Ľ	٩	

	Galen Williams EarthFax Engineering	
	7324 So. Union Park Ave., # 100	
AMERICAN	Midvale, UT 84047	
WEST	TEL: (801) 561-1555	
ANALYTICAL		
LABORATORIES	RE: CPL Red Butte / BV-7	
	Dear Galen Williams:	Lab Set ID: 1012058
463 West 3600 South	American West Analytical Laboratories receiv	red 2 sample(s) on 12/2/2010 for the analyses
Salt Lake City, UT	presented in the following report.	
84115 (801) 263-8686	All analyses were performed in accordance to noted otherwise. American West Analytical I Institute in Utah and Texas; and is state certifi document is available upon request. If you have report please feel free to call.	aboratories is certified by The NELAC ed in Colorado and Idaho. Certification
Toll Free (888) 263-8686	The abbreviation "Surr" found in organic repo	rts indicates a surrogate compound that is
Fax (801)263-8687	intentionally added by the laboratory to deter	U
email: awal@awal-labs.com	purging efficiency. The "Reporting Limit" for practical quantitaion limit (PQL). This is the	and on the report is equivalent to the minimum concentration that can be reported
Kyle F. Gross	by the method referenced and the sample matri	
Laboratory Director	with any regulatory limit. Analytical results as quality control and calculation purposes.	re reported to three significant figures for
Jose Rocha	Thank You,	
QA Officer		

Approved by:

Laboratory Director or designee

RT

CAS

Number

68476-34-6

460-00-4

Reporting

Limit

0.500

10-190

Analytical

Result

< 0.500

76.5

Qual

	ORGANIC ANALYTICAL REPORT											
	Client:	EarthFax Engineer	ing	Contact	t: Galen W	illiams						
	Project:	CPL Red Butte / BV	V-7									
	Lab Sample ID:	1012058-001B										
AMERICAN	Client Sample ID	: RB-1										
WEST	Collection Date:	12/2/2010 1650h		Analyz	ed: 12/4/201	0 0022h						
	Received Date:	12/2/2010 1755h		Extracted: 12/2/2010 1855h								
ANALYTICAL	Method Used:	SW8015D										
LABORATORIES	Analytical Result	S	TPH-DRO (C10-	C28) by G0	C/FID Met	hod 8015D/3510C						
	Units: mg/L Dilution Factor: 1		(YAS D	anorting	Analytical						

463 West 3600 South Salt Lake City, UT 84115

Compound

Diesel Range Organics C10-C28

Surr: 4-Bromofluorobenzene

(801) 263-8686

Toll Free (888) 263-8686 Fax (801)263-8687 email: awal@awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha

QA Officer

Report Date: 12/4/2010 Page 2 of 5

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report of this company of any memory of its same of its protection with the advertisement, protection and protection and protection and according to the republication of this report of the advertisement of th

ORGANIC ANALYTICAL REPORT



AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South Salt Lake City, UT

84115

Client:EarthFax EngineeringProject:CPL Red Butte / BV-7Lab Sample ID:1012058-002BClient Sample ID:RB-2Collection Date:12/2/2010 1710hReceived Date:12/2/2010 1755hMethod Used:SW8015D

Contact: Galen Williams

Analyzed: 12/4/2010 0043h **Extracted:** 12/2/2010 1855h

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

Analytical Results

		· · · ·			
1 Г	Units: mg/L Dilution Factor: 1 Compound	CAS Number	Reporting Limit	Analytical Result	Qual
5	Diesel Range Organics C10-C28	68476-34-6	0.500	< 0.500	
	Surr: 4-Bromofluorobenzene	460-00-4	10-190	79.5	

(801) 263-8686 Toll Free (888) 263-8686 Fax (801)263-8687 email: awal@awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha

QA Officer

Report Date: 12/4/2010 Page 3 of 5

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report in growth the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

A	Client: Project:	EarthFax Engineer CPL Red Butte / B	0	Con	tact: Galen W	illiams	
AMERICAN WEST ANALYTICAL LABORATORIES	Lab Sample ID: Client Sample ID: Collection Date: Received Date: Method Used:	12/2/2010 1650h 12/2/2010 1755h SW8260C			lyzed: 12/2/201		200
	Analytical Results	8	VOAS MBT	EXN/GRU by	GC/MS Met	nod 8260C/50	J30C
463 West 3600 South Salt Lake City, UT	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 (GR0	C)			0.0200	0.0361	
Fax (801)263-8687	Surr: 1,2-Dichlo	proethane-d4		17060-07-0	77-144	115	
email: awal@awal-labs.com	Surr: 4-Bromofl	uorobenzene		460-00-4	80-123	104	
	Surr: Dibromofl	uoromethane		1868-53-7	80-124	104	
Kyle F. Gross	Surr: Toluene-d	8		2037-26-5	80-125	96.7	

