



AMERICAN
WEST
ANALYTICAL
LABORATORIES

Galen Williams
EarthFax Engineering
7324 So. Union Park Ave., # 100
Midvale, UT 84047
TEL: (801) 561-1555

RE: CPL Red Butte / BV-7

Dear Galen Williams:

Lab Set ID: 1012058

463 West 3600 South
Salt Lake City, UT
84115

American West Analytical Laboratories received 2 sample(s) on 12/2/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

(801) 263-8686

Toll Free (888) 263-8686

Fax (801)263-8687

email: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Jose Rocha
QA Officer

Thank You,

Approved by: _____
Laboratory Director or designee



ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: EarthFax Engineering
Project: CPL Red Butte / BV-7
Lab Sample ID: 1012058-001B
Client Sample ID: RB-1
Collection Date: 12/2/2010 1650h
Received Date: 12/2/2010 1755h
Method Used: SW8015D

Contact: Galen Williams

Analyzed: 12/4/2010 0022h

Extracted: 12/2/2010 1855h

Analytical Results

TPH-DRO (C10-C28) by GC/FID Method 8015D/3510C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, UT

84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Diesel Range Organics C10-C28	68476-34-6	0.500	< 0.500	
Surr: 4-Bromofluorobenzene	460-00-4	10-190	76.5	

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



ORGANIC ANALYTICAL REPORT

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Client: EarthFax Engineering
Project: CPL Red Butte / BV-7
Lab Sample ID: 1012058-002B
Client Sample ID: RB-2
Collection Date: 12/2/2010 1710h
Received Date: 12/2/2010 1755h
Method Used: SW8015D

Contact: Galen Williams

Analyzed: 12/4/2010 0043h

Extracted: 12/2/2010 1855h

Analytical Results

TPH-DRO (C10-C28) by GC/FID Method 8015D/3510C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, UT

84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Diesel Range Organics C10-C28	68476-34-6	0.500	< 0.500	
Surr: 4-Bromofluorobenzene	460-00-4	10-190	79.5	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

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Client: EarthFax Engineering
Project: CPL Red Butte / BV-7
Lab Sample ID: 1012058-001A
Client Sample ID: RB-1
Collection Date: 12/2/2010 1650h
Received Date: 12/2/2010 1755h
Method Used: SW8260C

Contact: Galen Williams

Analyzed: 12/2/2010 2052h

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
84115 Benzene	71-43-2	0.00100	0.00526	
Ethylbenzene	100-41-4	0.00200	< 0.00200	
Naphthalene	91-20-3	0.00200	< 0.00200	
Toluene	108-88-3	0.00200	0.0167	
(801) 263-8686 Xylenes, Total	1330-20-7	0.00200	0.0141	
Toll Free (888) 263-8686 TPH C6-C10 (GRO)		0.0200	0.0361	
Fax (801)263-8687 Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	115	
email: awal@awal-labs.com Surr: 4-Bromofluorobenzene	460-00-4	80-123	104	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Kyle F. Gross Surr: Toluene-d8	2037-26-5	80-125	96.7	

Laboratory Director

Jose Rocha

QA Officer



ORGANIC ANALYTICAL REPORT

Client: EarthFax Engineering
Project: CPL Red Butte / BV-7
Lab Sample ID: 1012058-002A
Client Sample ID: RB-2
Collection Date: 12/2/2010 1710h
Received Date: 12/2/2010 1755h
Method Used: SW8260C

Contact: Galen Williams

Analyzed: 12/2/2010 2111h

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Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
84115 Benzene	71-43-2	0.00100	0.00131	
Ethylbenzene	100-41-4	0.00200	< 0.00200	
Naphthalene	91-20-3	0.00200	< 0.00200	
Toluene	108-88-3	0.00200	0.00363	
(801) 263-8686 Xylenes, Total	1330-20-7	0.00200	0.00209	
Toll Free (888) 263-8686 TPH C6-C10 (GRO)		0.0200	< 0.0200	
Fax (801)263-8687 Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	115	
email: awal@awal-labs.com Surr: 4-Bromofluorobenzene	460-00-4	80-123	105	
Surr: Dibromofluoromethane	1868-53-7	80-124	105	
Kyle F. Gross Surr: Toluene-d8	2037-26-5	80-125	95.4	

Laboratory Director

Jose Rocha

QA Officer

WORK ORDER Summary

Client: EarthFax Engineering
 Client ID: EAR100
 Project: CPL Red Butte / BV-7
 Comments: No Hard Copies. Next Day Rush;

Contact: Galen Williams
 QC Level: LEVEL I

Work Order: **1012058**
 Page 1 of 1
 12/2/2010
 WO Type: Standard

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1012058-001A	RB-1	12/2/2010 4:50:00 PM	12/2/2010 5:55:00 PM	12/6/2010	Aqueous	8260-W-PPM	<input checked="" type="checkbox"/>	voc	3
1012058-001B				12/6/2010		3510-TPH-PR	<input type="checkbox"/>	Hall-TPH (liters)	2
				12/6/2010		8015-W-TPH(1L)	<input checked="" type="checkbox"/>	Hall-TPH (liters)	
1012058-002A	RB-2	12/2/2010 5:10:00 PM		12/6/2010		8260-W-PPM	<input checked="" type="checkbox"/>	voc	3
1012058-002B				12/6/2010		3510-TPH-PR	<input type="checkbox"/>	Hall-TPH (liters)	2
				12/6/2010		8015-W-TPH(1L)	<input checked="" type="checkbox"/>	Hall-TPH (liters)	

