ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

ANALYTICAL SUMMARY REPORT

December 14, 2006

NFU-WY LLC
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C06110526

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 2 samples from NFU-WY LLC on 11/10/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C06110526-001	LC16M	11/10/06 11:46	11/10/06	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Chloride Conductivity Fluoride Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Digestion by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved Sulfate
C06110526-002	LC33M	11/10/06 12:40	11/10/06	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: R.A. Garling
ROGER GARLING
LABORATORY SUPERVISOR

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LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC
Project: Lost Creek
Lab ID: C06110526-001
Client Sample ID: LC16M

Report Date: 12/14/06
Collection Date: 11/10/06 11:46
DateReceived: 11/10/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	11/15/06 16:50 / th
Carbonate as CO3	ND	mg/L		1		A2320 B	11/15/06 16:50 / th
Bicarbonate as HCO3	128	mg/L		1		A2320 B	11/15/06 16:50 / th
Calcium	80.1	mg/L		0.5		E200.7	11/21/06 16:32 / cp
Chloride	7	mg/L		1		E200.7	11/21/06 16:32 / cp
Fluoride	0.1	mg/L		0.1		A4500-F C	11/15/06 13:23 / th
Magnesium	3.9	mg/L		0.5		E200.7	11/21/06 16:32 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	11/20/06 14:39 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	11/14/06 09:42 / jal
Potassium	2.0	mg/L		0.5		E200.7	11/21/06 16:32 / cp
Sodium	29.3	mg/L		0.5		E200.7	11/21/06 16:32 / cp
Sulfate	136	mg/L	D	2		A4500-SO4 E	11/14/06 12:10 / jal
PHYSICAL PROPERTIES							
Conductivity	517	umhos/cm		1.0		A2510 B	11/11/06 12:20 / th
pH	7.99	s.u.		0.01		A4500-H B	11/11/06 12:20 / th
Solids, Total Dissolved TDS @ 180 C	304	mg/L		10		A2540 C	11/13/06 10:08 / th
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	11/13/06 13:16 / bws
Arsenic	0.001	mg/L		0.001		E200.8	11/13/06 13:16 / bws
Barium	ND	mg/L		0.1		E200.8	11/13/06 13:16 / bws
Boron	ND	mg/L		0.1		E200.7	11/21/06 16:32 / cp
Cadmium	ND	mg/L		0.01		E200.8	11/13/06 13:16 / bws
Chromium	ND	mg/L		0.05		E200.8	11/13/06 13:16 / bws
Copper	ND	mg/L		0.01		E200.8	11/13/06 13:16 / bws
Iron	ND	mg/L		0.03		E200.7	11/21/06 16:32 / cp
Lead	ND	mg/L		0.05		E200.8	11/13/06 13:16 / bws
Manganese	0.01	mg/L		0.01		E200.8	11/13/06 13:16 / bws
Mercury	ND	mg/L		0.001		E200.8	11/13/06 13:16 / bws
Molybdenum	ND	mg/L		0.1		E200.8	11/13/06 13:16 / bws
Nickel	ND	mg/L		0.05		E200.8	11/13/06 13:16 / bws
Selenium	0.001	mg/L		0.001		E200.8	11/13/06 13:16 / bws
Uranium	0.133	mg/L		0.0003		E200.8	11/13/06 13:16 / bws
Vanadium	ND	mg/L		0.1		E200.8	11/13/06 13:16 / bws
Zinc	ND	mg/L		0.01		E200.8	11/13/06 13:16 / bws
METALS - TOTAL							
Iron	0.06	mg/L		0.03		E200.7	11/21/06 16:38 / cp
Manganese	0.01	mg/L		0.01		E200.7	11/21/06 16:38 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC
Project: Lost Creek
Lab ID: C06110526-001
Client Sample ID: LC16M