Laboratory Director

Jose Rocha QA Officer

Report Date: 12/4/2010 Page 4 of All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

A	Client: Project:	EarthFax Engineer CPL Red Butte / B	e	Con	tact: Galen W	illiams	
AMERICAN WEST ANALYTICAL LABORATORIES	Lab Sample ID: Client Sample ID: Collection Date: Received Date: Method Used:	1012058-002A : RB-2 12/2/2010 1710h 12/2/2010 1755h SW8260C			lyzed: 12/2/201		
	Analytical Results	S	VOAs MBT	EXN/GRO by	GC/MS Met	hod 8260C/50)30C
463 West 3600 South Salt Lake City, UT	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 (GR0	C)			0.0200	< 0.0200	
Fax (801)263-8687	Surr: 1,2-Dichlo	proethane-d4		17060-07-0	77-144	115	
email: awal@awal-labs.com	Surr: 4-Bromofl	uorobenzene		460-00-4	80-123	105	
	Surr: Dibromofl	uoromethane		1868-53-7	80-124	105	
Kyle F. Gross	Surr: Toluene-d	8		2037-26-5	80-125	95.4	

Laboratory Director

Jose Rocha QA Officer

Report Date: 12/4/2010 Page 5 of All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Laboratories

WORK O	RDER Summary					Work Orde	r: 10120	58
Client: Client ID: Project: Comments:	EarthFax Engineering EAR100 CPL Red Butte / BV-7 No Hard Copies. Next Day Rush;		Contact: Galen Williams QC Level: LEVEL I			WO Туре:	Page 1 of 12/2/2010 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	Voc	3
1012058-001B				12/6/2010		3510-TPH-PR	Hall-TPH (liters)	2
				12/6/2010		8015-W-TPH(1L)	Hall-TPH (liters)	
1012058-002A	RB-2	12/2/2010 5:10:00 PM		12/6/2010		8260-W-PPM	Voc	3
1012058-002B				12/6/2010		3510-TPH-PR	Hall-TPH	2

American West Analytical Laboratories	RUSH
WORK ORDER Summary	

8015-W-TPH(1L) 🔽 12/6/2010

(liters)

(liters)

Hall-TPH

Client EZIHFEX Expinedring Address 7324 So. Unim Park Ave. Midrale, UT 84047 City State Zip Phone 801-561-1555 Fax Contact Gale Williams	· · · · · · · · · · · · · · · · · · ·	A	•	4	LAB 63 W	.NAI ЮR≠ est 3	LYTI ATO 600 S City,	'EST CAL RIES	(80 (88 (88) (80)	HA US 1) 263 8) 263 1) 263 wal@	TO1 3-868(3-868(3-8687	DY 5 5 7	com	Page Turn Arc	ound T	'ime (OIZOSS of (Circle One) 4 day 5 day Standard
E-mail gwilliams@ earthfax. com	<u> </u>						1	ESTS	REQL	JIRE	D		T	QCL	EVEL	-	LABORATORY USE ONLY
Project Name CPL Red Butte				otal)											_		SAMPLES WERE: 1 Shipped or hand delivered
Project Number/P.O # BV-7		Date/Time		ners (T _c										1 2	2.	÷	Notes:
Sampler NameRight		Collected		f Contai		,	2							33	+ 4		2 Ambient or Chilled Notes:
· · ·			Matrix	Number of Containers (Total)	DRO	2	BTEXN								8 5 1 1 7 6		3 Temperature <u>6, 4</u> 0
Sample ID RB-I		2 Dec 2010/16:57				5			_					COMN			4 Received Broken/Leaking (Improperly Sealed)
RB-2			TTT		17	5	-					-+					Notes:
		/ 10/0	\vdash	Ť													5 Roperly Preserved
														················			Checked at Bench Y N Notes:
·																	
	<u></u>												+				6 Received Within
· · · · · · · · · · · · · · · · · · ·									+-+				+				Helding Times Y N
	•															·	-noies.
																	COC Tape Was:
		•													. <u></u>		1 Present on Outer Package
Relinquished By Signature Date	Received B	y: Signature	n)		22	ß	Specia	l Instr	uctio	ns:						Y N NA
PRINT NAME B. White Time:55	Dev	E Brun	n		Tim 17	<u>i</u> S	5										2 Unbroken on Outer Package Y N NA
Relinquished By: Signature Date	Received B	y: Signature			Dat	e											3 Present on Sample
PRINT NAME Time.	PRINT NAM	AE			Tim)ê											Y (N NA
Relinquished By: Signature Date	Received B	y: Signature			Dat	e											4 Unbroken on Sample Y N NA
PRINT NAME Time	PRINT NAM	<i>l</i> e			Tim	e											Discrepancies Between Sample Labels and COC
Relinquished By: Signature Date	Received B	y: Signature			Date	e			·····								Record? Y Notes:
PRINT NAME Time	PRINT NAM	ΛE			Tim	e											
