AP - 002

ANNUAL MONITORING REPORT

YEAR(S):
2000

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 1, 2000

Ms. Glenda Chandler
1506 N. Cobb
Hobbs, New Mexico 88240

RE: SOIL SAMPLE ANALYSES

Dear Ms. Chandler:

Enclosed you will find a copy of the laboratory analytical results of the soil samples that the New Mexico Oil Conservation Division (OCD) obtained from your property on August 24, 2000. The sample from the south side of the house did not detect any oil or natural gas production related contaminants. The sample from the north side of the house detected very low levels of xylene and total petroleum hydrocarbons (TPH). However, Shell E&P Company (Shell) has informed the OCD that xylene and TPH were not detected in the sample that the OCD had split with Shell, and therefore it cannot be conclusively determined if these contaminants are actually present. As a result, the OCD will be notifying Shell that additional soil samples are required to be taken to confirm whether these petroleum contaminants are present in the soils in this area. The OCD will copy you on all correspondence related to your property.

If you have any questions regarding the laboratory analyses or the OCD's investigations, please feel free to call me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc w/ enclosure: Chris Williams, OCD Hobbs District Supervisor
Randy Merker, Office of Epidemiology, NM Health Department
Wayne A. Hamilton, Shell E&P Company
Jose Jaques, Westgate Subdivision
William G. Rosch, III, Rosch & Ross
Sharon E. Hall, Arcadis Geraghty & Miller
Cliff P. Brunson, BBC International

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Bill Olson
OCD
2040 S. Pacheco
Santa Fe, NM 87505

Report Date: September 5, 2000

Order ID Number: A00082803

Project Number: N/A
Project Name: Chandler
Project Location: N/A

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
152302	0008241101 (North Side)	Soil	8/24/00	11:01	8/26/00
152303	0008241118 (South Side)	Soil	8/24/00	11:18	8/26/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Analytical and Quality Control Report

Sample: 152302 - 0008241101 (North Side)

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04530	Date Analyzed:	8/29/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03945	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		0.084	mg/Kg	50	0.001
Total BTEX		0.084	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		5.09	mg/Kg	1	0.10	101	72 - 128
4-BFB		4.71	mg/Kg	1	0.10	94	72 - 128

Sample: 152302 - 0008241101 (North Side)

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04588	Date Analyzed:	8/30/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03994	Date Prepared:	8/30/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 152302 - 0008241101 (North Side)

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04623	Date Analyzed:	9/1/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB04027	Date Prepared:	8/31/00

Param	Flag	Result	Units	Dilution	RDL
DRO		64	mg/Kg	1	50

Sample: 152302 - 0008241101 (North Side)

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04531	Date Analyzed:	8/29/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03946	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 152302 - 0008241101 (North Side)

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04570	Date Analyzed:	8/30/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03931	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		3.4	mg/Kg	1	1
Total Barium		168	mg/Kg	1	1
Total Boron		25	mg/Kg	1	5
Total Cadmium		0.28	mg/Kg	1	0.20
Total Chromium		6.8	mg/Kg	1	0.50
Total Cobalt		2.8	mg/Kg	1	1
Total Copper		5.3	mg/Kg	1	1
Total Lead		4.6	mg/Kg	1	1
Total Manganese		90	mg/Kg	1	1
Total Molybdenum		<1.0	mg/Kg	1	1
Total Nickel		11	mg/Kg	1	1
Total Selenium		<1.0	mg/Kg	1	1
Total Silica		230	mg/Kg	1	10
Total Silver		<0.50	mg/Kg	1	0.50
Total Zinc		18	mg/Kg	1	1

Sample: 152303 - 0008241118 (South Side)

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04530	Date Analyzed:	8/29/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03945	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		5.15	mg/Kg	1	0.10	103	72 - 128
4-BFB		4.73	mg/Kg	1	0.10	94	72 - 128

Sample: 152303 - 0008241118 (South Side)

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04588	Date Analyzed:	8/30/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03994	Date Prepared:	8/30/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 152303 - 0008241118 (South Side)

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04623	Date Analyzed:	9/1/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB04027	Date Prepared:	8/31/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 152303 - 0008241118 (South Side)

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04531	Date Analyzed:	8/29/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03946	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 152303 - 0008241118 (South Side)

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04570	Date Analyzed:	8/30/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03931	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		3.2	mg/Kg	1	1
Total Barium		108	mg/Kg	1	1
Total Boron		34	mg/Kg	1	5
Total Cadmium		0.46	mg/Kg	1	0.20
Total Chromium		10	mg/Kg	1	0.50
Total Cobalt		4.0	mg/Kg	1	1
Total Copper		7.1	mg/Kg	1	1
Total Lead		5.3	mg/Kg	1	1
Total Manganese		156	mg/Kg	1	1
Total Molybdenum		<1.0	mg/Kg	1	1
Total Nickel		15	mg/Kg	1	1
Total Selenium		<1.0	mg/Kg	1	1
Total Silica		400	mg/Kg	1	10
Total Silver		<0.50	mg/Kg	1	0.50
Total Zinc		29	mg/Kg	1	1

Quality Control Report
Method Blank

Sample: Method Blank QCBatch: QC04530

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.05	mg/Kg	0.001
Toluene		<0.05	mg/Kg	0.001
Ethylbenzene		<0.05	mg/Kg	0.001
M,P,O-Xylene		<0.05	mg/Kg	0.001
Total BTEX		<0.05	mg/Kg	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		4.65	mg/Kg	0.10	93	72 - 128
4-BFB		4.16	mg/Kg	0.10	83	72 - 128

Sample: Method Blank QCBatch: QC04531

Param	Flag	Results	Units	Reporting Limit
GRO		<5	mg/Kg	0.10

Sample: Method Blank QCBatch: QC04570

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<1.0	mg/Kg	1
Total Barium		<1.0	mg/Kg	1
Total Boron		<5.0	mg/Kg	5
Total Cadmium		<0.20	mg/Kg	0.20
Total Chromium		<0.50	mg/Kg	0.50
Total Cobalt		<1.0	mg/Kg	1
Total Copper		<1.0	mg/Kg	1
Total Lead		<1.0	mg/Kg	1
Total Manganese		<1.0	mg/Kg	1
Total Molybdenum		<1.0	mg/Kg	1
Total Nickel		<1.0	mg/Kg	1
Total Selenium		<1.0	mg/Kg	1
Total Silica		<10.0	mg/Kg	10
Total Silver		<0.50	mg/Kg	0.50
Total Zinc		<1.0	mg/Kg	1

Sample: Method Blank QCBatch: QC04588

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.19	mg/Kg	0.19

Sample: Method Blank QCBatch: QC04623

Param	Flag	Results	Units	Reporting Limit
DRO		<50	mg/Kg	50

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Sample: LCS QC Batch: QC04530

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		4.55	mg/Kg	50	0.10	<0.05	91		80 - 120	20
Benzene		4.2	mg/Kg	50	0.10	<0.05	84		80 - 120	20
Toluene		4.08	mg/Kg	50	0.10	<0.05	82		80 - 120	20
Ethylbenzene		4.04	mg/Kg	50	0.10	<0.05	81		80 - 120	20
M,P,O-Xylene		12.53	mg/Kg	50	0.30	<0.05	83		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.15	mg/Kg	50	0.10	83	72 - 128
4-BFB		3.87	mg/Kg	50	0.10	77	72 - 128

Sample: LCSD QC Batch: QC04530

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		4.92	mg/Kg	50	0.10	<0.05	98	8	80 - 120	20
Benzene		4.53	mg/Kg	50	0.10	<0.05	90	8	80 - 120	20
Toluene		4.3	mg/Kg	50	0.10	<0.05	86	8	80 - 120	20
Ethylbenzene		4.29	mg/Kg	50	0.10	<0.05	86	8	80 - 120	20
M,P,O-Xylene		13.6	mg/Kg	50	0.30	<0.05	91	8	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.42	mg/Kg	50	0.10	88	72 - 128
4-BFB		4.11	mg/Kg	50	0.10	92	72 - 128

Sample: LCS QC Batch: QC04531

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		0.897	mg/Kg	1	1	<5	89		80 - 120	20

Sample: LCSD QC Batch: QC04531

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.02	mg/Kg	1	1	<5	102	13	80 - 120	20

Sample: LCS QC Batch: QC04570

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Silica		171	mg/Kg	1	200	<10.0	85		75 - 125	20
Total Silver		19	mg/Kg	1	20	<0.50	95		75 - 125	20
Total Zinc		21	mg/Kg	1	20	<1.0	105		75 - 125	20
Total Cadmium		18	mg/Kg	1	20	<0.20	90		75 - 125	20
Total Chromium		37	mg/Kg	1	40	<0.50	92		75 - 125	20
Total Cobalt		89	mg/Kg	1	100	<1.0	89		75 - 125	20
Total Copper		38	mg/Kg	1	40	<1.0	95		75 - 125	20
Total Lead		91	mg/Kg	1	100	<1.0	91		75 - 125	20
Total Manganese		16	mg/Kg	1	20	<1.0	80		75 - 125	20
Total Molybdenum		93	mg/Kg	1	100	<1.0	93		75 - 125	20
Total Nickel		93	mg/Kg	1	100	<1.0	93		75 - 125	20
Total Selenium		78	mg/Kg	1	100	<1.0	78		75 - 125	20

Sample: LCSD QC Batch: QC04570

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		90	mg/Kg	1	100	<1.0	90	1	75 - 125	20
Total Barium		183	mg/Kg	1	200	<1.0	91	1	75 - 125	20
Total Boron		91	mg/Kg	1	100	<5.0	91	0	75 - 125	20
Total Cadmium		17	mg/Kg	1	20	<0.20	85	6	75 - 125	20
Total Chromium		37	mg/Kg	1	40	<0.50	92	0	75 - 125	20
Total Cobalt		88	mg/Kg	1	100	<1.0	88	1	75 - 125	20
Total Copper		38	mg/Kg	1	40	<1.0	95	0	75 - 125	20
Total Lead		90	mg/Kg	1	100	<1.0	90	1	75 - 125	20
Total Manganese		16	mg/Kg	1	20	<1.0	80	0	75 - 125	20
Total Molybdenum		92	mg/Kg	1	100	<1.0	92	1	75 - 125	20
Total Nickel		91	mg/Kg	1	100	<1.0	91	2	75 - 125	20
Total Selenium		78	mg/Kg	1	100	<1.0	78	0	75 - 125	20
Total Silica		175	mg/Kg	1	100	<10.0	87	2	75 - 125	20
Total Silver		19	mg/Kg	1	20	<0.50	95	0	75 - 125	20
Total Zinc		22	mg/Kg	1	20	<1.0	110	5	75 - 125	20

Sample: LCS QC Batch: QC04588

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.39	mg/Kg	1	2.50	<0.19	95		80 - 120	20

Sample: LCSD QC Batch: QC04588

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.32	mg/Kg	1	2.50	<0.19	92	3	80 - 120	20

Sample: LCS QC Batch: QC04623

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		532	mg/Kg	1	250	<50	212		70 - 130	20

Sample: LCSD QC Batch: QC04623

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		285	mg/Kg	1	250	<50	114	60	70 - 130	20

Quality Control Report
Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC04530

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.13	mg/Kg	50	0.10	0.148	100		80 - 120	20
Toluene		10.8	mg/Kg	50	0.10	6.05	95		80 - 120	20
Ethylbenzene		8.81	mg/Kg	50	0.10	4.11	94		80 - 120	20
M,P,O-Xylene		71	mg/Kg	50	0.30	60.8	68		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.6	mg/Kg	50	0.10	92	72 - 128
4-BFB	[1]	8.25	mg/Kg	50	0.10	165	72 - 128

Sample: MSD QC Batch: QC04530

[1] Surrogate recovery out of limits due to matrix effect.

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		4.69	mg/Kg	50	0.10	0.148	90	9	80 - 120	20
Toluene		10.8	mg/Kg	50	0.10	6.05	95	0	80 - 120	20
Ethylbenzene		8.62	mg/Kg	50	0.10	4.11	90	4	80 - 120	20
M,P,O-Xylene		70.9	mg/Kg	50	0.30	60.8	67	1	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.88	mg/Kg	50	0.10	97	72 - 128
4-BFB	[2]	8.06	mg/Kg	50	0.10	161	72 - 128

Sample: MS

QC Batch: QC04570

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		88	mg/Kg	1	100	3.4	84		75 - 125	20
Total Barium		399	mg/Kg	1	200	168	115		75 - 125	20
Total Boron		113	mg/Kg	1	100	25	88		75 - 125	20
Total Cadmium		16	mg/Kg	1	20	0.28	78		75 - 125	20
Total Chromium		43	mg/Kg	1	40	6.8	90		75 - 125	20
Total Cobalt		84	mg/Kg	1	100	2.8	81		75 - 125	20
Total Copper		42	mg/Kg	1	40	5.3	91		75 - 125	20
Total Lead		90	mg/Kg	1	100	4.6	85		75 - 125	20
Total Manganese	[3]	118	mg/Kg	1	20	90	140		75 - 125	20
Total Molybdenum		84	mg/Kg	1	100	<1.0	84		75 - 125	20
Total Nickel		98	mg/Kg	1	100	11	87		75 - 125	20
Total Selenium		74	mg/Kg	1	100	<1.0	74		75 - 125	20
Total Silica	[4]	537	mg/Kg	1	200	230	153		75 - 125	20
Total Silver		16	mg/Kg	1	20	<0.50	80		75 - 125	20
Total Zinc		39	mg/Kg	1	20	18	105		75 - 125	20

Sample: MSD

QC Batch: QC04570

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		88	mg/Kg	1	100	3.4	84	0	75 - 125	20
Total Barium		352	mg/Kg	1	200	168	92	23	75 - 125	20
Total Boron		113	mg/Kg	1	100	25	88	0	75 - 125	20
Total Cadmium		16	mg/Kg	1	20	0.28	78	0	75 - 125	20
Total Chromium		42	mg/Kg	1	40	6.8	88	3	75 - 125	20
Total Cobalt		83	mg/Kg	1	100	2.8	80	1	75 - 125	20

Continued ...

[2] Surrogate recovery out of limits due to matrix effect.
[3] Poor matrix spike recovery due to nature of sample. LCS demonstrates process under control.
[4] Poor matrix spike recovery due to nature of sample. LCS demonstrates process under control.

... *Continued*

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Copper		42	mg/Kg	1	40	5.3	91	0	75 - 125	20
Total Lead		89	mg/Kg	1	100	4.6	84	1	75 - 125	20
Total Manganese	[5]	122	mg/Kg	1	20	90	160	13	75 - 125	20
Total Molybdenum		83	mg/Kg	1	100	<1.0	83	1	75 - 125	20
Total Nickel		97	mg/Kg	1	100	11	86	1	75 - 125	20
Total Selenium		73	mg/Kg	1	100	<1.0	73	1	75 - 125	20
Total Silica	[6]	505	mg/Kg	1	100	230	137	11	75 - 125	20
Total Silver		16	mg/Kg	1	20	<0.50	80	0	75 - 125	20
Total Zinc		39	mg/Kg	1	20	18	105	0	75 - 125	20

Sample: MS QC Batch: QC04588

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.48	mg/Kg	1	2.50	<0.19	99		80 - 120	20

Sample: MSD QC Batch: QC04588

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.45	mg/Kg	1	2.50	<0.19	98	1	80 - 120	20

Sample: MS QC Batch: QC04623

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		313	mg/Kg	1	250	<50	125		70 - 130	20

Sample: MSD QC Batch: QC04623

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		317	mg/Kg	1	250	<50	126	1	70 - 130	20

[5]Poor matrix spike recovery due to nature of sample. LCS demonstrates process under control.
[6]Poor matrix spike recovery due to nature of sample. LCS demonstrates process under control.

Quality Control Report
Continuing Calibration Verification Standards

Sample: CCV (1) QC Batch: QC04530

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.096	96	80 - 120	8/29/00
Toluene		mg/Kg	0.10	0.092	92	80 - 120	8/29/00
Ethylbenzene		mg/Kg	0.10	0.092	92	80 - 120	8/29/00
M,P,O-Xylene		mg/Kg	0.30	0.295	98	80 - 120	8/29/00

Sample: CCV (2) QC Batch: QC04530

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.102	102	80 - 120	8/29/00
Toluene		mg/Kg	0.10	0.098	98	80 - 120	8/29/00
Ethylbenzene		mg/Kg	0.10	0.096	96	80 - 120	8/29/00
M,P,O-Xylene		mg/Kg	0.30	0.312	104	80 - 120	8/29/00

Sample: ICV (1) QC Batch: QC04530

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.096	96	80 - 120	8/29/00
Toluene		mg/Kg	0.10	0.092	92	80 - 120	8/29/00
Ethylbenzene		mg/Kg	0.10	0.092	92	80 - 120	8/29/00
M,P,O-Xylene		mg/Kg	0.30	0.295	98	80 - 120	8/29/00

Sample: CCV (1) QC Batch: QC04531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.19	119	80 - 120	8/29/00

Sample: ICV (1) QC Batch: QC04531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.13	113	80 - 120	8/29/00

Sample: CCV (1) QC Batch: QC04570

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	2.50	2.52	100	75 - 125	8/30/00
Total Barium		mg/Kg	5	5.00	100	75 - 125	8/30/00
Total Boron		mg/Kg	2.50	2.50	100	75 - 125	8/30/00
Total Cadmium		mg/Kg	0.50	0.50	100	75 - 125	8/30/00
Total Chromium		mg/Kg	1	0.99	99	75 - 125	8/30/00
Total Cobalt		mg/Kg	2.50	2.50	100	75 - 125	8/30/00
Total Copper		mg/Kg	1	1.00	100	75 - 125	8/30/00
Total Lead		mg/Kg	2.50	2.49	99	75 - 125	8/30/00
Total Manganese		mg/Kg	0.50	0.50	100	75 - 125	8/30/00
Total Molybdenum		mg/Kg	2.50	2.50	100	75 - 125	8/30/00
Total Nickel		mg/Kg	2.50	2.50	100	75 - 125	8/30/00
Total Selenium		mg/Kg	2.50	2.53	101	75 - 125	8/30/00
Total Silica		mg/Kg	2.50	2.43	97	75 - 125	8/30/00
Total Silver		mg/Kg	0.50	0.50	100	75 - 125	8/30/00
Total Zinc		mg/Kg	0.50	0.49	98	75 - 125	8/30/00

Sample: ICV (1) QC Batch: QC04570

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	2.50	2.61	104	75 - 125	8/30/00
Total Barium		mg/Kg	5	5.21	104	75 - 125	8/30/00
Total Boron		mg/Kg	2.50	2.70	108	75 - 125	8/30/00
Total Cadmium		mg/Kg	0.50	0.52	104	75 - 125	8/30/00
Total Chromium		mg/Kg	1	1.03	103	75 - 125	8/30/00
Total Cobalt		mg/Kg	2.50	2.61	104	75 - 125	8/30/00
Total Copper		mg/Kg	1	1.04	104	75 - 125	8/30/00
Total Lead		mg/Kg	2.50	2.60	104	75 - 125	8/30/00
Total Manganese		mg/Kg	0.50	0.52	104	75 - 125	8/30/00
Total Molybdenum		mg/Kg	2.50	2.62	104	75 - 125	8/30/00
Total Nickel		mg/Kg	2.50	2.61	104	75 - 125	8/30/00
Total Selenium		mg/Kg	2.50	2.63	105	75 - 125	8/30/00
Total Silica		mg/Kg	2.50	2.51	100	75 - 125	8/30/00
Total Silver		mg/Kg	0.50	0.52	104	75 - 125	8/30/00
Total Zinc		mg/Kg	0.50	0.51	102	75 - 125	8/30/00

Sample: CCV (1) QC Batch: QC04588

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.005	0.00467	93	80 - 120	8/30/00

Sample: ICV (1) QC Batch: QC04588

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.005	0.00536	107	80 - 120	8/30/00

Sample: CCV (1) QC Batch: QC04623

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	304	121	70 - 130	9/1/00

Sample: ICV (1) QC Batch: QC04623

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	295	118	70 - 130	9/1/00

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A00082803

Company Name: New Mexico Oil Conservation Division
Phone #: (505) 827-7154
Address: (Street, City, Zip) 2040 S. Pacheco, Santa Fe, NM 87505
Fax #: (505) 827-8177
Contact Person: Bill Olson
Invoice to: (If different from above) same
Project #:
Project Name: Chandler
Project Location:
Sampler Signature: Will Olson

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	SAMPLING: DATE	TIME
152302	000824 1101 (Northside)	1	4 oz		✓					✓		8/24/00	1101
303	000824 1118 (Southside)	1	4 oz		✓					✓		8/24/00	1118

ANALYSIS REQUEST
(Circle or Specify Method No.)

