

**Centrum
Analytical
Laboratories, Inc.**

CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: Lovell Construction
2852 Gundry Ave.
Signal Hill, CA 90755

Date Sampled: 05/03/07
Date Received: 05/03/07
Job Number: 29615

Project: Pauley Lease S & C Oil

CASE NARRATIVE

The following information applies to samples which were received on 05/03/07:

The sample was received at the laboratory chilled and the sample container was intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 05/08/07.

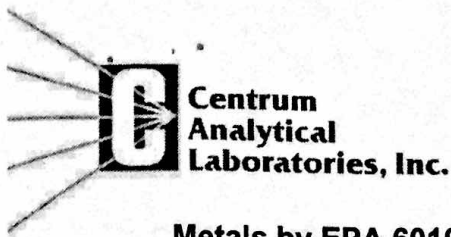
Report approved by:

2007.05.08
11:39:05 -07'00'

Robert R. Clark, PhD
President

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

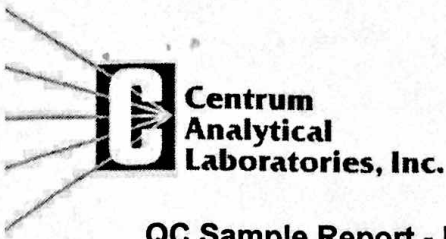


Metals by EPA 6010B and EPA 7471A

Client: Lovell Construction
 Project: Pauley Lease S & C Oil
 Job No: 29615
 Matrix: Soil
 Analyst: TLB

Date Sampled: 05/03/07
 Date Received: 05/03/07
 Date Digested: 05/07/07
 Date Analyzed: 05/07/07
 Batch Number: 6010S3974
 7471S1595

Metals	Method	Sample ID:	Blank	#1
		RL	mg/Kg	mg/Kg
Antimony	6010B	5.0	ND	ND
Arsenic	6010B	1.0	ND	70.6
Barium	6010B	0.50	ND	1,040
Beryllium	6010B	0.50	ND	ND
Cadmium	6010B	0.50	ND	1.04
Chromium	6010B	0.50	ND	18.5
Cobalt	6010B	0.50	ND	7.60
Copper	6010B	1.0	ND	29.7
Lead	6010B	1.0	ND	211
Molybdenum	6010B	5.0	ND	ND
Nickel	6010B	1.0	ND	41.2
Selenium	6010B	5.0	ND	ND
Silver	6010B	2.0	ND	ND
Thallium	6010B	10	ND	ND
Vanadium	6010B	5.0	ND	26.5
Zinc	6010B	10	ND	195
Mercury	7471A	0.02	ND	0.05



QC Sample Report - Metals by EPA 6010B and EPA 7471A

Matrix: Soil

Metals by EPA 6010B

Batch Number: 6010S3974

Spike Sample ID: Laboratory Control Sample

MS/MSD Sample ID: 29622-2

Analytical Notes:

Compound	Batch Accuracy Results				Batch Precision Results				
	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Antimony	50	105	75 - 125	Pass	40.22	41.96	4%	20%	Pass
Arsenic	50	95	75 - 125	Pass	84.18	88.04	4%	20%	Pass
Barium	50	84	75 - 125	Pass	121.1	120.5	1%	20%	Pass
Beryllium	50	94	75 - 125	Pass	42.98	42.55	1%	20%	Pass
Cadmium	50	99	75 - 125	Pass	40.97	40.30	2%	20%	Pass
Chromium	50	97	75 - 125	Pass	77.39	76.31	1%	20%	Pass
Cobalt	50	93	75 - 125	Pass	46.53	47.51	2%	20%	Pass
Copper	50	95	75 - 125	Pass	69.94	69.43	1%	20%	Pass
Lead	50	99	75 - 125	Pass	40.79	41.52	2%	20%	Pass
Molybdenum	50	98	75 - 125	Pass	40.10	40.94	2%	20%	Pass
Nickel	50	99	75 - 125	Pass	58.57	59.94	2%	20%	Pass
Selenium	50	95	75 - 125	Pass	38.14	40.53	6%	20%	Pass
Silver	50	122	75 - 125	Pass	52.71	52.30	1%	20%	Pass
Thallium	50	97	75 - 125	Pass	35.13	33.62	4%	20%	Pass
Vanadium	50	97	75 - 125	Pass	107.1	105.7	1%	20%	Pass
Zinc	50	102	75 - 125	Pass	68.06	67.23	1%	20%	Pass

Mercury by EPA 7471A

Batch Number: 7471S1595

Spike Sample ID: Laboratory Control Sample

MS/MSD Sample ID: 29622-2

Analytical Notes:

Compound	Batch Accuracy Results				Batch Precision Results				
	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Mercury	0.42	103	75 - 125	Pass	0.466	0.468	0%	20%	Pass

MS: Matrix Spike
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

QC Sample Report - Volatile Hydrocarbons as Gasoline by GCMS

Matrix: Soil
Batch Number: MS2TPHGS1126

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Gasoline	2.0	103	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	2.13	2.11	1%	25%	Pass