Report Date: 12/14/06
Collection Date: 11/10/06 11:46
DateReceived: 11/10/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	274	pCi/L		1.0		E900.0	11/25/06 00:04 / rs
Gross Alpha precision (±)	3.5	pCi/L				E900.0	11/25/06 00:04 / rs
Gross Beta	120	pCi/L		2.0		E900.0	11/25/06 00:04 / rs
Gross Beta precision (±)	3.0	pCi/L				E900.0	11/25/06 00:04 / rs
Radium 226	78.4	pCi/L		0.2		E903.0	11/27/06 04:19 / trs
Radium 226 precision (±)	3.1	pCi/L				E903.0	11/27/06 04:19 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/21/06 14:45 / pj
DATA QUALITY							
A/C Balance (± 5)	4.79	%				Calculation	12/14/06 14:15 / ks
Anions	5.13	meq/L				Calculation	12/14/06 14:15 / ks
Cations	5.65	meq/L				Calculation	12/14/06 14:15 / ks
Solids, Total Dissolved Calculated	322	mg/L				Calculation	12/14/06 14:15 / ks
TDS Balance (0.80 - 1.20)	0.940	dec. %				Calculation	12/14/06 14:15 / ks

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC
Project: Lost Creek
Lab ID: C06110526-002
Client Sample ID: LC33M

Report Date: 12/14/06
Collection Date: 11/10/06 12:40
DateReceived: 11/10/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	8	mg/L		1		A2320 B	11/15/06 17:01 / th
Carbonate as CO3	ND	mg/L		1		A2320 B	11/15/06 17:01 / th
Bicarbonate as HCO3	9	mg/L		1		A2320 B	11/15/06 17:01 / th
Calcium	ND	mg/L		0.5		E200.7	11/21/06 16:35 / cp
Chloride	ND	mg/L		1		A4500-Cl B	11/13/06 16:01 / jl
Fluoride	ND	mg/L		0.1		A4500-F C	11/15/06 13:25 / th
Magnesium	ND	mg/L		0.5		E200.7	11/21/06 16:35 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	11/20/06 14:41 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	11/14/06 09:44 / jal
Potassium	ND	mg/L		0.5		E200.7	11/21/06 16:35 / cp
Sodium	3.6	mg/L		0.5		E200.7	11/21/06 16:35 / cp
Sulfate	ND	mg/L		1		A4500-SO4 E	11/14/06 12:11 / jal
PHYSICAL PROPERTIES							
Conductivity	14.1	umhos/cm		1.0		A2510 B	11/11/06 12:21 / th
pH	7.97	s.u.		0.01		A4500-H B	11/11/06 12:21 / th
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	11/13/06 10:09 / th
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.8	11/13/06 13:23 / bws
Arsenic	ND	mg/L		0.001		E200.8	11/13/06 13:23 / bws
Barium	ND	mg/L		0.1		E200.8	11/13/06 13:23 / bws
Boron	ND	mg/L		0.1		E200.7	11/21/06 16:35 / cp
Cadmium	ND	mg/L		0.01		E200.8	11/13/06 13:23 / bws
Chromium	ND	mg/L		0.05		E200.8	11/13/06 13:23 / bws
Copper	ND	mg/L		0.01		E200.8	11/13/06 13:23 / bws
Iron	ND	mg/L		0.03		E200.7	11/21/06 16:35 / cp
Lead	ND	mg/L		0.05		E200.8	11/13/06 13:23 / bws
Manganese	ND	mg/L		0.01		E200.8	11/13/06 13:23 / bws
Mercury	ND	mg/L		0.001		E200.8	11/13/06 13:23 / bws
Molybdenum	ND	mg/L		0.1		E200.8	11/13/06 13:23 / bws
Nickel	ND	mg/L		0.05		E200.8	11/13/06 13:23 / bws
Selenium	ND	mg/L		0.001		E200.8	11/13/06 13:23 / bws
Uranium	ND	mg/L		0.0003		E200.8	11/13/06 13:23 / bws
Vanadium	ND	mg/L		0.1		E200.8	11/13/06 13:23 / bws
Zinc	ND	mg/L		0.01		E200.8	11/13/06 13:23 / bws
METALS - TOTAL							
Iron	ND	mg/L		0.03		E200.7	11/21/06 16:42 / cp
Manganese	ND	mg/L		0.01		E200.7	11/21/06 16:42 / cp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC
Project: Lost Creek
Lab ID: C06110526-002
Client Sample ID: LC33M