	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	
152302		✓	✓													✓
303		✓	✓													✓

DRO/GRO
OCD metals

Turn Around Time if different from standard
Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Will Olson	8/25/00	1030			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Jennifer Schmidt	8/26	0830

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review MS 9/5

REMARKS:

Carrier # 3615 9052 439 6161 2

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

QUALITY • INTEGRITY • SERVICE

E-Lab, Inc.

10450 Stancliff Road • Suite 210 • Houston, Texas 77099 • 281.530.5656 • Fax 281.530.5887

October 31, 2000

Craig Lewis
Craig Lewis & Associates
Bank of America Center
40th Floor
Houston, TX 77002
TEL: (713) 222-8080
FAX (713) 238-7888

RE: Westgate Order No.: 0010061

Dear Craig Lewis,

e-Lab, Inc. received 7 samples on 10/13/00 9:15:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab, Inc. and for only the analyses requested.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from e-Lab, Inc.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Lora Dunlap

CC:

e-Lab, Inc.

Date: *31-Oct-00*

CLIENT: Craig Lewis & Associates
Project: Westgate
Lab Order: 0010061
Date Received: 10/13/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date
0010061-01	SB13-30-01 (3'-5')		10/11/00 8:43:00 AM
0010061-02	SB 13-30-01(8'-11')		10/11/00 9:16:00 AM
0010061-03	SB 12-30-01 (20 - 23')		10/11/00 2:03:00 PM
0010061-04	WSB - 01		10/12/00 10:17:00 AM
0010061-05	WSB - 02		10/12/00 9:30:00 AM
0010061-06	SB 1510 - 01 (5-7')		10/12/00 1:28:00 PM
0010061-07	Trip Blank		10/12/00

CLIENT: Craig Lewis & Associates
Project: Westgate
Lab Order: 0010061

CASE NARRATIVE

The analyses for Total Petroleum Hydrocarbons, Chloride, Fluoride, Nitrate, Sulfate, Cyanide and Total Recoverable Phenolics were subcontracted to Severn Trent Laboratories in Houston, Texas.

The analyses for Radium 226 and Radium 228 were subcontracted to Enviro-Test Laboratories in Casper, Wyoming.

The analysis noted as Miscellaneous Analysis is being used to report Radium 226 and Radium 228.

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB13-30-01 (3'-5')
Lab Order:	0010061	**Collection Date:**	10/11/00 8:43:00 AM
Project:	Westgate		
Lab ID:	0010061-01	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY, MODIFIED			**E300**			Analyst: **STH**
Chloride	ND	40		mg/Kg	1	10/27/00
Fluoride	ND	20		mg/Kg	1	10/27/00
Nitrogen, Nitrate (As N)	ND	30		mg/Kg	1	10/27/00
Sulfate	310	40		mg/Kg	1	10/27/00
PETROLEUM HYDROCARBONS, T/R			**E418.1**			Analyst: **STH**
Petroleum Hydrocarbons, TR	4,200	200		mg/Kg	1	10/19/00
TCL VOLATILE ORGANICS			**SW8260**			Analyst: **PC**
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
2-Butanone	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
2-Hexanone	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
4-Methyl-2-pentanone	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
Acetone	ND	25		µg/Kg	1	10/17/00 9:57:00 PM
Benzene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Bromoform	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
Bromomethane	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
Carbon disulfide	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Chlorobenzene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Chloroethane	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
Chloroform	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Chloromethane	ND	10		µg/Kg	1	10/17/00 9:57:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Dichloromethane	ND	25		µg/Kg	1	10/17/00 9:57:00 PM
Ethylbenzene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Styrene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Toluene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM
Trichloroethene	ND	5.0		µg/Kg	1	10/17/00 9:57:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

U - Analyzed for but Not Detected

E - Value above quantitation range

H - Analyzed outside of Hold Time

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-01

Client Sample ID: SB13-30-01 (3'-5')
Collection Date: 10/11/00 8:43:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	2.0		µg/Kg	1	10/17/00 9:57:00 PM
Xylenes, Total	ND	15		µg/Kg	1	10/17/00 9:57:00 PM
Surr: 1,2-Dichloroethane-d4	129	70-130		%REC	1	10/17/00 9:57:00 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%REC	1	10/17/00 9:57:00 PM
Surr: Dibromofluoromethane	142	70-130	S	%REC	1	10/17/00 9:57:00 PM
Surr: Toluene-d8	135	70-130	S	%REC	1	10/17/00 9:57:00 PM
VOLATILE LIBRARY SEARCH			**SW8260**			Analyst: **PC**
Library Search (Attached)	See attached				1	10/17/00 9:57:00 PM
TCL SEMIVOLATILE ORGANICS			**SW8270**		Prep Date: **10/17/00**	Analyst: **HV**
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2,4-Dichlorophenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2,4-Dimethylphenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2,4-Dinitrophenol	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2-Chloronaphthalene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2-Chlorophenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2-Methylnaphthalene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2-Methylphenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
2-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
2-Nitrophenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
3,3'-Dichlorobenzidine	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
3-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
4,6-Dinitro-2-methylphenol	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
4-Bromophenyl phenyl ether	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
4-Chloro-3-methylphenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
4-Chloroaniline	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
4-Chlorophenyl phenyl ether	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
4-Methylphenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
4-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
4-Nitrophenol	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
Acenaphthene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Acenaphthylene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Anthracene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Benz(a)anthracene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-01

Client Sample ID: SB13-30-01 (3'-5')
Collection Date: 10/11/00 8:43:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Benzo(a)pyrene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Butyl benzyl phthalate	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Carbazole	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Chrysene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Di-n-butyl phthalate	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Di-n-octyl phthalate	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Dibenz(a,h)anthracene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Dibenzofuran	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Diethyl phthalate	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Dimethyl phthalate	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Fluoranthene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Fluorene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Hexachlorobenzene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Hexachlorobutadiene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Hexachlorocyclopentadiene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Hexachloroethane	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Isophorone	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Naphthalene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Nitrobenzene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Pentachlorophenol	ND	1,600		µg/Kg	1	10/26/00 7:29:00 PM
Phenanthrene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Phenol	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Pyrene	ND	330		µg/Kg	1	10/26/00 7:29:00 PM
Surr: 2,4,6-Tribromophenol	101	19-122		%REC	1	10/26/00 7:29:00 PM
Surr: 2-Fluorobiphenyl	87.9	30-115		%REC	1	10/26/00 7:29:00 PM
Surr: 2-Fluorophenol	70.8	24-121		%REC	1	10/26/00 7:29:00 PM
Surr: 4-Terphenyl-d14	103	18-137		%REC	1	10/26/00 7:29:00 PM
Surr: Nitrobenzene-d5	75.4	23-120		%REC	1	10/26/00 7:29:00 PM
Surr: Phenol-d6	82.3	24-113		%REC	1	10/26/00 7:29:00 PM
SEMIVOLATILE LIBRARY SEARCH				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
Library Search (Attached)	see attached				1	10/26/00 7:29:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB13-30-01 (3'-5')
Lab Order:	0010061	**Collection Date:**	10/11/00 8:43:00 AM
Project:	Westgate		
Lab ID:	0010061-01	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL			**SW9012**			Analyst: **STH**
Cyanide	ND	0.50		mg/Kg	1	10/20/00
MERCURY, SOIL			**SW7471A**		Prep Date: **10/17/00**	Analyst: **ALR**
Mercury	ND	100		µg/Kg	1	10/17/00 4:54:48 PM
ICP METALS, TOTAL			**SW6020**		Prep Date: **10/18/00**	Analyst: **HC**
Aluminum	4,730	2,500		mg/Kg	500	10/31/00 2:08:00 PM
Antimony	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Arsenic	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Barium	283	25.8		mg/Kg	5.158	10/26/00 3:43:00 PM
Beryllium	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Cadmium	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Calcium	186,000	5,000		mg/Kg	100	10/28/00 2:56:00 PM
Chromium	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Cobalt	ND	5.00		mg/Kg	1	10/20/00 6:03:00 PM
Copper	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Iron	3,290	10.0		mg/Kg	1	10/26/00 3:39:00 PM
Lead	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Magnesium	4,560	50.0		mg/Kg	1	10/26/00 3:39:00 PM
Manganese	26.1	5.00		mg/Kg	1	10/20/00 6:03:00 PM
Nickel	7.79	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Potassium	847	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Selenium	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Silver	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Sodium	151	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Thallium	ND	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Vanadium	9.92	5.00		mg/Kg	1	10/26/00 3:39:00 PM
Zinc	41.1	5.00		mg/Kg	1	10/28/00 3:05:00 PM
CORROSIVITY			**SW9045B**			Analyst: **JLJ**
pH	9.00	0.10		pH Units	1	10/16/00 4:30:00 PM
PHENOLICS			**SW9065**			Analyst: **STH**
Phenolics, Total Recoverable	0.55	0.0050		mg/kg	1	10/25/00
TOTAL DISSOLVED SOLIDS			**E160.1**			Analyst: **MG**
Total Dissolved Solids (Residue, Filterable)	760	50		mg/Kg	1	10/19/00 11:00:00 AM
MISCELLANEOUS SUBCONTRACT CODE			**NA**			Analyst: **ETI**
Miscellaneous Analysis	See Attached				1	10/18/00

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

U - Analyzed for but Not Detected

E - Value above quantitation range

H - Analyzed outside of Hold Time

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO

01A

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-01A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: D101708

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: not dec. _____ Date Analyzed: 10/17/00

GC Column: DB624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ml) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0010061-01B

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-01B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: D102621

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:10/17/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/00

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) OTHER

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	31295-56-4	DODECANE, 2,6,11-TRIMETHYL-	8.29	664.33	NJ
2.	629-59-4	TETRADECANE	8.43	975.38	NJ
3.	3891-98-3	DODECANE, 2,6,10-TRIMETHYL-	8.78	1202.17	NJ
4.	629-62-9	PENTADECANE	8.98	1210.14	NJ
5.	544-76-3	HEXADECANE	9.49	873.78	NJ
6.	629-78-7	HEPTADECANE	9.96	1028.29	NJ
7.	1921-70-6	PENTADECANE, 2,6,10,14-TETRA	10.00	1522.03	NJ
8.	593-45-3	OCTADECANE	10.41	997.68	NJ
9.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	10.46	1705.75	NJ
10.	629-92-5	NONADECANE	10.84	913.08	NJ
11.		UNKNOWN ALKANE	11.53	526.43	J
12.	629-94-7	HENEICOSANE	11.62	966.36	NJ
13.	629-97-0	DOCOSANE	11.98	881.07	NJ
14.	112-95-8	EICOSANE	12.34	834.31	NJ
15.		UNKNOWN ALKANE	12.70	866.87	J
16.	629-94-7	HENEICOSANE	13.51	822.20	NJ
17.	638-67-5	TRICOSANE	13.93	527.50	NJ
18.	20175-84-2	[1,2'-BINAPHTHALENE]-5,5',8,	15.31	600.83	NJ
19.	24739-08-0	C(14A)-HOMO-27-NOR-14.BETA.-	15.65	592.10	NJ
20.	53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	16.00	451.72	NJ
21.	53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	16.44	650.24	NJ
22.	20175-84-2	[1,2'-BINAPHTHALENE]-5,5',8,	17.02	411.70	NJ
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB 13-30-01(8'-11')
Lab Order:	0010061	**Collection Date:**	10/11/00 9:16:00 AM
Project:	Westgate		
Lab ID:	0010061-02	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY, MODIFIED			**E300**			Analyst: **STH**
Chloride	ND	40		mg/Kg	1	10/27/00
Fluoride	39	20		mg/Kg	1	10/27/00
Nitrogen, Nitrate (As N)	ND	30		mg/Kg	1	10/27/00
Sulfate	ND	40		mg/Kg	1	10/27/00
PETROLEUM HYDROCARBONS, T/R			**E418.1**			Analyst: **STH**
Petroleum Hydrocarbons, TR	36,000	1,000		mg/Kg	1	10/19/00
TCL VOLATILE ORGANICS			**SW8260**			Analyst: **PC**
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
2-Butanone	41	10		µg/Kg	1	10/17/00 8:38:00 PM
2-Hexanone	ND	10		µg/Kg	1	10/17/00 8:38:00 PM
4-Methyl-2-pentanone	ND	10		µg/Kg	1	10/17/00 8:38:00 PM
Acetone	350	120		µg/Kg	5	10/18/00 1:22:00 PM
Benzene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Bromoform	ND	10		µg/Kg	1	10/17/00 8:38:00 PM
Bromomethane	ND	10		µg/Kg	1	10/17/00 8:38:00 PM
Carbon disulfide	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Chlorobenzene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Chloroethane	ND	10		µg/Kg	1	10/17/00 8:38:00 PM
Chloroform	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Chloromethane	ND	10		µg/Kg	1	10/17/00 8:38:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Dichloromethane	ND	25		µg/Kg	1	10/17/00 8:38:00 PM
Ethylbenzene	430	25		µg/Kg	5	10/18/00 1:22:00 PM
Styrene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Toluene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM
Trichloroethene	ND	5.0		µg/Kg	1	10/17/00 8:38:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

U - Analyzed for but Not Detected

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab, Inc. Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB 13-30-01(8'-11')
Lab Order:	0010061	**Collection Date:**	10/11/00 9:16:00 AM
Project:	Westgate		
Lab ID:	0010061-02	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	2.0		µg/Kg	1	10/17/00 8:38:00 PM
Xylenes, Total	ND	15		µg/Kg	1	10/17/00 8:38:00 PM
Surr: 1,2-Dichloroethane-d4	125	70-130		%REC	5	10/18/00 1:22:00 PM
Surr: 1,2-Dichloroethane-d4	139	70-130	S	%REC	1	10/17/00 8:38:00 PM
Surr: 4-Bromofluorobenzene	112	70-130		%REC	1	10/17/00 8:38:00 PM
Surr: 4-Bromofluorobenzene	87.5	70-130		%REC	5	10/18/00 1:22:00 PM
Surr: Dibromofluoromethane	155	70-130	S	%REC	1	10/17/00 8:38:00 PM
Surr: Dibromofluoromethane	143	70-130	S	%REC	5	10/18/00 1:22:00 PM
Surr: Toluene-d8	146	70-130	S	%REC	1	10/17/00 8:38:00 PM
Surr: Toluene-d8	136	70-130	S	%REC	5	10/18/00 1:22:00 PM
VOLATILE LIBRARY SEARCH			**SW8260**			Analyst: **PC**
Library Search (Attached)	See attached				1	10/17/00 8:38:00 PM
TCL SEMIVOLATILE ORGANICS			**SW8270**		Prep Date: **10/17/00**	Analyst: **HV**
1,2,4-Trichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
1,2-Dichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
1,3-Dichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
1,4-Dichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2,4,5-Trichlorophenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2,4,6-Trichlorophenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2,4-Dichlorophenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2,4-Dimethylphenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2,4-Dinitrophenol	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM
2,4-Dinitrotoluene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2,6-Dinitrotoluene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2-Chloronaphthalene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2-Chlorophenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2-Methylnaphthalene	30,000	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2-Methylphenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
2-Nitroaniline	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM
2-Nitrophenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
3,3'-Dichlorobenzidine	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
3-Nitroaniline	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM
4,6-Dinitro-2-methylphenol	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM
4-Bromophenyl phenyl ether	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
4-Chloro-3-methylphenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
4-Chloroaniline	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
4-Chlorophenyl phenyl ether	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
4-Methylphenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
4-Nitroaniline	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM
4-Nitrophenol	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-02