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

QC Sample Report - Extractable Hydrocarbons as Diesel by GC/FID

Matrix: Soil

Batch Number: 8015DS4078

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Diesel	100	88	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 29621-11

Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Diesel	88.9	91.7	3%	25%	Pass

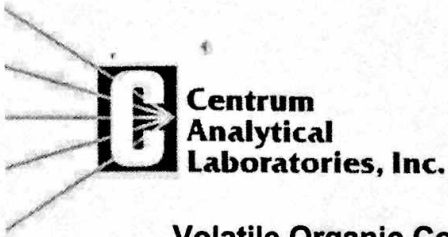
Analytical Notes:

MS: Matrix Spike

MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample

LCSD: Laboratory Control Sample Duplicate



Volatile Organic Compounds by EPA 8260B

Client: Lovell Construction
 Project: Pauley Lease S & C Oil
 Job No.: 29615
 Matrix: Soil
 Analyst: TH

Date Sampled: 05/03/07
 Date Received: 05/03/07
 Date Analyzed: 05/04-07/07
 Batch Number: MS28260S1126

Compounds	Sample ID:	Blank	#1
	RL	mg/Kg	mg/Kg
Acetone	5.0	ND	ND
tert-Amyl Methyl Ether (TAME)	0.20	ND	ND
Benzene	0.10	ND	0.35
Bromobenzene	0.50	ND	ND
Bromochloromethane	0.50	ND	ND
Bromodichloromethane	0.10	ND	ND
Bromoform	0.50	ND	ND
Bromomethane	0.50	ND	ND
tert-Butanol (TBA)	2.0	ND	ND
2-Butanone (MEK)	1.0	ND	ND
n-Butylbenzene	0.20	ND	1.2
sec-Butylbenzene	0.20	ND	1.2
tert-Butylbenzene	0.20	ND	ND
Carbon disulfide	1.0	ND	ND
Carbon tetrachloride	0.10	ND	ND
Chlorobenzene	0.10	ND	ND
Chloroethane	0.50	ND	ND
Chloroform	0.20	ND	ND
Chloromethane	0.10	ND	ND
2-Chlorotoluene	0.20	ND	ND
4-Chlorotoluene	0.20	ND	ND
Dibromochloromethane	0.20	ND	ND
1,2-Dibromoethane	0.20	ND	ND
1,2-Dibromo-3-chloropropane	1.0	ND	ND
Dibromomethane	0.10	ND	ND
1,2-Dichlorobenzene	0.10	ND	ND
1,3-Dichlorobenzene	0.20	ND	ND
1,4-Dichlorobenzene	0.20	ND	ND
Dichlorodifluoromethane	0.50	ND	ND
1,1-Dichloroethane	0.10	ND	ND
1,2-Dichloroethane	0.10	ND	ND
1,1-Dichloroethene	0.50	ND	ND
cis-1,2-Dichloroethene	0.20	ND	ND
trans-1,2-Dichloroethene	0.20	ND	ND
1,2-Dichloropropane	0.10	ND	ND
1,3-Dichloropropane	0.10	ND	ND
2,2-Dichloropropane	0.10	ND	ND
1,1-Dichloropropene	0.10	ND	ND

Volatile Organic Compounds by EPA 8260B

Client: Lovell Construction
 Project: Pauley Lease S & C Oil
 Job No.: 29615
 Matrix: Soil
 Analyst: TH

Date Sampled: 05/03/07
 Date Received: 05/03/07
 Date Analyzed: 05/04-07/07
 Batch Number: MS28260S1126

Compounds	Sample ID: RL	Blank mg/Kg	#1 mg/Kg
cis-1,3-Dichloropropene	0.10	ND	ND
trans-1,3-Dichloropropene	0.10	ND	ND
Diisopropyl Ether (DIPE)	0.20	ND	ND
Ethylbenzene	0.10	ND	2.2
Ethyl tert-Butyl Ether (EtBE)	0.20	ND	ND
Hexachlorobutadiene	0.10	ND	ND
2-Hexanone	1.0	ND	ND
Isopropylbenzene	0.10	ND	1.1
p-Isopropyltoluene	0.20	ND	1.7
Methylene chloride	5.0	ND	ND
4-Methyl-2-pentanone	1.0	ND	ND
Methyl tert-Butyl Ether (MtBE)	0.20	ND	ND
Naphthalene	0.20	ND	2.8
n-Propylbenzene	0.10	ND	1.6
Styrene	0.10	ND	ND
1,1,1,2-Tetrachloroethane	0.10	ND	ND
1,1,2,2-Tetrachloroethane	0.20	ND	ND
Tetrachloroethene	0.10	ND	ND
Toluene	0.10	ND	2.1
1,2,3-Trichlorobenzene	0.20	ND	ND
1,2,4-Trichlorobenzene	0.20	ND	ND
1,1,1-Trichloroethane	0.10	ND	ND
1,1,2-Trichloroethane	0.30	ND	ND
Trichloroethene	0.10	ND	ND
1,2,3-Trichloropropane	0.30	ND	ND
Trichlorofluoromethane	0.10	ND	ND
Trichlorotrifluoroethane	0.50	ND	ND
1,2,4-Trimethylbenzene	0.10	ND	7.7
1,3,5-Trimethylbenzene	0.10	ND	3.1
Vinyl chloride	0.20	ND	ND
Xylenes, m-,p-	0.20	ND	8.8
Xylene, o-	0.10	ND	4.2

