

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:



ROGER GIERLING
LABORATORY SUPERVISOR



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
 Date Received: 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.



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
 Date Received: 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 RL - Analyte reporting limit.
 Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



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
 Date Received: 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 RL - Analyte reporting limit.
 Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



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
 Date Received: 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 16:40:00
 Signature [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.



Chain of Custody and Analytical Request Record

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.: **Last Creek**

Report/Mail Address: **Down Schipping Brady, Co. 10758 W. Con Terminal Road Suite 200 Kea Caryl Ranch Colorado 80127**
 Contact Name, Phone, Fax, E-mail: **Tom Michalski 266-6599 hydro@culturetech.net**

Invoice Address: **see above**
 Invoice Contact & Phone #: **Harold Bacher 720-981-4588**

Report Required For: POT/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 _____

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

Shipped by: **Hand**
 Cooler ID(s): **U520**
 Receipt Temp: **2.0 °C**
 Custody Seal Intact: **Y N**
 Signature Match: **Y N**
 Lab ID: _____

Number of Containers	Sample Type: A W S V B O Air Water Soils/Solids Vegetation Blossay Other	ANALYSIS REQUESTED		Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments:	Shipped by: Cooler ID(s) Receipt Temp Custody Seal Intact Signature Match Lab ID
		Normal Turnaround (TAT)	RUSH Turnaround (TAT)		
1	MATRIX	✓	SEE ATTACHED		LABORATORY USE ONLY
2	4-W	✓			
3	4-W				
4					
5					
6					
7					
8					
9					
10					

Signature: **Thomas G. Michel** Date/Time: **11/10/06 16:44**
 Signature: **Thomas S. Madala** Date/Time: **11/10/06 16:40**
 Signature: **Harold Bacher** Date/Time: _____

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

Sample Disposal: _____ Return to client: _____ Lab Disposal: _____
 Sample Type: _____ # of fractions: _____

Custody Record MUST be Signed

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