Client Sample ID: SB 13-30-01(8'-11')
Collection Date: 10/11/00 9:16:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Acenaphthene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Acenaphthylene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Anthracene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Benz(a)anthracene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Benzo(a)pyrene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Benzo(b)fluoranthene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Benzo(g,h,i)perylene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Benzo(k)fluoranthene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Bis(2-chloroethoxy)methane	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Bis(2-chloroethyl)ether	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Bis(2-chloroisopropyl)ether	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Butyl benzyl phthalate	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Carbazole	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Chrysene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Di-n-butyl phthalate	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Di-n-octyl phthalate	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Dibenz(a,h)anthracene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Dibenzofuran	3,900	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Diethyl phthalate	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Dimethyl phthalate	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Fluoranthene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Fluorene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Hexachlorobenzene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Hexachlorobutadiene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Hexachlorocyclopentadiene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Hexachloroethane	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Isophorone	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
N-Nitrosodi-n-propylamine	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
N-Nitrosodiphenylamine	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Naphthalene	12,000	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Nitrobenzene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Pentachlorophenol	ND	16,000		µg/Kg	10	10/26/00 6:35:00 PM
Phenanthrene	5,800	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Phenol	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Pyrene	ND	3,300		µg/Kg	10	10/26/00 6:35:00 PM
Surr: 2,4,6-Tribromophenol	87.7	19-122		%REC	10	10/26/00 6:35:00 PM
Surr: 2-Fluorobiphenyl	69.9	30-115		%REC	10	10/26/00 6:35:00 PM
Surr: 2-Fluorophenol	43.8	24-121		%REC	10	10/26/00 6:35:00 PM
Surr: 4-Terphenyl-d14	74.2	18-137		%REC	10	10/26/00 6:35:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-02

Client Sample ID: SB 13-30-01(8'-11')
Collection Date: 10/11/00 9:16:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Surr: Nitrobenzene-d5	108	23-120		%REC	10	10/26/00 6:35:00 PM
Surr: Phenol-d6	60.7	24-113		%REC	10	10/26/00 6:35:00 PM
SEMIVOLATILE LIBRARY SEARCH				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
Library Search (Attached)	see attached				10	10/26/00 6:35:00 PM
CYANIDE, TOTAL				**SW9012**		Analyst: **STH**
Cyanide	ND	0.50		mg/Kg	1	10/20/00
MERCURY, SOIL				**SW7471A**	Prep Date: **10/17/00**	Analyst: **ALR**
Mercury	ND	100		µg/Kg	1	10/17/00 5:10:00 PM
ICP METALS, TOTAL				**SW6020**	Prep Date: **10/18/00**	Analyst: **HC**
Aluminum	15,800	5,000		mg/Kg	1000	10/31/00 1:27:00 PM
Antimony	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Arsenic	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Barium	164	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Beryllium	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Cadmium	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Calcium	92,400	5,000		mg/Kg	100	10/28/00 3:13:00 PM
Chromium	10.2	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Cobalt	ND	5.00		mg/Kg	1	10/20/00 6:08:00 PM
Copper	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Iron	8,440	10.0		mg/Kg	1	10/26/00 5:33:00 PM
Lead	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Magnesium	11,300	50.0		mg/Kg	1	10/26/00 5:33:00 PM
Manganese	55.4	5.00		mg/Kg	1	10/20/00 6:08:00 PM
Nickel	11.1	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Potassium	3,140	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Selenium	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Silver	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Sodium	239	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Thallium	ND	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Vanadium	24.2	5.00		mg/Kg	1	10/26/00 5:33:00 PM
Zinc	46.4	5.00		mg/Kg	1	10/28/00 3:18:00 PM
CORROSIVITY				**SW9045B**		Analyst: **JLJ**
pH	8.94	0.10		pH Units	1	10/16/00 4:30:00 PM
PHENOLICS				**SW9065**		Analyst: **STH**
Phenolics, Total Recoverable	1.5	0.0050		mg/kg	1	10/25/00
TOTAL DISSOLVED SOLIDS				**E160.1**		Analyst: **MG**
Total Dissolved Solids (Residue, Filterable)	860	50		mg/Kg	1	10/19/00 11:00:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB 13-30-01(8'-11')
Lab Order:	0010061	**Collection Date:**	10/11/00 9:16:00 AM
Project:	Westgate		
Lab ID:	0010061-02	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MISCELLANEOUS SUBCONTRACT CODE			**NA**			Analyst: **ETI**
Miscellaneous Analysis	See Attached				1	10/18/00

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

U - Analyzed for but Not Detected

E - Value above quantitation range

H - Analyzed outside of Hold Time

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO

02A

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-02A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: D101705

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: not dec. _____ Date Analyzed: 10/17/00

GC Column: DB624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ml) Soil Aliquot Volume: _____(uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	3728-54-9	CYCLOHEXANE, 1-ETHYL-2-METHY	10.65	1929.54	NJ
2.	2051-30-1	OCTANE, 2,6-DIMETHYL-	10.86	3254.84	NJ
3.	6783-92-2	CYCLOHEXANE, 1,1,2,3-TETRAME	11.40	41.00	NJ
4.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.67	37.45	NJ
5.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.88	40.09	NJ
6.	95-63-6	BENZENE, 1,2,4-TRIMETHYL-	12.05	67.71	NJ
7.	933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	12.75	55.53	NJ
8.	1074-17-5	BENZENE, 1-METHYL-2-PROPYL-	12.94	44.19	NJ
9.	95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	14.00	37.63	NJ
10.	119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	14.17	35.00	NJ
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0010061-02B

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-02B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: D102619

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:10/17/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/00

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) OTHER

Number TICs found: 19

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN ALKYL BENZENE	4.95	14435.28	J
2.	2847-72-5	DECANE, 4-METHYL-	5.29	9313.63	NJ
3.		UNKNOWN ALKYL BENZENE	5.76	16633.26	J
4.		UNKNOWN ALKYL BENZENE	6.42	7850.39	J
5.		UNKNOWN ALKYL BENZENE	6.73	12720.32	J
6.	29053-04-1	CYCLOPENTANE, 1-METHYL-3-(2-	6.99	13333.33	NJ
7.	61142-20-9	CYCLOHEXANE, (4-METHYLPENTYL	7.41	8935.23	NJ
8.	54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	7.62	14453.86	NJ
9.	31295-56-4	DODECANE, 2,6,11-TRIMETHYL-	8.30	13047.42	NJ
10.	3891-98-3	DODECANE, 2,6,10-TRIMETHYL-	8.78	11537.40	NJ
11.	24251-86-3	DODECANE, 5,8-DIETHYL-	9.73	12690.82	NJ
12.	1921-70-6	PENTADECANE, 2,6,10,14-TETRA	10.00	51445.23	NJ
13.		UNKNOWN ALKANE	10.17	16658.96	J
14.	132-65-0	DIBENZOTHIOPHENE	10.41	19600.96	NJ
15.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	10.46	75639.29	NJ
16.	4860-03-1	HEXADECANE, 1-CHLORO-	10.80	15254.58	NJ
17.	832-69-9	PHENANTHRENE, 1-METHYL-	11.04	15649.08	NJ
18.	21164-95-4	HEXADECANE, 7,9-DIMETHYL-	11.52	14041.42	NJ
19.	7469-40-1	NAPHTHALENE, 1,2-DIHYDRO-4-P	11.58	11054.98	NJ
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-03

Client Sample ID: SB 12-30-01 (20 - 23')
Collection Date: 10/11/00 2:03:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY, MODIFIED			**E300**			Analyst: **STH**
Chloride	ND	40		mg/Kg	1	10/27/00
Fluoride	ND	20		mg/Kg	1	10/27/00
Nitrogen, Nitrate (As N)	ND	30		mg/Kg	1	10/27/00
Sulfate	ND	40		mg/Kg	1	10/27/00
PETROLEUM HYDROCARBONS, T/R			**E418.1**			Analyst: **STH**
Petroleum Hydrocarbons, TR	35,000	2,000		mg/Kg	1	10/19/00
TCL VOLATILE ORGANICS			**SW8260**			Analyst: **PC**
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
2-Butanone	64	10		µg/Kg	1	10/18/00 2:47:00 AM
2-Hexanone	ND	10		µg/Kg	1	10/18/00 2:47:00 AM
4-Methyl-2-pentanone	ND	10		µg/Kg	1	10/18/00 2:47:00 AM
Acetone	320	120		µg/Kg	5	10/19/00 2:27:00 PM
Benzene	20	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Bromodichloromethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Bromoform	ND	10		µg/Kg	1	10/18/00 2:47:00 AM
Bromomethane	ND	10		µg/Kg	1	10/18/00 2:47:00 AM
Carbon disulfide	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Carbon tetrachloride	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Chlorobenzene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Chloroethane	ND	10		µg/Kg	1	10/18/00 2:47:00 AM
Chloroform	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Chloromethane	ND	10		µg/Kg	1	10/18/00 2:47:00 AM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Dibromochloromethane	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Dichloromethane	ND	25		µg/Kg	1	10/18/00 2:47:00 AM
Ethylbenzene	13,000	620		µg/Kg	125	10/19/00 12:15:00 AM
Styrene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Tetrachloroethene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Toluene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM
Trichloroethene	ND	5.0		µg/Kg	1	10/18/00 2:47:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-03

Client Sample ID: SB 12-30-01 (20 - 23')
Collection Date: 10/11/00 2:03:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	2.0		µg/Kg	1	10/18/00 2:47:00 AM
Xylenes, Total	43,000	1,900		µg/Kg	125	10/19/00 12:15:00 AM
Surr: 1,2-Dichloroethane-d4	239	70-130	S	%REC	1	10/18/00 2:47:00 AM
Surr: 1,2-Dichloroethane-d4	125	70-130		%REC	125	10/19/00 12:15:00 AM
Surr: 1,2-Dichloroethane-d4	158	70-130	S	%REC	5	10/19/00 2:27:00 PM
Surr: 4-Bromofluorobenzene	344	70-130	S	%REC	1	10/18/00 2:47:00 AM
Surr: 4-Bromofluorobenzene	85.4	70-130		%REC	5	10/19/00 2:27:00 PM
Surr: 4-Bromofluorobenzene	108	70-130		%REC	125	10/19/00 12:15:00 AM
Surr: Dibromofluoromethane	266	70-130	S	%REC	1	10/18/00 2:47:00 AM
Surr: Dibromofluoromethane	178	70-130	S	%REC	5	10/19/00 2:27:00 PM
Surr: Dibromofluoromethane	124	70-130		%REC	125	10/19/00 12:15:00 AM
Surr: Toluene-d8	172	70-130	S	%REC	5	10/19/00 2:27:00 PM
Surr: Toluene-d8	107	70-130		%REC	125	10/19/00 12:15:00 AM
Surr: Toluene-d8	430	70-130	S	%REC	1	10/18/00 2:47:00 AM
VOLATILE LIBRARY SEARCH			**SW8260**			Analyst: **PC**
Library Search (Attached)	See attached				1	10/18/00 2:47:00 AM
TCL SEMIVOLATILE ORGANICS			**SW8270**		Prep Date: **10/17/00**	Analyst: **HV**
1,2,4-Trichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
1,2-Dichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
1,3-Dichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
1,4-Dichlorobenzene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2,4,5-Trichlorophenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2,4,6-Trichlorophenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2,4-Dichlorophenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2,4-Dimethylphenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2,4-Dinitrophenol	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
2,4-Dinitrotoluene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2,6-Dinitrotoluene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2-Chloronaphthalene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2-Chlorophenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2-Methylnaphthalene	29,000	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2-Methylphenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
2-Nitroaniline	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
2-Nitrophenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
3,3'-Dichlorobenzidine	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
3-Nitroaniline	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
4,6-Dinitro-2-methylphenol	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
4-Bromophenyl phenyl ether	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
4-Chloro-3-methylphenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
4-Chloroaniline	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-03

Client Sample ID: SB 12-30-01 (20 - 23')
Collection Date: 10/11/00 2:03:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
4-Chlorophenyl phenyl ether	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
4-Methylphenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
4-Nitroaniline	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
4-Nitrophenol	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
Acenaphthene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Acenaphthylene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Anthracene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Benz(a)anthracene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Benzo(a)pyrene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Benzo(b)fluoranthene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Benzo(g,h,i)perylene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Benzo(k)fluoranthene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Bis(2-chloroethoxy)methane	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Bis(2-chloroethyl)ether	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Bis(2-chloroisopropyl)ether	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Butyl benzyl phthalate	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Carbazole	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Chrysene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Di-n-butyl phthalate	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Di-n-octyl phthalate	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Dibenz(a,h)anthracene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Dibenzofuran	4,200	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Diethyl phthalate	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Dimethyl phthalate	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Fluoranthene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Fluorene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Hexachlorobenzene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Hexachlorobutadiene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Hexachlorocyclopentadiene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Hexachloroethane	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Indeno(1,2,3-cd)pyrene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Isophorone	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
N-Nitrosodi-n-propylamine	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
N-Nitrosodiphenylamine	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Naphthalene	12,000	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Nitrobenzene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Pentachlorophenol	ND	16,000		µg/Kg	10	10/26/00 7:02:00 PM
Phenanthrene	5,800	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Phenol	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM
Pyrene	ND	3,300		µg/Kg	10	10/26/00 7:02:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-03

Client Sample ID: SB 12-30-01 (20 - 23')
Collection Date: 10/11/00 2:03:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Surr: 2,4,6-Tribromophenol	99.4	19-122		%REC	10	10/26/00 7:02:00 PM
Surr: 2-Fluorobiphenyl	85.0	30-115		%REC	10	10/26/00 7:02:00 PM
Surr: 2-Fluorophenol	39.9	24-121		%REC	10	10/26/00 7:02:00 PM
Surr: 4-Terphenyl-d14	90.0	18-137		%REC	10	10/26/00 7:02:00 PM
Surr: Nitrobenzene-d5	112	23-120		%REC	10	10/26/00 7:02:00 PM
Surr: Phenol-d6	60.6	24-113		%REC	10	10/26/00 7:02:00 PM
SEMIVOLATILE LIBRARY SEARCH				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
Library Search (Attached)	see attached				10	10/26/00 7:02:00 PM
CYANIDE, TOTAL				**SW9012**		Analyst: **STH**
Cyanide	ND	0.50		mg/Kg	1	10/20/00
MERCURY, SOIL				**SW7471A**	Prep Date: **10/17/00**	Analyst: **ALR**
Mercury	ND	100		µg/Kg	1	10/17/00 5:11:25 PM
ICP METALS, TOTAL				**SW6020**	Prep Date: **10/18/00**	Analyst: **HC**
Aluminum	526	25.8		mg/Kg	5.158	10/26/00 5:49:00 PM
Antimony	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Arsenic	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Barium	121	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Beryllium	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Cadmium	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Calcium	184,000	5,000		mg/Kg	100	10/28/00 3:22:00 PM
Chromium	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Cobalt	ND	5.00		mg/Kg	1	10/20/00 6:12:00 PM
Copper	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Iron	1,710	10.0		mg/Kg	1	10/26/00 5:41:00 PM
Lead	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Magnesium	10,400	50.0		mg/Kg	1	10/26/00 5:41:00 PM
Manganese	21.3	5.00		mg/Kg	1	10/20/00 6:12:00 PM
Nickel	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Potassium	305	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Selenium	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Silver	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Sodium	61.4	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Thallium	ND	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Vanadium	27.3	5.00		mg/Kg	1	10/26/00 5:41:00 PM
Zinc	19.8	5.00		mg/Kg	1	10/28/00 3:31:00 PM
CORROSIVITY				**SW9045B**		Analyst: **JLJ**
pH	9.13	0.10		pH Units	1	10/16/00 4:30:00 PM
PHENOLICS				**SW9065**		Analyst: **STH**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB 12-30-01 (20 - 23')
Lab Order:	0010061	**Collection Date:**	10/11/00 2:03:00 PM
Project:	Westgate		
Lab ID:	0010061-03	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Phenolics, Total Recoverable	1.2	0.0050		mg/kg	1	10/25/00
TOTAL DISSOLVED SOLIDS			**E160.1**			Analyst: **MG**
Total Dissolved Solids (Residue, Filterable)	290	50		mg/Kg	1	10/19/00 11:00:00 AM
MISCELLANEOUS SUBCONTRACT CODE			**NA**			Analyst: **ETI**
Miscellaneous Analysis	See Attached				1	10/18/00

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- U - Analyzed for but Not Detected
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

03A

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-03A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: D101719

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: not dec. _____ Date Analyzed: 10/18/00

GC Column: DB624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ml) Soil Aliquot Volume: _____(uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	589-34-4	HEXANE, 3-METHYL-	6.49	39.01	NJ
2.	108-87-2	CYCLOHEXANE, METHYL-	7.59	6060.79	NJ
3.	592-27-8	HEPTANE, 2-METHYL-	8.26	4060.35	NJ
4.	1072-05-5	HEPTANE, 2,6-DIMETHYL-	9.34	38.98	NJ
5.	3073-66-3	CYCLOHEXANE, 1,1,3-TRIMETHYL	9.62	48.87	NJ
6.	4923-78-8	CYCLOHEXANE, 1-ETHYL-2-METHY	10.67	40.48	NJ
7.	2051-30-1	OCTANE, 2,6-DIMETHYL-	10.90	49.70	NJ
8.	1678-92-8	CYCLOHEXANE, PROPYL-	11.00	33.70	NJ
9.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.63	66.43	NJ
10.	95-36-3	1,2,4-TRIMETHYLBENZENE	12.08	83.74	NJ
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO

0010061-03B

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-03B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: D102620

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:10/17/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/00

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) OTHER

Number TICs found: 23 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN ALKYL BENZENE	4.96	25545.88	J
2.		UNKNOWN ALKYL BENZENE	5.35	17637.82	J
3.		UNKNOWN ALKYL BENZENE	5.97	19768.15	J
4.		UNKNOWN ALKYL BENZENE	6.07	18540.54	J
5.		UNKNOWN ALKYL BENZENE	6.73	14083.26	J
6.	17301-23-4	UNDECANE, 2,6-DIMETHYL-	7.19	10591.26	NJ
7.	54676-39-0	CYCLOHEXANE, 2-BUTYL-1,1,3-T	7.32	9114.72	NJ
8.		UNKNOWN ALKYL BENZENE	7.41	10274.61	J
9.	21164-95-4	HEXADECANE, 7,9-DIMETHYL-	7.63	13061.68	NJ
10.	54676-39-0	CYCLOHEXANE, 2-BUTYL-1,1,3-T	7.73	7534.44	NJ
11.		UNKNOWN ALKANE	8.13	15606.77	J
12.	582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	8.58	12532.65	NJ
13.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	8.67	20658.72	NJ
14.	581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	8.69	12659.57	NJ
15.	629-97-0	DOCOSANE	8.80	23235.97	NJ
16.	829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	9.46	9751.74	NJ
17.	112-95-8	EICOSANE	9.50	10182.43	NJ
18.		UNKNOWN HYDROCARBON	9.56	15986.51	J
19.	24251-86-3	DODECANE, 5,8-DIETHYL-	9.74	23130.63	NJ
20.	1921-70-6	PENTADECANE, 2,6,10,14-TETRA	10.01	15950.29	NJ
21.		UNKNOWN ALKANE	10.14	10392.54	J
22.	132-65-0	DIBENZOTHIOPHENE	10.42	8389.56	NJ
23.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	10.47	15916.85	NJ
24.					
25.					
26.					
27.					
28.					
29.					
30.					