Surrogates in % Recovery (Acceptance Limits: 70 - 130%)

Sample ID:	Blank	#1
Dibromofluoromethane	100	103
Toluene-d8	95	104
Bromofluorobenzene	88	108

QC Sample Report - Volatile Organic Compounds by EPA 8260B

Matrix: Soil
Batch Number: MS28260S1126

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
1,1-Dichloroethene	0.050	100	70 - 130	Pass
Benzene	0.050	110	70 - 130	Pass
Trichloroethene	0.050	98	70 - 130	Pass
Toluene	0.050	104	70 - 130	Pass
Chlorobenzene	0.050	99	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 29621-01

Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1,1-Dichloroethene	0.0521	0.0513	1%	25%	Pass
Benzene	0.0526	0.0528	0%	25%	Pass
Trichloroethene	0.0479	0.0474	1%	25%	Pass
Toluene	0.0491	0.0484	1%	25%	Pass
Chlorobenzene	0.0440	0.0429	3%	25%	Pass

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate

LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate



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Chain of Custody Record

www.centrum-labs.com lab@centrum-labs.com

3299 Hill Street, Suite 305
 Signal Hill, CA 90755
 Voice: 562.498.7005
 Fax: 562.498.8617

Project No: #10 Project Name: PAULSA LEASE. SIL OIL

Project Manager: Bob Neil Phone: 562 9890574 Fax: 562 5892114

Client Name: Lovell Corp. Address: 2852 GAMING AVE Signal Hill 90755

email: Construct 40. Aol.com Note: Reports and Invoices will be sent here

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Site location	Containers # and type	LUFF Diesel, or EPA 8015B DRO	LUFF Gas, or EPA 8015B GRO	Fuel ID (TVH, TEH) Carbon Chain (specify ranges)	8021B: BTEX/MIBE Only	VOCs: 8200B, or 824	VOCs: BTEX/Oxygenates Only	SVOCs: 8270C, or 825	8081A/8082: Pesticides, or PCBs, or Pest/PCB	Metals: TRM 22 (CAM), or RCRA, or PP	Metals: TCLP, or TCLC	PH, TDS, TSS	418.1 (TRPH), or 413.2, or 1884	Turn-Around Time see note *	Remarks/Special Instructions
1	#1	5/30/07	9:30 AM	END of Emury w. of Buxath. Signal Hill	JAR-Glass	<input checked="" type="checkbox"/>												<input type="checkbox"/> 24 Hr. RUSH * <input type="checkbox"/> 48 Hr. RUSH * <input checked="" type="checkbox"/> Normal TAT <input type="checkbox"/> Other _____ * Requires PRIOR approval, additional charges apply Requested due date: <u>5-10</u>	

1) Relinquished by: [Signature] Date: 5/30/07 Time: 10 AM

2) Received by: [Signature] Date: 5/30/07 Time: 10 AM

3) Relinquished by: _____ Date: _____ Time: _____

4) Received by: _____ Date: _____ Time: _____

5) Relinquished by: _____ Date: _____ Time: _____

6) Received by: [Signature] Date: 5/30/07 Time: 10 AM

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Laboratory Notes: _____



P.O. Box 7318
 San Bernardino, CA 92411
 Phone (909) 884-7424
 Fax (909) 884-3744

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No.
 N / A

Manifest Doc. No.
44412

2. Page 1
 of 1

3. Generator's Name and Mailing Address

8 & O OIL
 4952 WARNER AVE #223
 HUNTINGTON BEACH, CA 92649
 (562) 244-1201

4. Generator's Phone ()

5. Transporter 1 Company Name

MB TRUCKING

6. US EPA ID Number

A. Transporter's Phone

(951) 545-9278

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

THERMAL REMEDIATION SOLUTIONS
 1211 W. GLADSTONE
 AZUSA, CA 91706

10. US EPA ID Number

N / A

C. Facility's Phone

626-338-3939

11. Waste Shipping Name and Description

a. NON-HAZARDOUS WASTE SOLID (SOIL)

12. Containers
 No. Type

0 0 1 D T 0 0 0 1 8

13. Total
 Quantity

14. Unit
 Wt/Vol

Y

b.

c.

d.

D. Additional Description for Materials Listed Above

a) SOIL PROFILE #20070077/SR01886

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

a) SITE: 2852 GUNDRY AVE. SIGNAL HILL CA 90755 (END OF GUNDRY NORTH OF BURNETT)
 USE PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

Paul 34

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Wastes.

Printed/Typed Name

Jose Correa

Signature

Jose Correa

Month Day Year

5 21 07

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Rafael...

Signature

Rafael...

Month Day Year

5 21 07

GENERATOR'S COPY

GENERATOR

TRANSPORTER

FACILITY