Report Date: 12/14/06
Collection Date: 11/10/06 12:40
DateReceived: 11/10/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	ND	pCi/L		1.0		E900.0	11/25/06 00:04 / rs
Gross Beta	ND	pCi/L		2.0		E900.0	11/25/06 00:04 / rs
Radium 226	ND	pCi/L		0.2		E903.0	11/27/06 05:20 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/21/06 14:45 / pj
DATA QUALITY							
A/C Balance (± 5)	6.71	%				Calculation	12/14/06 14:15 / ks
Anions	0.150	meq/L				Calculation	12/14/06 14:15 / ks
Cations	0.171	meq/L				Calculation	12/14/06 14:15 / ks

- The ion balance is not appropriate for near blank results.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Alkalinity
Bicarbonate
Carbonate
Flouride
Sulfate
Total Dissolved Solids
Chloride
Nitrate + Nitrite
Ammonia
Gross Alpha, Gross Beta

Dissolved:
Arsenic
Boron
Cadmium
Calcium
Chromium
Iron
Magnesium
Manganese
Molybdenum
Potassium
Radium 226
Radium 228
Selenium
Sodium
Zinc
Uranium
Vanadium
Aluminum
Barium
Copper
Lead
Mercury
Nickel

Total:
Iron
Manganese

Energy Laboratories, Inc.

Sample Receipt Checklist

Client Name NFU-WY LLC

Date and Time Received: 11/10/2006 16:40:00

Work Order Number C06110526

Received by ckw

Login completed by: LeaAnn Caulfield 11/10/2006 16:40:0
Signature | Date

Reviewed by
Initials | Date

Carrier name Hand Del

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 ☐	
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 ☐	2.0 °C From Field
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Adjusted? _____ Checked by _____

Contact and Corrective Action Comments:
None

Date: *14-Dec-06*

CLIENT: NFU-WY LLC
Project: Lost Creek
Sample Delivery Group: C06110526

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-f - Energy Laboratories, Inc. - Idaho Falls, ID
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by NELAC. Some client specific reporting requirements may not require NELAC reporting protocol. NELAC Certification Number E87641.

PCB ANALYSIS USING EPA 505
Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page ____ of ____

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: NFU-Wyoming L.L.C

Project Name, PWS #, Permit #, Etc.: Lost Creek

Report Mail Address: Dawn Schippe NFU-Wyoming ~~Body~~ L.L.C. 10758 W. Centennial Road Suite 200 Ken Caryl Ranch Colorado 80127

Contact Name, Phone, Fax, E-mail: Tom Michel 266-6597 hydro@alluretech.net

Sampler Name if other than Contact:

Invoice Address: see above

Invoice Contact & Phone #: Harold Backer 720-981-4588

Purchase Order #:

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments:

Shipped by: Hand

Cooler ID(s): C1520

Receipt Temp: 2.0 °C

Custody Seal Y N

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)									SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Lab ID
1	LC16M	11/10/06	11:46	4-W									✓			
2	LC33M	11/10/06	12:40	4-W									✓			
3																
4																
5																
6																
7																
8																
9																
10																

LABORATORY USE ONLY

C061105226

Custody Record MUST be Signed

Relinquished by (print): Thomas G. Michel Date/Time: 11/10/06 16:44 Signature: Thomas G. Michel

Received by (print): C. Wagner Date/Time: 11/10/06 16:40 Signature:

Relinquished by (print): Date/Time: Signature:

Received by (print): Date/Time: Signature:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at *www.energylab.com* for additional information, downloadable fee schedule, forms, & links.

	Alkalinity
	Bicarbonate
	Carbonate
	Flouride
	Sulfate
	Total Dissolved Solids
	Chloride
	Nitrate + Nitrite
	Ammonia
	Gross Alpha, Gross Beta
Dissolved:	Arsenic
	Boron
	Cadmium
	Calcium
	Chromium
	Iron
	Magnesium
	Manganese
	Molybdenum
	Potassium
	Radium 226
	Radium 228
	Selenium
	Sodium
	Zinc
	Uranium
	Vanadium
	Aluminum
	Barium
	Copper
	Lead
	Mercury
	Nickel
Total:	Iron
	Manganese