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-04

Client Sample ID: WSB - 01
Collection Date: 10/12/00 10:17:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	2.0		µg/Kg	1	10/17/00 10:23:00 PM
Xylenes, Total	ND	15		µg/Kg	1	10/17/00 10:23:00 PM
Surr: 1,2-Dichloroethane-d4	108	70-130		%REC	1	10/17/00 10:23:00 PM
Surr: 4-Bromofluorobenzene	108	70-130		%REC	1	10/17/00 10:23:00 PM
Surr: Dibromofluoromethane	127	70-130		%REC	1	10/17/00 10:23:00 PM
Surr: Toluene-d8	124	70-130		%REC	1	10/17/00 10:23:00 PM
VOLATILE LIBRARY SEARCH			**SW8260**			Analyst: **PC**
Library Search (Attached)	See attached				1	10/17/00 10:23:00 PM
TCL SEMIVOLATILE ORGANICS			**SW8270**		Prep Date: **10/17/00**	Analyst: **HV**
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2,4-Dichlorophenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2,4-Dimethylphenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2,4-Dinitrophenol	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2-Chloronaphthalene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2-Chlorophenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2-Methylnaphthalene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2-Methylphenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
2-Nitroaniline	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
2-Nitrophenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
3,3'-Dichlorobenzidine	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
3-Nitroaniline	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
4,6-Dinitro-2-methylphenol	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
4-Bromophenyl phenyl ether	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
4-Chloro-3-methylphenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
4-Chloroaniline	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
4-Chlorophenyl phenyl ether	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
4-Methylphenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
4-Nitroaniline	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
4-Nitrophenol	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
Acenaphthene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Acenaphthylene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Anthracene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Benz(a)anthracene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-04

Client Sample ID: WSB - 01
Collection Date: 10/12/00 10:17:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Benzo(a)pyrene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Butyl benzyl phthalate	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Carbazole	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Chrysene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Di-n-butyl phthalate	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Di-n-octyl phthalate	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Dibenz(a,h)anthracene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Dibenzofuran	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Diethyl phthalate	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Dimethyl phthalate	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Fluoranthene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Fluorene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Hexachlorobenzene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Hexachlorobutadiene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Hexachlorocyclopentadiene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Hexachloroethane	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Isophorone	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Naphthalene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Nitrobenzene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Pentachlorophenol	ND	1,600		µg/Kg	1	10/23/00 7:28:00 PM
Phenanthrene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Phenol	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Pyrene	ND	330		µg/Kg	1	10/23/00 7:28:00 PM
Surr: 2,4,6-Tribromophenol	60.9	19-122		%REC	1	10/23/00 7:28:00 PM
Surr: 2-Fluorobiphenyl	56.8	30-115		%REC	1	10/23/00 7:28:00 PM
Surr: 2-Fluorophenol	58.0	24-121		%REC	1	10/23/00 7:28:00 PM
Surr: 4-Terphenyl-d14	62.5	18-137		%REC	1	10/23/00 7:28:00 PM
Surr: Nitrobenzene-d5	62.2	23-120		%REC	1	10/23/00 7:28:00 PM
Surr: Phenol-d6	55.5	24-113		%REC	1	10/23/00 7:28:00 PM
SEMIVOLATILE LIBRARY SEARCH				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
Library Search (Attached)	see attached				1	10/23/00 7:28:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	WSB - 01
Lab Order:	0010061	**Collection Date:**	10/12/00 10:17:00 AM
Project:	Westgate		
Lab ID:	0010061-04	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL			**SW9012**			Analyst: **STH**
Cyanide	ND	0.50		mg/Kg	1	10/20/00
MERCURY, SOIL			**SW7471A**		Prep Date: **10/17/00**	Analyst: **ALR**
Mercury	ND	100		µg/Kg	1	10/17/00 5:12:50 PM
ICP METALS, TOTAL			**SW6020**		Prep Date: **10/18/00**	Analyst: **HC**
Aluminum	9,830	5,000		mg/Kg	1000	10/31/00 1:41:00 PM
Antimony	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Arsenic	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Barium	147	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Beryllium	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Cadmium	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Chromium	9.55	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Cobalt	ND	5.00		mg/Kg	1	10/20/00 6:16:00 PM
Copper	7.72	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Iron	8,820	10.0		mg/Kg	1	10/26/00 5:53:00 PM
Lead	6.96	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Magnesium	3,500	50.0		mg/Kg	1	10/26/00 5:53:00 PM
Manganese	231	26.5		mg/Kg	5.296	10/28/00 3:40:00 PM
Nickel	9.64	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Potassium	2,540	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Selenium	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Silver	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Sodium	27.2	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Thallium	ND	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Vanadium	11.5	5.00		mg/Kg	1	10/26/00 5:53:00 PM
Zinc	44.4	5.00		mg/Kg	1	10/28/00 3:36:00 PM
CORROSIVITY			**SW9045B**			Analyst: **JLJ**
pH	8.78	0.10		pH Units	1	10/16/00 4:30:00 PM
PHENOLICS			**SW9065**			Analyst: **STH**
Phenolics, Total Recoverable	0.39	0.0050		mg/kg	1	10/25/00
TOTAL DISSOLVED SOLIDS			**E160.1**			Analyst: **MG**
Total Dissolved Solids (Residue, Filterable)	3,100	50		mg/Kg	1	10/19/00 11:00:00 AM
MISCELLANEOUS SUBCONTRACT CODE			**NA**			Analyst: **ETI**
Miscellaneous Analysis	See Attached				1	10/18/00

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- U - Analyzed for but Not Detected
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

04A

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-04A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: D101709

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: not dec. _____ Date Analyzed: 10/17/00

GC Column: DB624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ml) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1

SEMI[redacted]LATILE ORGANICS ANALYSIS DA[redacted]SHEET

[redacted]ENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0010061-04B

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-04B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: D102314

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:10/17/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/00

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) OTHER

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN HYDROCARBON	13.19	297.32	J
2.	629-78-7	HEPTADECANE	15.87	176.52	NJ
3.	112-95-8	EICOSANE	17.00	134.50	NJ
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	WSB - 02
Lab Order:	0010061	**Collection Date:**	10/12/00 9:30:00 AM
Project:	Westgate		
Lab ID:	0010061-05	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY, MODIFIED			**E300**			Analyst: **STH**
Chloride	74	40		mg/Kg	1	10/27/00
Fluoride	ND	20		mg/Kg	1	10/27/00
Nitrogen, Nitrate (As N)	56	30		mg/Kg	1	10/27/00
Sulfate	210	40		mg/Kg	1	10/27/00
PETROLEUM HYDROCARBONS, T/R			**E418.1**			Analyst: **STH**
Petroleum Hydrocarbons, TR	880	50		mg/Kg	1	10/19/00
TCL VOLATILE ORGANICS			**SW8260**			Analyst: **PC**
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
2-Butanone	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
2-Hexanone	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
4-Methyl-2-pentanone	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
Acetone	ND	25		µg/Kg	1	10/18/00 3:59:00 PM
Benzene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Bromoform	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
Bromomethane	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
Carbon disulfide	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Chlorobenzene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Chloroethane	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
Chloroform	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Chloromethane	ND	10		µg/Kg	1	10/18/00 3:59:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Dichloromethane	ND	25		µg/Kg	1	10/18/00 3:59:00 PM
Ethylbenzene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Styrene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Toluene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM
Trichloroethene	ND	5.0		µg/Kg	1	10/18/00 3:59:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

U - Analyzed for but Not Detected

E - Value above quantitation range

H - Analyzed outside of Hold Time

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-05

Client Sample ID: WSB - 02
Collection Date: 10/12/00 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	2.0		µg/Kg	1	10/18/00 3:59:00 PM
Xylenes, Total	ND	15		µg/Kg	1	10/18/00 3:59:00 PM
Surr: 1,2-Dichloroethane-d4	121	70-130		%REC	1	10/18/00 3:59:00 PM
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	1	10/18/00 3:59:00 PM
Surr: Dibromofluoromethane	138	70-130	S	%REC	1	10/18/00 3:59:00 PM
Surr: Toluene-d8	128	70-130		%REC	1	10/18/00 3:59:00 PM
VOLATILE LIBRARY SEARCH				**SW8260**		Analyst: **PC**
Library Search (Attached)	See attached				1	10/18/00 3:59:00 PM
TCL SEMIVOLATILE ORGANICS				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2,4-Dichlorophenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2,4-Dimethylphenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2,4-Dinitrophenol	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2-Chloronaphthalene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2-Chlorophenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2-Methylnaphthalene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2-Methylphenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
2-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
2-Nitrophenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
3,3'-Dichlorobenzidine	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
3-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
4,6-Dinitro-2-methylphenol	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
4-Bromophenyl phenyl ether	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
4-Chloro-3-methylphenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
4-Chloroaniline	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
4-Chlorophenyl phenyl ether	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
4-Methylphenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
4-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
4-Nitrophenol	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
Acenaphthene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Acenaphthylene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Anthracene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Benz(a)anthracene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-05

Client Sample ID: WSB - 02
Collection Date: 10/12/00 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Benzo(a)pyrene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Butyl benzyl phthalate	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Carbazole	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Chrysene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Di-n-butyl phthalate	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Di-n-octyl phthalate	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Dibenz(a,h)anthracene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Dibenzofuran	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Diethyl phthalate	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Dimethyl phthalate	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Fluoranthene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Fluorene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Hexachlorobenzene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Hexachlorobutadiene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Hexachlorocyclopentadiene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Hexachloroethane	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Isophorone	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Naphthalene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Nitrobenzene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Pentachlorophenol	ND	1,600		µg/Kg	1	10/26/00 9:17:00 PM
Phenanthrene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Phenol	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Pyrene	ND	330		µg/Kg	1	10/26/00 9:17:00 PM
Surr: 2,4,6-Tribromophenol	61.2	19-122		%REC	1	10/26/00 9:17:00 PM
Surr: 2-Fluorobiphenyl	58.9	30-115		%REC	1	10/26/00 9:17:00 PM
Surr: 2-Fluorophenol	43.9	24-121		%REC	1	10/26/00 9:17:00 PM
Surr: 4-Terphenyl-d14	65.1	18-137		%REC	1	10/26/00 9:17:00 PM
Surr: Nitrobenzene-d5	46.6	23-120		%REC	1	10/26/00 9:17:00 PM
Surr: Phenol-d6	50.8	24-113		%REC	1	10/26/00 9:17:00 PM
SEMIVOLATILE LIBRARY SEARCH				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
Library Search (Attached)	see attached				1	10/26/00 9:17:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	WSB - 02
Lab Order:	0010061	**Collection Date:**	10/12/00 9:30:00 AM
Project:	Westgate		
Lab ID:	0010061-05	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL			**SW9012**			Analyst: **STH**
Cyanide	ND	0.50		mg/Kg	1	10/20/00
MERCURY, SOIL			**SW7471A**		Prep Date: **10/17/00**	Analyst: **ALR**
Mercury	ND	100		µg/Kg	1	10/17/00 5:14:16 PM
ICP METALS, TOTAL			**SW6020**		Prep Date: **10/18/00**	Analyst: **HC**
Aluminum	8,010	2,500		mg/Kg	500	10/31/00 2:13:00 PM
Antimony	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Arsenic	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Barium	126	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Beryllium	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Cadmium	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Calcium	48,400	258		mg/Kg	5.158	10/26/00 6:05:00 PM
Chromium	7.54	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Cobalt	ND	5.00		mg/Kg	1	10/20/00 6:21:00 PM
Copper	5.32	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Iron	6,620	10.0		mg/Kg	1	10/26/00 6:01:00 PM
Lead	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Magnesium	2,950	50.0		mg/Kg	1	10/26/00 6:01:00 PM
Manganese	113	5.00		mg/Kg	1	10/20/00 6:21:00 PM
Nickel	7.72	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Potassium	1,780	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Selenium	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Silver	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Sodium	111	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Thallium	ND	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Vanadium	10.6	5.00		mg/Kg	1	10/26/00 6:01:00 PM
Zinc	43.1	5.00		mg/Kg	1	10/28/00 4:01:00 PM
CORROSIVITY			**SW9045B**			Analyst: **JLJ**
pH	8.53	0.10		pH Units	1	10/16/00 4:30:00 PM
PHENOLICS			**SW9065**			Analyst: **STH**
Phenolics, Total Recoverable	ND	0.0050		mg/kg	1	10/25/00
TOTAL DISSOLVED SOLIDS			**E160.1**			Analyst: **MG**
Total Dissolved Solids (Residue, Filterable)	1,900	50		mg/Kg	1	10/19/00 11:00:00 AM
MISCELLANEOUS SUBCONTRACT CODE			**NA**			Analyst: **ETI**
Miscellaneous Analysis	See Attached				1	10/18/00

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

U - Analyzed for but Not Detected

E - Value above quantitation range

H - Analyzed outside of Hold Time

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

05A

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-05A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: D101810

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: not dec. _____ Date Analyzed: 10/18/00

GC Column: DB624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ml) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0010061-05B

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-05B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: D102625

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:10/17/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/00

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) OTHER

Number TICs found: 17

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	6.52	5484.79	NJ
2.	17301-23-4	UNDECANE, 2,6-DIMETHYL-	7.19	4284.14	NJ
3.		UNKNOWN ALKANE	7.63	11720.75	J
4.	31295-56-4	DODECANE, 2,6,11-TRIMETHYL-	8.31	8278.08	NJ
5.	629-59-4	TETRADECANE	8.44	8523.49	NJ
6.	3891-98-3	DODECANE, 2,6,10-TRIMETHYL-	8.79	11633.77	NJ
7.	629-62-9	PENTADECANE	9.00	6255.13	NJ
8.	544-76-3	HEXADECANE	9.51	6765.44	NJ
9.	24251-86-3	DODECANE, 5,8-DIETHYL-	9.75	17970.69	NJ
10.	629-78-7	HEPTADECANE	9.98	9204.85	NJ
11.	1921-70-6	PENTADECANE, 2,6,10,14-TETRA	10.01	22786.02	NJ
12.	593-45-3	OCTADECANE	10.43	8555.59	NJ
13.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	10.47	21905.06	NJ
14.	629-92-5	NONADECANE	10.85	7342.09	NJ
15.	629-97-0	DOCOSANE	12.00	4582.05	NJ
16.	3386-33-2	OCTADECANE, 1-CHLORO-	12.35	4489.51	NJ
17.	75758-27-9	7,12A-DIMETHYL-1,2,3,4,4A,11	15.19	9677.25	NJ
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-06

Client Sample ID: SB 1510 - 01 (5-7')
Collection Date: 10/12/00 1:28:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY, MODIFIED			**E300**			Analyst: **STH**
Chloride	400	40		mg/Kg	1	10/27/00
Fluoride	ND	20		mg/Kg	1	10/27/00
Nitrogen, Nitrate (As N)	ND	30		mg/Kg	1	10/27/00
Sulfate	52	40		mg/Kg	1	10/27/00
PETROLEUM HYDROCARBONS, T/R			**E418.1**			Analyst: **STH**
Petroleum Hydrocarbons, TR	2,100	100		mg/Kg	1	10/19/00
TCL VOLATILE ORGANICS			**SW8260**			Analyst: **PC**
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
2-Butanone	21	10		µg/Kg	1	10/18/00 4:26:00 PM
2-Hexanone	ND	10		µg/Kg	1	10/18/00 4:26:00 PM
4-Methyl-2-pentanone	ND	10		µg/Kg	1	10/18/00 4:26:00 PM
Acetone	250	50		µg/Kg	2	10/19/00 4:12:00 PM
Benzene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Bromoform	ND	10		µg/Kg	1	10/18/00 4:26:00 PM
Bromomethane	ND	10		µg/Kg	1	10/18/00 4:26:00 PM
Carbon disulfide	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Chlorobenzene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Chloroethane	ND	10		µg/Kg	1	10/18/00 4:26:00 PM
Chloroform	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Chloromethane	ND	10		µg/Kg	1	10/18/00 4:26:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Dibromochloromethane	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Dichloromethane	ND	.25		µg/Kg	1	10/18/00 4:26:00 PM
Ethylbenzene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Styrene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Tetrachloroethene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Toluene	5.2	5.0		µg/Kg	1	10/18/00 4:26:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM
Trichloroethene	ND	5.0		µg/Kg	1	10/18/00 4:26:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-06

Client Sample ID: SB 1510 - 01 (5-7')
Collection Date: 10/12/00 1:28:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	ND	2.0		µg/Kg	1	10/18/00 4:26:00 PM
Xylenes, Total	32	15		µg/Kg	1	10/18/00 4:26:00 PM
Surr: 1,2-Dichloroethane-d4	110	70-130		%REC	2	10/19/00 4:12:00 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%REC	1	10/18/00 4:26:00 PM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	10/18/00 4:26:00 PM
Surr: 4-Bromofluorobenzene	93.3	70-130		%REC	2	10/19/00 4:12:00 PM
Surr: Dibromofluoromethane	0	70-130	S	%REC	1	10/18/00 4:26:00 PM
Surr: Dibromofluoromethane	17.8	70-130	S	%REC	2	10/19/00 4:12:00 PM
Surr: Toluene-d8	149	70-130	S	%REC	1	10/18/00 4:26:00 PM
Surr: Toluene-d8	132	70-130	S	%REC	2	10/19/00 4:12:00 PM
VOLATILE LIBRARY SEARCH			**SW8260**			Analyst: **PC**
Library Search (Attached)	See attached				1	10/18/00 4:26:00 PM
TCL SEMIVOLATILE ORGANICS			**SW8270**		Prep Date: **10/17/00**	Analyst: **HV**
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2,4-Dichlorophenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2,4-Dimethylphenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2,4-Dinitrophenol	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2-Chloronaphthalene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2-Chlorophenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2-Methylnaphthalene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2-Methylphenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
2-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM
2-Nitrophenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
3,3'-Dichlorobenzidine	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
3-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM
4,6-Dinitro-2-methylphenol	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM
4-Bromophenyl phenyl ether	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
4-Chloro-3-methylphenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
4-Chloroaniline	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
4-Chlorophenyl phenyl ether	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
4-Methylphenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
4-Nitroaniline	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM
4-Nitrophenol	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc.

Date: *31-Oct-2000*

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-06

Client Sample ID: SB 1510 - 01 (5-7')
Collection Date: 10/12/00 1:28:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Acenaphthene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Acenaphthylene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Anthracene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Benz(a)anthracene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Benzo(a)pyrene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Butyl benzyl phthalate	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Carbazole	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Chrysene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Di-n-butyl phthalate	480	330		µg/Kg	1	10/26/00 9:44:00 PM
Di-n-octyl phthalate	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Dibenz(a,h)anthracene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Dibenzofuran	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Diethyl phthalate	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Dimethyl phthalate	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Fluoranthene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Fluorene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Hexachlorobenzene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Hexachlorobutadiene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Hexachlorocyclopentadiene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Hexachloroethane	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Isophorone	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Naphthalene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Nitrobenzene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Pentachlorophenol	ND	1,600		µg/Kg	1	10/26/00 9:44:00 PM
Phenanthrene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Phenol	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Pyrene	ND	330		µg/Kg	1	10/26/00 9:44:00 PM
Surr: 2,4,6-Tribromophenol	41.2	19-122		%REC	1	10/26/00 9:44:00 PM
Surr: 2-Fluorobiphenyl	71.1	30-115		%REC	1	10/26/00 9:44:00 PM
Surr: 2-Fluorophenol	32.6	24-121		%REC	1	10/26/00 9:44:00 PM
Surr: 4-Terphenyl-d14	86.0	18-137		%REC	1	10/26/00 9:44:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT: Craig Lewis & Associates
Lab Order: 0010061
Project: Westgate
Lab ID: 0010061-06

Client Sample ID: SB 1510 - 01 (5-7')
Collection Date: 10/12/00 1:28:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Surr: Nitrobenzene-d5	56.2	23-120		%REC	1	10/26/00 9:44:00 PM
Surr: Phenol-d6	40.4	24-113		%REC	1	10/26/00 9:44:00 PM
SEMIVOLATILE LIBRARY SEARCH				**SW8270**	Prep Date: **10/17/00**	Analyst: **HV**
Library Search (Attached)	see attached				1	10/26/00 9:44:00 PM
CYANIDE, TOTAL				**SW9012**		Analyst: **STH**
Cyanide	ND	0.50		mg/Kg	1	10/20/00
MERCURY, SOIL				**SW7471A**	Prep Date: **10/17/00**	Analyst: **ALR**
Mercury	ND	100		µg/Kg	1	10/17/00 5:15:42 PM
ICP METALS, TOTAL				**SW6020**	Prep Date: **10/18/00**	Analyst: **HC**
Aluminum	9,760	2,700		mg/Kg	539.49	10/28/00 4:09:00 PM
Antimony	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Arsenic	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Barium	5,150	2,700		mg/Kg	539.49	10/28/00 4:09:00 PM
Beryllium	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Cadmium	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Calcium	146,000	5,000		mg/Kg	100	10/28/00 4:05:00 PM
Chromium	11.4	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Cobalt	ND	5.00		mg/Kg	1	10/20/00 6:25:00 PM
Copper	7.22	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Iron	8,410	10.0		mg/Kg	1	10/26/00 6:18:00 PM
Lead	37.5	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Magnesium	5,410	50.0		mg/Kg	1	10/26/00 6:18:00 PM
Manganese	186	5.00		mg/Kg	1	10/20/00 6:25:00 PM
Nickel	10.6	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Potassium	1,220	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Selenium	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Silver	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Sodium	178	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Thallium	ND	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Vanadium	17.3	5.00		mg/Kg	1	10/26/00 6:18:00 PM
Zinc	642	250		mg/Kg	50	10/28/00 4:13:00 PM
CORROSIVITY				**SW9045B**		Analyst: **JLJ**
pH	12.15	0.10		pH Units	1	10/16/00 4:30:00 PM
PHENOLICS				**SW9065**		Analyst: **STH**
Phenolics, Total Recoverable	0.97	0.0050		mg/kg	1	10/25/00
TOTAL DISSOLVED SOLIDS				**E160.1**		Analyst: **MG**
Total Dissolved Solids (Residue, Filterable)	7,300	50		mg/Kg	1	10/19/00 11:00:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
U - Analyzed for but Not Detected
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab, Inc. **Date:** *31-Oct-2000*

CLIENT:	Craig Lewis & Associates	**Client Sample ID:**	SB 1510 - 01 (5-7')
Lab Order:	0010061	**Collection Date:**	10/12/00 1:28:00 PM
Project:	Westgate		
Lab ID:	0010061-06	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MISCELLANEOUS SUBCONTRACT CODE			**NA**			Analyst: **ETI**
Miscellaneous Analysis	See Attached				1	10/18/00

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- U - Analyzed for but Not Detected
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

06A

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-06A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: D101811

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: not dec. _____ Date Analyzed: 10/18/00

GC Column: DB624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ml) Soil Aliquot Volume: _____(uL)

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	124-18-5	DECANE	11.68	201.00	NJ
2.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.03	95.29	NJ
3.	1120-21-4	UNDECANE	12.86	208.49	NJ
4.	4292-75-5	CYCLOHEXANE, HEXYL-	13.47	84.91	NJ
5.	95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	13.57	80.30	NJ
6.	112-40-3	DODECANE	13.96	175.34	NJ
7.	488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	13.99	94.85	NJ
8.	938-06-7	2(1H)-NAPHTHALENONE, OCTAHYD	14.16	78.08	NJ
9.	629-50-5	TRIDECANE	14.97	84.58	NJ
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0010061-06B

Lab Name: E-LAB, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: 0010061

Matrix: (soil/water) SOIL Lab Sample ID: 0010061-06B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: D102626

Level: (low/med) LOW Date Received: 10/13/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:10/17/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/00

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) OTHER

Number TICs found: 21

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1120-21-4	UNDECANE	6.17	5570.54	NJ
2.	112-40-3	DODECANE	7.08	8533.74	NJ
3.	17301-23-4	UNDECANE, 2,6-DIMETHYL-	7.19	4440.95	NJ
4.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	7.63	1337.69	NJ
5.	629-50-5	TRIDECANE	7.81	2163.10	NJ
6.		UNKNOWN HYDROCARBON	8.14	954.22	J
7.	629-59-4	TETRADECANE	8.44	2994.35	NJ
8.	629-62-9	PENTADECANE	9.00	2322.98	NJ
9.	544-76-3	HEXADECANE	9.51	2499.19	NJ
10.	7098-22-8	TETRATETRACONTANE	9.74	225.43	NJ
11.	629-78-7	HEPTADECANE	9.98	310.00	NJ
12.	3891-98-3	DODECANE, 2,6,10-TRIMETHYL-	10.01	258.55	NJ
13.	593-45-3	OCTADECANE	10.42	256.96	NJ
14.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	10.47	213.00	NJ
15.	629-92-5	NONADECANE	10.85	247.89	NJ
16.	3386-33-2	OCTADECANE, 1-CHLORO-	11.25	245.49	NJ
17.	18435-45-5	1-NONADECENE	11.63	234.33	NJ
18.		UNKNOWN ALKANE	11.99	193.04	J
19.		UNKNOWN HYDROCARBON	12.35	244.01	J
20.		UNKNOWN HYDROCARBON	12.71	225.98	J
21.		UNKNOWN HYDROCARBON	13.11	647.63	J
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

ENVIRO-TEST CHEMICAL ANALYSIS REPORT

PRELIMINARY RESULTS FOR REVIEW ONLY

Lab ID	Sample ID	Test Description	Result	D.L.	Units	Extracted	Analyzed	By
L2008-1	0010061-01C							
Sample Date:	11-OCT-00							
Matrix:	SOIL SAMPLE							
		Gamma Spectroscopy						
		Radium-226	1.2 +/- 0.3	0.2	pCi/g		18-OCT-00	DMF
		Radium-228	0.8 +/- 0.3	0.4	pCi/g		18-OCT-00	DMF
L2008-2	0010061-02C							
Sample Date:	11-OCT-00							
Matrix:	SOIL SAMPLE							
		Gamma Spectroscopy						
		Radium-226	1.6 +/- 0.5	0.3	pCi/g		18-OCT-00	DMF
		Radium-228	1.1 +/- 0.8	0.8	pCi/g		18-OCT-00	DMF
L2008-3	0010061-03C							
Sample Date:	11-OCT-00							
Matrix:	SOIL SAMPLE							
		Gamma Spectroscopy						
		Radium-226	1.3 +/- 0.3	0.2	pCi/g		18-OCT-00	DMF
		Radium-228	0.5 +/- 0.4	0.4	pCi/g		18-OCT-00	DMF
L2008-4	0010061-04C							
Sample Date:	12-OCT-00							
Matrix:	SOIL SAMPLE							
		Gamma Spectroscopy						
		Radium-226	1.3 +/- 0.4	0.3	pCi/g		18-OCT-00	DMF
		Radium-228	1 +/- 0.5	0.5	pCi/g		18-OCT-00	DMF
L2008-5	0010061-05C							
Sample Date:	12-OCT-00							
Matrix:	SOIL SAMPLE							
		Gamma Spectroscopy						
		Radium-226	1.1 +/- 0.2	0.1	pCi/g		18-OCT-00	DMF
		Radium-228	0.6 +/- 0.3	0.4	pCi/g		18-OCT-00	DMF
L2008-6	0010061-06C							
Sample Date:	12-OCT-00							
Matrix:	SOIL SAMPLE							
		Gamma Spectroscopy						
		Radium-226	1.4 +/- 0.4	0.2	pCi/g		18-OCT-00	DMF
		Radium-228	<0.6 +/- 0.4	0.6	pCi/g		18-OCT-00	DMF

e-Lab, Inc.

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

Date: *Nov 08 2000*

QC BATCH REPORT

Batch ID: **564** InstrumentID: **ICP4500**

MBLK Sample ID **MBLKS1-1018** Batch ID: **564** Test Code: **SW6020** Units: **mg/Kg** Analysis Date **10/26/00 3:30:00 PM** Prep Date **10/18/00**

Client ID: Run ID: **ICP4500_001026A** SeqNo: **38334**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.004395	5.0									J
Antimony	ND	5.0									
Arsenic	0.09682	5.0									J
Barium	ND	5.0									
Beryllium	ND	5.0									
Cadmium	ND	5.0									
Calcium	ND	50									
Chromium	ND	5.0									
Copper	0.001086	5.0									J
Iron	ND	10									
Lead	ND	5.0									
Magnesium	ND	50									
Nickel	ND	5.0									
Potassium	ND	5.0									
Selenium	ND	5.0									
Silver	ND	5.0									
Sodium	ND	5.0									
Thallium	ND	5.0									
Vanadium	ND	5.0									

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: 564 InstrumentID: ICP4500

MBLK Sample ID **MBLKS1-1018** Batch ID: **564** Test Code: **SW6020** Units: **mg/Kg** Analysis Date **10/28/00 2:38:00 PM** Prep Date **10/18/00**

Client ID: Run ID: **6020_001028A** SeqNo: **38718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.1866	5.0									J
Antimony	ND	5.0									
Arsenic	0.00683	5.0									J
Barium	ND	5.0									
Beryllium	ND	5.0									
Cadmium	ND	5.0									
Calcium	ND	50									
Chromium	ND	5.0									
Cobalt	ND	5.0									
Copper	0.001717	5.0									J
Iron	ND	10									
Lead	ND	5.0									
Magnesium	ND	50									
Manganese	ND	5.0									
Nickel	ND	5.0									
Potassium	ND	5.0									
Selenium	ND	5.0									
Silver	ND	5.0									
Sodium	ND	5.0									
Thallium	ND	5.0									
Vanadium	0.03909	5.0									J
Zinc	0.1014	5.0									J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **564** InstrumentID: **ICP4500**

LCS Sample ID **MLCSS1-1018** Batch ID: **564** Test Code: **SW6020** Units: **mg/Kg** Analysis Date **10/26/00 3:34:00 PM** Prep Date **10/18/00**

Client ID: Run ID: **ICP4500_001026A** SeqNo: **38335**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9.226	5.0	10	0.004395	92.3	75	125	0			
Antimony	10.31	5.0	10	0	103	75	125	0			
Arsenic	11.05	5.0	10	0.09682	110	75	125	0			
Barium	10.82	5.0	10	0	108	75	125	0			
Beryllium	10.28	5.0	10	0	103	75	125	0			
Cadmium	10.95	5.0	10	0	110	75	125	0			
Calcium	1088	50	1000	0	109	75	125	0			
Chromium	10.83	5.0	10	0	108	75	125	0			
Copper	12.09	5.0	10	0.001086	121	75	125	0			
Iron	1070	10	1000	0	107	75	125	0			
Lead	10.72	5.0	10	0	107	75	125	0			
Magnesium	1127	50	1000	0	113	75	125	0			
Manganese	12.48	5.0	10	0	125	75	125	0			
Nickel	11.11	5.0	10	0	111	75	125	0			
Potassium	1056	5.0	1000	0	106	75	125	0			
Selenium	10.9	5.0	10	0	109	75	125	0			
Silver	11.1	5.0	10	0	111	75	125	0			
Sodium	1070	5.0	1000	0	107	75	125	0			
Thallium	10.52	5.0	10	0	105	75	125	0			
Vanadium	10.91	5.0	10	0	109	75	125	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **564** InstrumentID: **ICP4500**

LCS Sample ID **MLCSS1-1018** Batch ID: **564** Test Code: **SW6020** Units: **mg/Kg** Analysis Date **10/28/00 2:42:00 PM** Prep Date 10/18/00

Client ID: Run ID: **6020_001028A** SeqNo: **38719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	10.64	5.0	10	0.1866	106	75	125	0			
Antimony	11.6	5.0	10	0	116	75	125	0			
Arsenic	10.03	5.0	10	0.00683	100	75	125	0			
Barium	10.32	5.0	10	0	103	75	125	0			
Beryllium	9.684	5.0	10	0	96.8	75	125	0			
Cadmium	10.11	5.0	10	0	101	75	125	0			
Calcium	999.7	50	1000	0	100	75	125	0			
Chromium	10	5.0	10	0	100	75	125	0			
Cobalt	12.02	5.0	10	0	120	75	125	0			
Copper	10.27	5.0	10	0.001717	103	75	125	0			
Iron	1004	10	1000	0	100	75	125	0			E
Lead	9.988	5.0	10	0	99.9	75	125	0			
Magnesium	993.3	50	1000	0	99.3	75	125	0			
Manganese	11.12	5.0	10	0	111	75	125	0			
Nickel	10.13	5.0	10	0	101	75	125	0			
Potassium	990.1	5.0	1000	0	99	75	125	0			
Selenium	9.895	5.0	10	0	98.9	75	125	0			
Silver	7.919	5.0	10	0	79.2	75	125	0			
Sodium	985.1	5.0	1000	0	98.5	75	125	0			E
Thallium	9.697	5.0	10	0	97	75	125	0			
Vanadium	9.888	5.0	10	0.03909	98.9	75	125	0			
Zinc	10.61	5.0	10	0.1014	106	75	125	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **564** InstrumentID: **ICP4500**

MS Sample ID **0010053-10BMS** Batch ID: **564** Test Code: **SW6020** Units: **mg/Kg** Analysis Date **10/20/00 5:34:00 PM** Prep Date **10/18/00**

Client ID: Run ID: **6020_001020C** SeqNo: **37489**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5280	5.0	10	0	52800	80	120	0			SE
Antimony	5.405	5.0	10	0	54	80	120	0			S
Arsenic	12.57	5.0	10	0	126	80	120	0			S
Barium	55.75	5.0	10	0	558	80	120	0			S
Beryllium	10.26	5.0	10	0	103	80	120	0			
Cadmium	10.57	5.0	10	0	106	80	120	0			
Calcium	6016	50	100	0	6020	80	120	0			S
Chromium	16.94	5.0	10	0	169	80	120	0			S
Cobalt	12.55	5.0	10	0	126	80	120	0			S
Copper	16.97	5.0	10	0	170	80	120	0			S
Iron	7504	10	100	0	7500	80	120	0			S
Lead	34.26	5.0	10	0	343	80	120	0			S
Magnesium	1658	50	100	0	1660	80	120	0			S
Manganese	236.1	5.0	10	0	2360	80	120	0			SE
Nickel	14.32	5.0	10	0	143	80	120	0			S
Potassium	1373	5.0	100	0	1370	80	120	0			S
Selenium	10.05	5.0	10	0	101	80	120	0			
Silver	11.1	5.0	10	0	111	80	120	0			
Sodium	1061	5.0	100	0	1060	80	120	0			SE
Thallium	9.217	5.0	10	0	92.2	80	120	0			
Vanadium	20.1	5.0	10	0	201	80	120	0			S
Zinc	58.47	5.0	10	0	585	80	120	0			S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **564** InstrumentID: **ICP4500**

DUP Sample ID **0010053-08BDUP** Batch ID: **564** Test Code: **SW6020** Units: **mg/Kg** Analysis Date **10/20/00 5:25:00 PM** Prep Date **10/18/00**

Client ID: Run ID: **6020_001020C** SeqNo: **37487**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	3696	5.0	0	0	0	0	0	4884	27.7	20	RE
Antimony	ND	5.0	0	0	0	0	0	0	0	20	
Arsenic	1.979	5.0	0	0	0	0	0	1.781	0	20	J
Barium	29.98	5.0	0	0	0	0	0	38.73	25.5	20	R
Beryllium	0.2741	5.0	0	0	0	0	0	0.3137	0	20	J
Cadmium	0.205	5.0	0	0	0	0	0	0.2465	0	20	J
Calcium	3605	50	0	0	0	0	0	5595	43.3	20	R
Chromium	8.212	5.0	0	0	0	0	0	8.329	1.41	20	
Cobalt	1.904	5.0	0	0	0	0	0	2.112	0	20	J
Copper	6.002	5.0	0	0	0	0	0	5.972	0.501	20	
Iron	4811	10	0	0	0	0	0	4886	1.55	20	
Lead	21.07	5.0	0	0	0	0	0	16.52	24.2	20	R
Magnesium	316.9	50	0	0	0	0	0	570.3	57.1	20	R
Manganese	178.5	5.0	0	0	0	0	0	205.1	13.9	20	
Nickel	3.217	5.0	0	0	0	0	0	3.359	0	20	J
Potassium	212.4	5.0	0	0	0	0	0	359	51.3	20	R
Selenium	ND	5.0	0	0	0	0	0	0	0	20	
Silver	ND	5.0	0	0	0	0	0	0	0	20	
Sodium	20.92	5.0	0	0	0	0	0	42.99	69.1	20	R
Thallium	ND	5.0	0	0	0	0	0	0	0	20	
Vanadium	8.871	5.0	0	0	0	0	0	9.932	11.3	20	
Zinc	40.08	5.0	0	0	0	0	0	41.38	3.19	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2234 InstrumentID: **Mercury**

MBLK	Sample ID MBLKS1-1017	Batch ID: R2234	Test Code: SW7471A	Units: µg/Kg	Analysis Date 10/17/00 4:50:30 PM	Prep Date 10/17/00
Client ID:		Run ID: MERCURY_001017B		SeqNo: 35698		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	100									

LCS	Sample ID MLCSS1-1017	Batch ID: R2234	Test Code: SW7471A	Units: µg/Kg	Analysis Date 10/17/00 4:51:56 PM	Prep Date 10/17/00
Client ID:		Run ID: MERCURY_001017B		SeqNo: 35699		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	755	100	833.3	0	90.6	75	125	0			

MS	Sample ID 0010061-01BMS	Batch ID: R2234	Test Code: SW7471A	Units: µg/Kg	Analysis Date 10/17/00 5:02:26 PM	Prep Date 10/17/00
Client ID: SB13-30-01 (3'-5')		Run ID: MERCURY_001017B		SeqNo: 35703		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	750	100	833.3	0	90	75	125	0			

MSD	Sample ID 0010061-01BMSD	Batch ID: R2234	Test Code: SW7471A	Units: µg/Kg	Analysis Date 10/17/00 5:03:53 PM	Prep Date 10/17/00
Client ID: SB13-30-01 (3'-5')		Run ID: MERCURY_001017B		SeqNo: 35704		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	768.3	100	833.3	0	92.2	75	125	750	2.41	20	

DUP	Sample ID 0010061-01BDUP	Batch ID: R2234	Test Code: SW7471A	Units: µg/Kg	Analysis Date 10/17/00 4:56:15 PM	Prep Date 10/17/00
Client ID: SB13-30-01 (3'-5')		Run ID: MERCURY_001017B		SeqNo: 35702		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	100	0	0	0			0	0	20	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: 562 InstrumentID: SV-2

MBLK Sample ID SBLKS1-1017 Batch ID: 562 Test Code: SW8270 Units: µg/Kg Analysis Date 10/23/00 5:13:00 PM Prep Date 10/17/00

Client ID: Run ID: SV-2_001023A SeqNo: 38214

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	330									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1,600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1,600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	330									
3-Nitroaniline	ND	1,600									
4,6-Dinitro-2-methylphenol	ND	1,600									
4-Bromophenyl phenyl ether	ND	330									
4-Chloro-3-methylphenol	ND	330									
4-Chloroaniline	ND	330									
4-Chlorophenyl phenyl ether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1,600									
4-Nitrophenol	ND	1,600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									
Benz(a)anthracene	ND	330									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: 562 InstrumentID: SV-2

Benzo(a)pyrene	ND	330							
Benzo(b)fluoranthene	ND	330							
Benzo(g,h,i)perylene	ND	330							
Benzo(k)fluoranthene	ND	330							
Bis(2-chloroethoxy)methane	ND	330							
Bis(2-chloroethyl)ether	ND	330							
Bis(2-chloroisopropyl)ether	ND	330							
Bis(2-ethylhexyl)phthalate	90.95	330							J
Butyl benzyl phthalate	ND	330							
Carbazole	ND	330							
Chrysene	ND	330							
Di-n-butyl phthalate	65.56	330							J
Di-n-octyl phthalate	ND	330							
Dibenz(a,h)anthracene	ND	330							
Dibenzofuran	ND	330							
Diethyl phthalate	ND	330							
Dimethyl phthalate	ND	330							
Fluoranthene	ND	330							
Fluorene	ND	330							
Hexachlorobenzene	ND	330							
Hexachlorobutadiene	ND	330							
Hexachlorocyclopentadiene	ND	330							
Hexachloroethane	ND	330							
Indeno(1,2,3-cd)pyrene	ND	330							
Isophorone	ND	330							
N-Nitrosodi-n-propylamine	ND	330							
N-Nitrosodiphenylamine	ND	330							
Naphthalene	ND	330							
Nitrobenzene	ND	330							
Pentachlorophenol	ND	1,600							
Phenanthrene	ND	330							
Phenol	ND	330							
Pyrene	ND	330							
Surr: 2,4,6-Tribromophenol	2896	0	3333	0	86.9	19	122	0	
Surr: 2-Fluorobiphenyl	2927	0	3333	0	87.8	30	115	0	
Surr: 2-Fluorophenol	2272	0	3333	0	68.2	24	121	0	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: 562 InstrumentID: SV-2

MS Sample ID 0010061-01BMS Batch ID: 562 Test Code: SW8270 Units: µg/Kg Analysis Date 10/26/00 7:56:00 PM Prep Date 10/17/00

Client ID: SB13-30-01 (3'-5') Run ID: SV-2_001023A SeqNo: 38242

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1415	330	1667	0	84.9	50	150	0			
1,4-Dichlorobenzene	1269	330	1667	0	76.1	50	150	0			
2,4-Dinitrotoluene	897.1	330	1667	0	53.8	28	89	0			
2-Chlorophenol	2655	330	3333	0	79.7	25	102	0			
4-Chloro-3-methylphenol	2947	330	3333	0	88.4	26	103	0			
4-Nitrophenol	2647	1,600	3333	0	79.4	11	114	0			
Acenaphthene	1383	330	1667	0	83	31	137	0			
N-Nitrosodi-n-propylamine	1373	330	1667	0	82.4	41	126	0			
Pentachlorophenol	3417	1,600	3333	0	103	17	109	0			
Phenol	2370	330	3333	0	71.1	26	90	0			
Pyrene	1704	330	1667	0	102	35	142	0			
Surr: 2,4,6-Tribromophenol	3543	0	3333	0	106	19	122	0			
Surr: 2-Fluorobiphenyl	3015	0	3333	0	90.5	30	115	0			
Surr: 2-Fluorophenol	2375	0	3333	0	71.3	24	121	0			
Surr: 4-Terphenyl-d14	3464	0	3333	0	104	18	137	0			
Surr: Nitrobenzene-d5	2567	0	3333	0	77	23	120	0			
Surr: Phenol-d6	2709	0	3333	0	81.3	24	113	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **562** InstrumentID: **SV-2**

MSD Sample ID **0010061-01BMSD** Batch ID: **562** Test Code: **SW8270** Units: **µg/Kg** Analysis Date **10/26/00 8:23:00 PM** Prep Date **10/17/00**

Client ID: **SB13-30-01 (3'-5')** Run ID: **SV-2_001023A** SeqNo: **38243**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1393	330	1667	0	83.6	50	150	1415	1.55	20	
1,4-Dichlorobenzene	1205	330	1667	0	72.3	50	150	1269	5.19	20	
2,4-Dinitrotoluene	785.9	330	1667	0	47.2	28	89	897.1	13.2	20	
2-Chlorophenol	2493	330	3333	0	74.8	25	102	2655	6.3	20	
4-Chloro-3-methylphenol	2921	330	3333	0	87.6	26	103	2947	0.908	20	
4-Nitrophenol	2266	1,600	3333	0	68	11	114	2647	15.5	20	
Acenaphthene	1318	330	1667	0	79.1	31	137	1383	4.81	20	
N-Nitrosodi-n-propylamine	1288	330	1667	0	77.3	41	126	1373	6.32	20	
Pentachlorophenol	3115	1,600	3333	0	93.5	17	109	3417	9.23	20	
Phenol	2246	330	3333	0	67.4	26	90	2370	5.39	20	
Pyrene	1587	330	1667	0	95.2	35	142	1704	7.13	20	
Surr: 2,4,6-Tribromophenol	3289	0	3333	0	98.7	19	122	3543	7.45	0	
Surr: 2-Fluorobiphenyl	2965	0	3333	0	89	30	115	3015	1.67	0	
Surr: 2-Fluorophenol	2202	0	3333	0	66.1	24	121	2375	7.58	0	
Surr: 4-Terphenyl-d14	3340	0	3333	0	100	18	137	3464	3.63	0	
Surr: Nitrobenzene-d5	2434	0	3333	0	73	23	120	2567	5.33	0	
Surr: Phenol-d6	2529	0	3333	0	75.9	24	113	2709	6.85	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **R2242** InstrumentID: **VOA_II**

MBLK Sample ID **VBLKS** Batch ID: **R2242** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/17/00 8:12:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001017D** SeqNo: **35842**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
2-Butanone	ND	10									
2-Hexanone	ND	10									
4-Methyl-2-pentanone	ND	10									
Acetone	ND	25									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	10									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichloromethane	ND	25									
Ethylbenzene	ND	5.0									
Styrene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2242 InstrumentID: VOA_II

Trichloroethene	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
Surr: 1,2-Dichloroethane-d4	51.58	0	50	0	103	70	130	0
Surr: 4-Bromofluorobenzene	53.36	0	50	0	107	70	130	0
Surr: Dibromofluoromethane	60.23	0	50	0	120	70	130	0
Surr: Toluene-d8	56.03	0	50	0	112	70	130	0

LCS Sample ID **VLCSS** Batch ID: **R2242** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/17/00 7:45:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001017D** SeqNo: **35841**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	35.11	5.0	50	0	70.2	59	172	0			
Benzene	45.59	5.0	50	0	91.2	66	142	0			
Chlorobenzene	49.95	5.0	50	0	99.9	60	133	0			
Toluene	51.94	5.0	50	0	104	59	139	0			
Trichloroethene	39.94	5.0	50	0	79.9	62	137	0			
Surr: 1,2-Dichloroethane-d4	49.04	0	50	0	98.1	70	130	0			
Surr: 4-Bromofluorobenzene	53.11	0	50	0	106	70	130	0			
Surr: Dibromofluoromethane	60.02	0	50	0	120	70	130	0			
Surr: Toluene-d8	57.24	0	50	0	114	70	130	0			

MS Sample ID **0010061-01AMS** Batch ID: **R2242** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/17/00 9:04:00 PM** Prep Date

Client ID: **SB13-30-01 (3'-5')** Run ID: **VOA_II_001017D** SeqNo: **35844**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	33.89	5.0	50	0	67.8	59	172	0			
Benzene	44.18	5.0	50	0	88.4	66	142	0			
Chlorobenzene	47.05	5.0	50	0	94.1	60	133	0			
Toluene	56.28	5.0	50	0	113	59	139	0			
Trichloroethene	36.03	5.0	50	0	72.1	62	137	0			
Surr: 1,2-Dichloroethane-d4	52.65	0	50	0	105	70	130	0			
Surr: 4-Bromofluorobenzene	43.66	0	50	0	87.3	70	130	0			
Surr: Dibromofluoromethane	61.53	0	50	0	123	70	130	0			
Surr: Toluene-d8	64.3	0	50	0	129	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2242 InstrumentID: VOA_II

MSD Sample ID **0010061-01AMSD** Batch ID: **R2242** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/17/00 9:30:00 PM** Prep Date

Client ID: **SB13-30-01 (3'-5')** Run ID: **VOA_II_001017D** SeqNo: **35845**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.91	5.0	50	0	75.8	59	172	33.89	11.2	22	
Benzene	45.59	5.0	50	0	91.2	66	142	44.18	3.14	21	
Chlorobenzene	48.03	5.0	50	0	96.1	60	133	47.05	2.08	21	
Toluene	59.28	5.0	50	0	119	59	139	56.28	5.19	21	
Trichloroethene	35.63	5.0	50	0	71.3	62	137	36.03	1.13	24	
Surr: 1,2-Dichloroethane-d4	57.79	0	50	0	116	70	130	52.65	9.32	0	
Surr: 4-Bromofluorobenzene	42.56	0	50	0	85.1	70	130	43.66	2.56	0	
Surr: Dibromofluoromethane	64.91	0	50	0	130	70	130	61.53	5.34	0	
Surr: Toluene-d8	66.39	0	50	0	133	70	130	64.3	3.19	0	S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2252 InstrumentID: VOA_II

MBLK Sample ID **VBLKM** Batch ID: **R2252** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/18/00 7:06:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001018B** SeqNo: **36011**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	620									
1,1,2,2-Tetrachloroethane	ND	620									
1,1,2-Trichloroethane	ND	620									
1,1-Dichloroethane	ND	620									
1,1-Dichloroethene	ND	620	50	0	0	0	0	0			
1,2-Dichloroethane	ND	620									
1,2-Dichloropropane	ND	620									
2-Butanone	ND	1,200									
2-Hexanone	ND	1,200									
4-Methyl-2-pentanone	ND	1,200									
Acetone	ND	3,100									
Benzene	ND	620	50	0	0	0	0	0			
Bromodichloromethane	ND	620									
Bromoform	ND	1,200									
Bromomethane	ND	1,200									
Carbon disulfide	ND	620									
Carbon tetrachloride	ND	620									
Chlorobenzene	ND	620	50	0	0	0	0	0			
Chloroethane	ND	1,200									
Chloroform	ND	620									
Chloromethane	ND	1,200									
cis-1,2-Dichloroethene	ND	620									
cis-1,3-Dichloropropene	ND	620									
Dibromochloromethane	ND	620									
Dichloromethane	ND	3,100									
Ethylbenzene	ND	620									
Styrene	ND	620									
Tetrachloroethene	ND	620									
Toluene	ND	620	50	0	0	0	0	0			
trans-1,2-Dichloroethene	ND	620									
trans-1,3-Dichloropropene	ND	620									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2252 InstrumentID: VOA_II

Trichloroethene	ND	620	50	0	0	0	0	0
Vinyl chloride	ND	250						
Xylenes, Total	ND	1,900						
Surr: 1,2-Dichloroethane-d4	6765	0	6250	0	108	70	130	0
Surr: 4-Bromofluorobenzene	6561	0	6250	0	105	70	130	0
Surr: Dibromofluoromethane	6829	0	6250	0	109	70	130	0
Surr: Toluene-d8	6370	0	6250	0	102	70	130	0

LCS Sample ID **VLCSM** Batch ID: **R2252** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/18/00 6:14:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001018B** SeqNo: **36010**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	6202	620	6250	0	99.2	59	172	0			
Benzene	6649	620	6250	0	106	66	142	0			
Chlorobenzene	6623	620	6250	0	106	60	133	0			
Toluene	6574	620	6250	0	105	59	139	0			
Trichloroethene	6956	620	6250	0	111	62	137	0			
Surr: 1,2-Dichloroethane-d4	6600	0	6250	0	106	70	130	0			
Surr: 4-Bromofluorobenzene	6511	0	6250	0	104	70	130	0			
Surr: Dibromofluoromethane	6644	0	6250	0	106	70	130	0			
Surr: Toluene-d8	6433	0	6250	0	103	70	130	0			

MS Sample ID **0010061-03AMS** Batch ID: **R2252** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/19/00 12:41:00 AM** Prep Date

Client ID: **SB 12-30-01 (20 -** Run ID: **VOA_II_001018B** SeqNo: **36013**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	5265	620	6250	0	84.2	59	172	0			
Benzene	6598	620	6250	0	106	66	142	0			
Chlorobenzene	6478	620	6250	0	104	60	133	0			
Toluene	6079	620	6250	0	97.3	59	139	0			
Trichloroethene	6472	620	6250	0	104	62	137	0			
Surr: 1,2-Dichloroethane-d4	7597	0	6250	0	122	70	130	0			
Surr: 4-Bromofluorobenzene	6449	0	6250	0	103	70	130	0			
Surr: Dibromofluoromethane	7373	0	6250	0	118	70	130	0			
Surr: Toluene-d8	6569	0	6250	0	105	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2252 InstrumentID: VOA_II

MSD Sample ID **0010061-03AMSD** Batch ID: **R2252** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/19/00 1:07:00 AM** Prep Date

Client ID: **SB 12-30-01 (20 -** Run ID: **VOA_II_001018B** SeqNo: **36014**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	5506	620	6250	0	88.1	59	172	5265	4.47	22	
Benzene	6815	620	6250	0	109	66	142	6598	3.24	21	
Chlorobenzene	6785	620	6250	0	109	60	133	6478	4.64	21	
Toluene	6400	620	6250	0	102	59	139	6079	5.15	21	
Trichloroethene	6819	620	6250	0	109	62	137	6472	5.23	24	
Surr: 1,2-Dichloroethane-d4	7398	0	6250	0	118	70	130	7597	2.65	0	
Surr: 4-Bromofluorobenzene	6588	0	6250	0	105	70	130	6449	2.14	0	
Surr: Dibromofluoromethane	7116	0	6250	0	114	70	130	7373	3.55	0	
Surr: Toluene-d8	6547	0	6250	0	105	70	130	6569	0.345	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2253 InstrumentID: VOA_II

MBLK Sample ID **VBLKS** Batch ID: **R2253** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/18/00 12:55:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001018C** SeqNo: **36015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
2-Butanone	ND	10									
2-Hexanone	ND	10									
4-Methyl-2-pentanone	ND	10									
Acetone	ND	25									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	10									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichloromethane	ND	25									
Ethylbenzene	ND	5.0									
Styrene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; D - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **R2253** InstrumentID: **VOA_II**

Trichloroethene	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
Surr: 1,2-Dichloroethane-d4	50.81	0	50	0	102	70	130	0
Surr: 4-Bromofluorobenzene	56.18	0	50	0	112	70	130	0
Surr: Dibromofluoromethane	60.24	0	50	0	120	70	130	0
Surr: Toluene-d8	58.09	0	50	0	116	70	130	0

LCS Sample ID **VLCSS** Batch ID: **R2253** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/18/00 12:29:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001018C** SeqNo: **36024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	50.61	5.0	50	0	101	59	172	0			
Benzene	52.26	5.0	50	0	105	66	142	0			
Chlorobenzene	53	5.0	50	0	106	60	133	0			
Toluene	56.02	5.0	50	0	112	59	139	0			
Trichloroethene	44.62	5.0	50	0	89.2	62	137	0			
Surr: 1,2-Dichloroethane-d4	49.9	0	50	0	99.8	70	130	0			
Surr: 4-Bromofluorobenzene	56.91	0	50	0	114	70	130	0			
Surr: Dibromofluoromethane	59.52	0	50	0	119	70	130	0			
Surr: Toluene-d8	59.21	0	50	0	118	70	130	0			

MS Sample ID **0010070-01AMS** Batch ID: **R2253** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/18/00 1:48:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001018C** SeqNo: **36017**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	31.68	5.0	50	0	63.4	59	172	0			
Benzene	41.85	5.0	50	0	83.7	66	142	0			
Chlorobenzene	46.03	5.0	50	0	92.1	60	133	0			
Toluene	48.84	5.0	50	0	97.7	59	139	0			
Trichloroethene	36.77	5.0	50	0	73.5	62	137	0			
Surr: 1,2-Dichloroethane-d4	54.25	0	50	0	109	70	130	0			
Surr: 4-Bromofluorobenzene	52.55	0	50	0	105	70	130	0			
Surr: Dibromofluoromethane	62.69	0	50	0	125	70	130	0			
Surr: Toluene-d8	60.58	0	50	0	121	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2253 InstrumentID: VOA_II

MSD Sample ID 0010070-01AMSD Batch ID: R2253 Test Code: SW8260 Units: µg/Kg Analysis Date 10/18/00 2:14:00 PM Prep Date

Client ID: Run ID: VOA_II_001018C SeqNo: 36018

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.31	5.0	50	0	68.6	59	172	31.68	7.99	22	
Benzene	44.99	5.0	50	0	90	66	142	41.85	7.22	21	
Chlorobenzene	48.84	5.0	50	0	97.7	60	133	46.03	5.94	21	
Toluene	51.6	5.0	50	0	103	59	139	48.84	5.49	21	
Trichloroethene	39.55	5.0	50	0	79.1	62	137	36.77	7.28	24	
Surr: 1,2-Dichloroethane-d4	53.61	0	50	0	107	70	130	54.25	1.18	0	
Surr: 4-Bromofluorobenzene	54.08	0	50	0	108	70	130	52.55	2.87	0	
Surr: Dibromofluoromethane	62.42	0	50	0	125	70	130	62.69	0.425	0	
Surr: Toluene-d8	60.44	0	50	0	121	70	130	60.58	0.228	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **R2255** InstrumentID: **VOA_II**

MBLK Sample ID **VBLKS** Batch ID: **R2255** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/19/00 2:01:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001019A** SeqNo: **36110**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
2-Butanone	ND	10									
2-Hexanone	ND	10									
4-Methyl-2-pentanone	ND	10									
Acetone	ND	25									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	10									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichloromethane	ND	25									
Ethylbenzene	ND	5.0									
Styrene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2255 InstrumentID: VOA_II

Trichloroethene	ND	5.0							
Vinyl chloride	ND	2.0							
Xylenes, Total	ND	15							
Surr: 1,2-Dichloroethane-d4	54	0	50	0	108	70	130	0	
Surr: 4-Bromofluorobenzene	56.73	0	50	0	113	70	130	0	
Surr: Dibromofluoromethane	62.68	0	50	0	125	70	130	0	
Surr: Toluene-d8	58.28	0	50	0	117	70	130	0	

LCS Sample ID **VLCSS** Batch ID: **R2255** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/19/00 1:34:00 PM** Prep Date

Client ID: Run ID: **VOA_II_001019A** SeqNo: **36109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	52.18	5.0	50	0	104	59	172	0			
Benzene	53.03	5.0	50	0	106	66	142	0			
Chlorobenzene	53.72	5.0	50	0	107	60	133	0			
Toluene	57.05	5.0	50	0	114	59	139	0			
Trichloroethene	45.54	5.0	50	0	91.1	62	137	0			
Surr: 1,2-Dichloroethane-d4	51.96	0	50	0	104	70	130	0			
Surr: 4-Bromofluorobenzene	56.67	0	50	0	113	70	130	0			
Surr: Dibromofluoromethane	62.05	0	50	0	124	70	130	0			
Surr: Toluene-d8	58.79	0	50	0	118	70	130	0			

MS Sample ID **0010061-06AMS** Batch ID: **R2255** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/19/00 3:20:00 PM** Prep Date

Client ID: **SB 1510 - 01 (5-7')** Run ID: **VOA_II_001019A** SeqNo: **36113**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	243.8	25	250	0	97.5	59	172	0			
Benzene	262.2	25	250	0	105	66	142	0			
Chlorobenzene	262.9	25	250	0	105	60	133	0			
Toluene	289.9	25	250	0	116	59	139	0			
Trichloroethene	217.9	25	250	0	87.2	62	137	0			
Surr: 1,2-Dichloroethane-d4	271.8	0	250	0	109	70	130	0			
Surr: 4-Bromofluorobenzene	260	0	250	0	104	70	130	0			
Surr: Dibromofluoromethane	83.51	0	250	0	33.4	70	130	0			S
Surr: Toluene-d8	305.9	0	250	0	122	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: **R2255** InstrumentID: **VOA_II**

MSD Sample ID **0010061-06AMSD** Batch ID: **R2255** Test Code: **SW8260** Units: **µg/Kg** Analysis Date **10/19/00 3:46:00 PM** Prep Date

Client ID: **SB 1510 - 01 (5-7')** Run ID: **VOA_II_001019A** SeqNo: **36114**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	304.9	25	250	0	122	59	172	243.8	22.3	22	R
Benzene	315.4	25	250	0	126	66	142	262.2	18.4	21	
Chlorobenzene	309.3	25	250	0	124	60	133	262.9	16.2	21	
Toluene	345.8	25	250	0	138	59	139	289.9	17.6	21	
Trichloroethene	259.8	25	250	0	104	62	137	217.9	17.5	24	
Surr: 1,2-Dichloroethane-d4	275.1	0	250	0	110	70	130	271.8	1.2	0	
Surr: 4-Bromofluorobenzene	250.8	0	250	0	100	70	130	260	3.58	0	
Surr: Dibromofluoromethane	49.53	0	250	0	19.8	70	130	83.51	51.1	0	S
Surr: Toluene-d8	308.8	0	250	0	124	70	130	305.9	0.945	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2193 InstrumentID: **Wet Chemistry**

DUP Sample ID **0010061-06BDUP** Batch ID: **R2193** Test Code: **SW9045B** Units: **pH Units** Analysis Date **10/16/00 4:30:00 PM** Prep Date

Client ID: **SB 1510 - 01 (5-7')** Run ID: **WET CHEMISTRY_0010** SeqNo: **35258**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	12.17	0.10	0	0	0	75	125	12.15	0.164	20	

DUP Sample ID **0010065-01CDUP** Batch ID: **R2193** Test Code: **SW9045B** Units: **pH Units** Analysis Date **10/16/00 4:30:00 PM** Prep Date

Client ID: Run ID: **WET CHEMISTRY_0010** SeqNo: **35260**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	9.55	0.10	0	0	0	75	125	9.57	0.209	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

CLIENT: Craig Lewis & Associates
Work Order: 0010061
Project: Westgate

QC BATCH REPORT

Batch ID: R2263 InstrumentID: **Wet Chemistry**

MBLK	Sample ID WBLKW1-1019	Batch ID: R2263	Test Code: E160.1	Units: mg/Kg	Analysis Date 10/19/00 11:00:00 AM	Prep Date
Client ID:		Run ID: WET CHEMISTRY_0010		SeqNo: 36494		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

LCS	Sample ID WLCSW1-1019	Batch ID: R2263	Test Code: E160.1	Units: mg/Kg	Analysis Date 10/19/00 11:00:00 AM	Prep Date
Client ID:		Run ID: WET CHEMISTRY_0010		SeqNo: 36495		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	972	10	1000	0	97.2	75	125	0			

DUP	Sample ID 0010061-01BDUP	Batch ID: R2263	Test Code: E160.1	Units: mg/Kg	Analysis Date 10/19/00 11:00:00 AM	Prep Date
Client ID: SB13-30-01 (3'-5')		Run ID: WET CHEMISTRY_0010		SeqNo: 36497		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	740	50	0	0	0	0	0	760	2.67	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
U - Analyzed for but not detected

E-Lab
QUALITY - INTEGRITY - SERVICE

Chain of Custody Form

E-Lab Work Order # 20100161

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Westgate	A	TCL Volatiles (8260B)
Work Order		Project Number		B	TCL Semivolatiles (8270C)
Company Name	Dean Consulting	Bill To Company	Dean Consulting	C	TAL Metals (6020/7000)
Send Report To:	Joe Dean	Invoice Attn:	Joe Dean	D	Total Cyanide
Address:	301 E. Alabama	Address:	301 E. Alabama	E	Phenolics
				F	pH & TDS
City/State/Zip	Hobbs, NM 88242	City/State/Zip	Hobbs, NM 88242	G	TPH (418.1)
Phone	(505) 392-2528	Phone	(505) 392-2528	H	NO3, Fluoride, Chloride, & Sulfate (300)
Fax	(505) 396-5305	Fax	(505) 396-5305	I	Radium E901.1

No.	Sample Description	Date	Time	Matrix	No. of Bottles	A	B	C	D	E	F	G	H	I	Hold
1	WSB-01	10/12	10:17	Soil	3										
2	WSB-02	10/12	9:30	Soil	3										
3	SB ~~1501~~ 1510-01 5-7'	10/12	1:28	Soil	3										
4															
5															
6															
7															
8															
9															
10															

Sampler(s): Please Print & Sign	Shipment Method:	Airbill No.:	Required TAT:	Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Joe Dean	10-12-10	3:45			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by: (Laboratory)	Date:	Time:
				10/13/10	0915

Notes:

QC Package: (Check Box Below)

Standard QC + Raw Data	X
Level IV - SW846 Methods	
Level IV - CLP SOI	

E-Lab, Inc. 10450 Stancliff Rd. Suite 210 Houston, TX 77099 Phone: (281) 530-5656 Fax: (281) 530-5887

Note: Any changes must be made in writing once samples and COC Form have been submitted to E-Lab, Inc.

COC Form.xls

e-Lab
QUALITY - INTEGRITY - SERVICE

Page | | of | |

Chain of Custody Form

E-Lab Work Order # 0010061

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Westsate	A	TCL Volatiles (8260B)
Work Order		Project Number		B	TCL Semivolatiles (8270C)
Company Name	Dean Consulting	Bill To Company	Dean Consulting	C	TAL Metals (6020/7000)
Send Report To:	Joe Dean	Invoice Attn:	Joe Dean	D	Total Cyanide
Address:	301 E. Alabama	Address:	301 E. Alabama	E	Phenolics
				F	pH & TDS
City/State/Zip	Hobbs, NM 88242	City/State/Zip	Hobbs, NM 88242	G	TPH (418.1)
Phone	(505) 392-2528	Phone	(505) 392-2528	H	NO3, Fluoride, Chloride, & Sulfate (300)
Fax	(505) 396-5305	Fax	(505) 396-5305	I	Radium E901.1

No.	Sample Description	Date	Time	Matrix	No. of Bottles	A	B	C	D	E	F	G	H	I	Hold
1	SB13-30-01 (3'-5')	10/11	08:43	SOIL	3										
2	SB13-30-01 (8'-11')	10/11	09:16	SOIL	3										
3	~~SB13-30-01 (14'-17')~~	~~10/11~~	~~10:45~~	~~SOIL~~	~~3~~										
4	SB13-30-01 (20-23')	10/11	2:03	SOIL	3										
5															
6															
7															
8															
9															
10															

Sampler(s): Please Print & Sign	Shipment Method:	Airbill No.:	Required TAT:	Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	10-12-00	3:45			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by: (Laboratory)	Date: 10/13/00	Time: 0915

Notes:

QC Package: (Check Box Below)

Standard QC + Raw Data	X
Level IV - SW846 Methods	
Level IV - CLP SOW	

E-Lab, Inc. 10460 Stancliff Rd. Suite 210 Houston, TX 77099 Phone: (281) 530-5656 Fax: (281) 530-5887

Note: Any changes must be made in writing once samples and COC Form have been submitted to E-Lab, Inc.

COC Form.xls

e-Lab, Inc.

Sample Receipt Checklist

Client Name CRAIG LEWIS & ASSOC.

Date/Time Received: 10/13/00 9:15:00 AM

Work Order Numbe 0010061

Received by: JLE

Checklist completed by _____ 10/16/00
Signature Date

Reviewed by LMM 10/16/00
Initials Date

Matrix: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☑	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	LMM 10/16/00
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature(s): 4.1 C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA LMM 10/16/00

Adjusted? _____ Checked by _____

Login Notes:

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted Joe Dean - Dean Consulting Date contacted: 10/13/00 Person contacted Joe Dean

Contacted by: LDunlap Regarding: _____

Comments: add TICs to samples. Run all analytes on COC

add 5-7' to Sample LMM 10/16 SB 1510-01

Corrective Action _____

FEDERAL EXPRESS

USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL' PACKAGE TRACKING NUMBER 1248873625

1248873625 4.1°C

RECIPIENT'S COPY

1 Date

From (Your Name) Please Print | Your Phone Number (Very Important)

Company | Department/Floor No.

Street Address

City | State | ZIP Required

2 To (Recipient's Name) Please Print | Recipient's Phone Number (Very Important)

Company | Department/Floor No.

Exact Street Address *(We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.)*

City | State | ZIP Required

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)

H *IF HOLD AT FEDEX LOCATION, Print FEDEX Address Here*
Street Address

City | State | ZIP Required

3 PAYMENT 1 ☐ Bill Sender 2 ☐ Bill Recipient's FedEx Acct. No 3 ☐ Bill 3rd Party FedEx Acct. No. 4 ☐ Bill Credit Card
5 ☐ Cash/Check

4 SERVICES (Check only one box)

Priority Overnight (Delivery by next business morning†)	Standard Overnight (Delivery by next business afternoon. No Saturday delivery.††)
11 ☐ OTHER PACKAGING	51 ☐ OTHER PACKAGING
16 ☐ FEDEX LETTER*	56 ☐ FEDEX LETTER*
12 ☐ FEDEX PAK*	52 ☐ FEDEX PAK*
13 ☐ FEDEX BOX	53 ☐ FEDEX BOX
14 ☐ FEDEX TUBE	54 ☐ FEDEX TUBE
Economy Two-Day (Delivery by second business day.††)	**Government Overnight** (Restricted for authorized users only.)
30 ☐ ECONOMY*	46 ☐ GOVT LETTER
* Economy Letter Rate not available. Minimum charge: One pound Economy rate	41 ☐ GOVT PACKAGE
Freight Service (for packages over 150 lbs.)	
80 ☐ TWO-DAY FREIGHT**	
** Declared Value Limit $500. †† Varies by delivery schedule	

5 DELIVERY AND SPECIAL HANDLING (Check services required)

Weekday Service
1 ☐ HOLD AT FEDEX LOCATION WEEKDAY (Fill in Section H)
2 ☐ DELIVER WEEKDAY

Saturday Service
31 ☐ HOLD AT FEDEX LOCATION SATURDAY (Fill in Section H)
3 ☐ DELIVER SATURDAY (Extra charge) (Not available to all locations)
9 ☐ SATURDAY PICK-UP (Extra charge)

Special Handling
4 ☐ DANGEROUS GOODS (Extra charge)
6 ☐ DRY ICE Dangerous Goods Shipper's Declaration not required
[Dry Ice 9, UN 1845] X kg 904 lb
☐
12 ☐ HOLIDAY DELIVERY (If offered) (Extra charge)

6

PACKAGES	WEIGHT In Pounds Only	YOUR DECLARED VALUE (See right)
Total	Total	Total

DIM SHIPMENT (Chargeable Weight)
[ ] lbs.
X X
Length Width Height

7 Release Signature:

Emp. No. | Date

☐ Cash Received
☐ Return Shipment
☐ Third Party ☐ Chg. To Del. ☐ Chg. To Hold

Street Address

City | State | Zip

Received By:
X

Date/Time Received | FedEx Employee Number

Federal Express Use
Base Charges
Declared Value Charge
Other 1
Other 2
Total Charges

REVISION DATE 12/92
PART #13726 GBCT
FORMAT #158
158

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International Inc.
P.O. Box 805
Hobbs, NM 88241

Report Date: September 6, 2000

Order ID Number: A00082506

Project Number: N/A
Project Name: Shell Westgate
Project Location: Hobbs,NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
152139	0008241101 North Side	Soil	8/24/00	10:40	8/25/00
152140	0008241118 South Side	Soil	8/24/00	11:00	8/25/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

RECEIVED
SEP 11 2000
BY:

Analytical and Quality Control Report

North Side Sample

Sample: 152139 - 0008241101

Analysis:	TPH	Analytical Method:	E 418.1	QC Batch:	QC04675	Date Analyzed:	9/6/00
Analyst:	BP	Preparation Method:	E 3550B	Prep Batch:	PB04072	Date Prepared:	9/5/00

Param	Flag	Result	Units	Dilution	RDL
TRPHC		726	mg/Kg	1	10

South Side Sample

Sample: 152140 - 0008241118

Analysis:	TPH	Analytical Method:	E 418.1	QC Batch:	QC04675	Date Analyzed:	9/6/00
Analyst:	BP	Preparation Method:	E 3550B	Prep Batch:	PB04072	Date Prepared:	9/5/00

Param	Flag	Result	Units	Dilution	RDL
TRPHC		<10.0	mg/Kg	1	10

Quality Control Report
Method Blank

Sample: Method Blank QCBatch: QC04675

Param	Flag	Results	Units	Reporting Limit
TRPHC		<10.0	mg/Kg	10

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Sample: LCS QC Batch: QC04675

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TRPHC		235	mg/Kg	1	250	<10.0	94		70 - 130	20

Sample: LCSD QC Batch: QC04675

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TRPHC		233	mg/Kg	1	250	<10.0	93	1	70 - 130	20

Quality Control Report
Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC04675

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TRPHC		245	mg/Kg	1	250	<10.0	98		70 - 130	20

Sample: MSD QC Batch: QC04675

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TRPHC		278	mg/Kg	1	250	<10.0	111	13	70 - 130	20

Quality Control Report
Continuing Calibration Verification Standards

Sample: CCV (1) QC Batch: QC04675

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	93.9	93	70 - 130	9/6/00

Sample: CCV (2) QC Batch: QC04675

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	103	103	70 - 130	9/6/00

Sample: ICV (1) QC Batch: QC04675

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	92	92	70 - 130	9/6/00

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International Inc.
P.O. Box 805
Hobbs, NM 88241

Report Date: September 1, 2000

Order ID Number: A00082506

Project Number: N/A
Project Name: Shell Westgate
Project Location: Hobbs,NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
152139	0008241101	Soil	8/24/00	10:40	8/25/00
152140	0008241118	Soil	8/24/00	11:00	8/25/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 13 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical and Quality Control Report

North Side Sample

Sample: 152139 - 0008241101

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04568	Date Analyzed:	8/29/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03973	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 152139 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		47.00	µg/Kg	1	50	94	69 - 116
Toluene-d8		49.50	µg/Kg	1	50	99	88 - 114
4-Bromofluorobenzene		50.68	µg/Kg	1	50	101	74 - 110

Sample: 152139 - 0008241101

Analysis:	TCLP Hg	Analytical Method:	S 7470A	QC Batch:	QC04618	Date Analyzed:	8/30/00
Analyst:	MS	Preparation Method:	E 1311	Prep Batch:	PB04021	Date Prepared:	8/30/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 152139 - 0008241101

Analysis:	TCLP Metals	Analytical Method:	S 6010B	QC Batch:	QC04617	Date Analyzed:	8/31/00
Analyst:	RR	Preparation Method:	E 1311	Prep Batch:	PB03933	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<0.10	mg/L	1	0.10
TCLP Barium		1.6	mg/L	1	0.10
TCLP Cadmium		<0.02	mg/L	1	0.02
TCLP Chromium		<0.05	mg/L	1	0.05

Continued ...

... *Continued* Sample: 152139 Analysis: TCLP Metals

Param	Flag	Result	Units	Dilution	RDL
TCLP Lead		<0.10	mg/L	1	0.10
TCLP Selenium		<0.10	mg/L	1	0.10
TCLP Silver		<0.05	mg/L	1	0.05

South Side Sample

Sample: 152140 - 0008241118

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04568	Date Analyzed:	8/29/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03973	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 152140 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		47.80	µg/Kg	1	50	95	69 - 116
Toluene-d8		49.96	µg/Kg	1	50	99	88 - 114
4-Bromofluorobenzene		49.83	µg/Kg	1	50	99	74 - 110

Sample: 152140 - 0008241118

Analysis:	TCLP Hg	Analytical Method:	S 7470A	QC Batch:	QC04618	Date Analyzed:	8/30/00
Analyst:	MS	Preparation Method:	E 1311	Prep Batch:	PB04021	Date Prepared:	8/30/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 152140 - 0008241118

Analysis:	TCLP Metals	Analytical Method:	S 6010B	QC Batch:	QC04617	Date Analyzed:	8/31/00
Analyst:	RR	Preparation Method:	E 1311	Prep Batch:	PB03933	Date Prepared:	8/29/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<0.10	mg/L	1	0.10
TCLP Barium		1.5	mg/L	1	0.10
TCLP Cadmium		<0.02	mg/L	1	0.02
TCLP Chromium		<0.05	mg/L	1	0.05
TCLP Lead		<0.10	mg/L	1	0.10
TCLP Selenium		<0.10	mg/L	1	0.10
TCLP Silver		<0.05	mg/L	1	0.05

Quality Control Report
Method Blank

Sample: Method Blank QCBatch: QC04568

Param	Flag	Results	Units	Reporting Limit
Bromochloromethane		<50	µg/Kg	2
Dichlorodifluoromethane		<50	µg/Kg	2
Chloromethane (methyl chloride)		<50	µg/Kg	2
Vinyl Chloride		<50	µg/Kg	2
Bromomethane (methyl bromide)		<125	µg/Kg	5
Chloroethane		<50	µg/Kg	2
Trichlorofluoromethane		<50	µg/Kg	2
Acetone		<250	µg/Kg	10
Iodomethane (methyl iodide)		<50	µg/Kg	2
Carbon Disulfide		<50	µg/Kg	2
Acrylonitrile		<50	µg/Kg	2
2-Butanone (MEK)		<50	µg/Kg	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	10
2-hexanone		<50	µg/Kg	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	10
1,1-Dichloroethene		<50	µg/Kg	2
Methylene chloride		<125	µg/Kg	5
MTBE		<50	µg/Kg	2
trans-1,2-Dichloroethene		<50	µg/Kg	2
1,1-Dichloroethane		<50	µg/Kg	2
cis-1,2-dichloroethene		<50	µg/Kg	2
2,2-Dichloropropane		<50	µg/Kg	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	2
Chloroform		<50	µg/Kg	2
1,1,1-Trichloroethane		<50	µg/Kg	2
1,1-Dichloropropene		<50	µg/Kg	2
Benzene		<50	µg/Kg	2
Carbon Tetrachloride		<50	µg/Kg	2
1,2-Dichloropropane		<50	µg/Kg	2
Trichloroethene (TCE)		<50	µg/Kg	2
Dibromomethane (methylene bromide)		<50	µg/Kg	2
Bromodichloromethane		<50	µg/Kg	2
2-Chloroethyl vinyl ether		<250	µg/Kg	10

Continued ...

... Continued

Param	Flag	Results	Units	Reporting Limit
cis-1,3-Dichloropropene		<50	µg/Kg	2
trans-1,3-Dichloropropene		<50	µg/Kg	2
Toluene		<50	µg/Kg	2
1,1,2-Trichloroethane		<50	µg/Kg	2
1,3-Dichloropropane		<50	µg/Kg	2
Dibromochloromethane		<50	µg/Kg	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	2
Tetrachloroethene (PCE)		<50	µg/Kg	2
Chlorobenzene		<50	µg/Kg	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	2
Ethylbenzene		<50	µg/Kg	2
m,p-Xylene		<50	µg/Kg	2
Bromoform		<50	µg/Kg	2
Styrene		<50	µg/Kg	2
o-Xylene		<50	µg/Kg	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	2
2-Chlorotoluene		<50	µg/Kg	2
1,2,3-Trichloropropane		<50	µg/Kg	2
Isopropylbenzene		<50	µg/Kg	2
Bromobenzene		<50	µg/Kg	2
n-Propylbenzene		<50	µg/Kg	2
1,3,5-Trimethylbenzene		<50	µg/Kg	2
tert-Butylbenzene		<50	µg/Kg	2
1,2,4-Trimethylbenzene		<50	µg/Kg	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	2
sec-Butylbenzene		<50	µg/Kg	2
1,3-Dichlorobenzene		<50	µg/Kg	2
p-Isopropyltoluene		<50	µg/Kg	2
4-Chlorotoluene		<50	µg/Kg	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	2
n-Butylbenzene		<50	µg/Kg	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	5
1,2,3-Trichlorobenzene		<125	µg/Kg	5
1,2,4-Trichlorobenzene		<125	µg/Kg	5
Naphthalene		<50	µg/Kg	2
Hexachlorobutadiene		<125	µg/Kg	5

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
Dibromofluoromethane		49.59	µg/Kg	50	99	69 - 116
Toluene-d8		52.64	µg/Kg	50	105	88 - 114
4-Bromofluorobenzene		44.53	µg/Kg	50	89	74 - 110

Sample: Method Blank

QCBatch: QC04617

Param	Flag	Results	Units	Reporting Limit
TCLP Arsenic		<0.10	mg/L	0.10

Continued ...

... Continued

Param	Flag	Results	Units	Reporting Limit
TCLP Barium		<0.10	mg/L	0.10
TCLP Cadmium		<0.02	mg/L	0.02
TCLP Chromium		<0.05	mg/L	0.05
TCLP Lead		<0.10	mg/L	0.10
TCLP Selenium		<0.10	mg/L	0.10
TCLP Silver		<0.05	mg/L	0.05

Sample: Method Blank QCBatch: QC04618

Param	Flag	Results	Units	Reporting Limit
TCLP Mercury		<0.010	mg/L	0.01

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Sample: LCS QC Batch: QC04568

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		88	µg/Kg	1	100	<50	88		80 - 120	20
Benzene		89	µg/Kg	1	100	<50	89		80 - 120	20
Trichloroethene (TCE)		89	µg/Kg	1	100	<50	89		80 - 120	20
Toluene		89	µg/Kg	1	100	<50	89		80 - 120	20
Chlorobenzene		93	µg/Kg	1	100	<50	93		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		49.77	µg/Kg	1	50	99	69 - 116
Toluene-d8		50.34	µg/Kg	1	50	100	88 - 114
4-Bromofluorobenzene		46.07	µg/Kg	1	50	92	74 - 110

Sample: LCSD QC Batch: QC04568

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		91	µg/Kg	1	100	<50	91	3	80 - 120	20
Benzene		93	µg/Kg	1	100	<50	93	4	80 - 120	20
Trichloroethene (TCE)		93	µg/Kg	1	100	<50	93	4	80 - 120	20

Continued ...

... Continued

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Toluene		93	µg/Kg	1	100	<50	93	4	80 - 120	20
Chlorobenzene		96	µg/Kg	1	100	<50	96	3	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		49.55	µg/Kg	1	50	99	69 - 116
Toluene-d8		50.36	µg/Kg	1	50	100	88 - 114
4-Bromofluorobenzene		45.68	µg/Kg	1	50	91	74 - 110

Sample: LCS

QC Batch: QC04617

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		9.85	mg/L	1	10	<0.10	98		75 - 125	20
TCLP Barium		20	mg/L	1	20	<0.10	100		75 - 125	20
TCLP Cadmium		1.99	mg/L	1	2	<0.02	99		75 - 125	20
TCLP Chromium		4.09	mg/L	1	4	<0.05	102		75 - 125	20
TCLP Lead		10.1	mg/L	1	10	<0.10	101		75 - 125	20
TCLP Selenium		8.83	mg/L	1	10	<0.10	88		75 - 125	20
TCLP Silver		1.96	mg/L	1	2	<0.05	98		75 - 125	20

Sample: LCSD

QC Batch: QC04617

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		10.3	mg/L	1	10	<0.10	103	4	75 - 125	20
TCLP Barium		20.7	mg/L	1	20	<0.10	103	3	75 - 125	20
TCLP Cadmium		2.04	mg/L	1	2	<0.02	102	2	75 - 125	20
TCLP Chromium		4.17	mg/L	1	4	<0.05	104	2	75 - 125	20
TCLP Lead		10.3	mg/L	1	10	<0.10	103	2	75 - 125	20
TCLP Selenium		9.01	mg/L	1	10	<0.10	90	2	75 - 125	20
TCLP Silver		2.04	mg/L	1	2	<0.05	102	4	75 - 125	20

Sample: LCS

QC Batch: QC04618

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0412	mg/L	1	0.05	<0.010	82		80 - 120	20

Sample: LCSD QC Batch: QC04618

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0468	mg/L	1	0.05	<0.010	93	13	80 - 120	20

Quality Control Report
Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC04568

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		93	µg/Kg	1	100		93		80 - 120	20
1,1-Dichloroethene		93	µg/Kg	1	100	<50	93		80 - 120	20
Benzene		95	µg/Kg	1	100		95		74 - 121	20
Benzene		95	µg/Kg	1	100	<50	95		74 - 121	20
Trichloroethene (TCE)		92	µg/Kg	1	100		92		72 - 121	20
Trichloroethene (TCE)		92	µg/Kg	1	100	<50	92		72 - 121	20
Toluene		94	µg/Kg	1	100		94		75 - 134	20
Toluene		94	µg/Kg	1	100	<50	94		75 - 134	20
Chlorobenzene		97	µg/Kg	1	100		97		83 - 120	20
Chlorobenzene		97	µg/Kg	1	100	<50	97		83 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		47.75	µg/Kg	1	50	95	69 - 116
Toluene-d8		48.76	µg/Kg	1	50	97	88 - 114
4-Bromofluorobenzene		50.05	µg/Kg	1	50	100	74 - 110

Sample: MSD QC Batch: QC04568

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		92	µg/Kg	1	100		92	1	80 - 120	20
1,1-Dichloroethene		92	µg/Kg	1	100	<50	92	1	80 - 120	20
Benzene		96	µg/Kg	1	100		96	1	74 - 121	20
Benzene		96	µg/Kg	1	100	<50	96	1	74 - 121	20
Trichloroethene (TCE)		93	µg/Kg	1	100		93	1	72 - 121	20
Trichloroethene (TCE)		93	µg/Kg	1	100	<50	93	1	72 - 121	20
Toluene		95	µg/Kg	1	100		95	1	75 - 134	20
Toluene		95	µg/Kg	1	100	<50	95	1	75 - 134	20
Chlorobenzene		97	µg/Kg	1	100		97	0	83 - 120	20

Continued ...

... Continued

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Chlorobenzene		97	µg/Kg	1	100	<50	97	0	83 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		47.80	µg/Kg	1	50	95	69 - 116
Toluene-d8		49.10	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		50.22	µg/Kg	1	50	100	74 - 110

Sample: MS

QC Batch: QC04617

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		10.7	mg/L	1	10	<0.10	107		75 - 125	20
TCLP Barium		21.6	mg/L	1	20	<0.10	108		75 - 125	20
TCLP Cadmium		2.08	mg/L	1	2	<0.02	104		75 - 125	20
TCLP Chromium		4.34	mg/L	1	4	<0.05	108		75 - 125	20
TCLP Lead		11.1	mg/L	1	10	0.17	109		75 - 125	20
TCLP Selenium		9.56	mg/L	1	10	<0.10	95		75 - 125	20
TCLP Silver		2.14	mg/L	1	2	<0.05	107		75 - 125	20

Sample: MSD

QC Batch: QC04617

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		9.97	mg/L	1	10	<0.10	99	7	75 - 125	20
TCLP Barium		20.4	mg/L	1	20	<0.10	102	6	75 - 125	20
TCLP Cadmium		1.99	mg/L	1	2	<0.02	99	4	75 - 125	20
TCLP Chromium		4.10	mg/L	1	4	<0.05	102	6	75 - 125	20
TCLP Lead		10.5	mg/L	1	10	0.17	103	6	75 - 125	20
TCLP Selenium		8.81	mg/L	1	10	<0.10	88	8	75 - 125	20
TCLP Silver		1.99	mg/L	1	2	<0.05	99	7	75 - 125	20

Sample: MS

QC Batch: QC04618

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0412	mg/L	1	0.05	<0.010	82		80 - 120	20

Sample: MSD QC Batch: QC04618

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0449	mg/L	1	0.05	<0.010	89	8	80 - 120	20

Quality Control Report
Continuing Calibration Verification Standards

Sample: CCV (1) QC Batch: QC04568

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/Kg	100	109	109	80 - 120	8/29/00
1,1-Dichloroethene		µg/Kg	100	114	114	64 - 149	8/29/00
Chloroform		µg/Kg	100	104	104	80 - 120	8/29/00
1,2-Dichloropropane		µg/Kg	100	107	107	80 - 120	8/29/00
Toluene		µg/Kg	100	106	106	70 - 127	8/29/00
Chlorobenzene		µg/Kg	100	105	105	76 - 122	8/29/00
Ethylbenzene		µg/Kg	100	108	108	80 - 120	8/29/00
Dibromofluoromethane		µg/Kg	50	50.66	101	73 - 129	8/29/00
Toluene-d8		µg/Kg	50	48.62	97	87 - 114	8/29/00
4-Bromofluorobenzene		µg/Kg	50	51.81	103	65 - 112	8/29/00

Sample: CCV (1) QC Batch: QC04617

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	2.50	2.41	96	75 - 125	8/31/00
TCLP Barium		mg/L	5	4.81	96	75 - 125	8/31/00
TCLP Cadmium		mg/L	0.50	0.48	96	75 - 125	8/31/00
TCLP Chromium		mg/L	1	0.95	95	75 - 125	8/31/00
TCLP Lead		mg/L	2.50	2.39	95	75 - 125	8/31/00
TCLP Selenium		mg/L	2.50	2.43	97	75 - 125	8/31/00
TCLP Silver		mg/L	0.50	0.48	96	75 - 125	8/31/00

Sample: ICV (1) QC Batch: QC04617

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	2.50	2.62	104	75 - 125	8/31/00

Continued ...

... Continued

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Barium		mg/L	5	5.24	104	75 - 125	8/31/00
TCLP Cadmium		mg/L	0.50	0.52	104	75 - 125	8/31/00
TCLP Chromium		mg/L	1	1.04	104	75 - 125	8/31/00
TCLP Lead		mg/L	2.50	2.61	104	75 - 125	8/31/00
TCLP Selenium		mg/L	2.50	2.65	106	75 - 125	8/31/00
TCLP Silver		mg/L	0.50	0.52	104	75 - 125	8/31/00

Sample: CCV (1)

QC Batch: QC04618

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.005	0.00512	102	80 - 120	8/30/00

Sample: ICV (1)

QC Batch: QC04618

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.005	0.00508	101	80 - 120	8/30/00

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A000825O6

Company Name: BBC International, Inc. Phone #: (505)-397-6388
Address: (Street, City, Zip) 1324 W. Marland Hobbs NM Fax #: (505)-397-0397
Contact Person: Cliff P. Brunson
Invoice to: (If different from above) Shell P Company
Project #: Project Name: Shell Westgate
Project Location: Hobbs NM Sampler Signature: David Paul Wally

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	SAMPLING: DATE	TIME
152139	000824110l	1	4oz		✓					✓		8-24-00	10:40
140	000824111l8	1	4oz		✓					✓		"	11:00

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8260	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
✓	✓	✓			✓											
✓	✓				✓											

8260 + BTEX
418.1 per cliff

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
David Paul Wally	8-24-00	11:35			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Vicki Hensley	8-25-00	9:00A

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 1° °
Log-in Review MS

REMARKS: 9/6/00

9/1

Carrier # TRIMAC 902-071-993-9

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY