

## ANALYTICAL SUMMARY REPORT

June 30, 2006

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

Workorder No.: C06060136  
 Project Name: Not Indicated

---

Energy Laboratories, Inc. received the following 2 samples from NFU-WY LLC on 6/2/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C06060136-001	LS1W	06/01/06 11:05	06/02/06	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
C06060136-002	LC1W	06/01/06 14:28	06/02/06	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations 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

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 GARLING  
 LABORATORY SUPERVISOR

### LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC  
 Project: Not Indicated  
 Lab ID: C06060136-001  
 Client Sample ID: LS1W

Report Date: 06/30/06  
 Collection Date: 06/01/06 11:05  
 Date Received: 06/02/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO <sub>3</sub>	120	mg/L		1		A2320 B	06/17/06 08:02 / th
Carbonate as CO <sub>3</sub>	ND	mg/L		1		A2320 B	06/17/06 08:02 / th
Bicarbonate as HCO <sub>3</sub>	146	mg/L		1		A2320 B	06/17/06 08:02 / th
Calcium	44	mg/L		1		E200.7	06/12/06 13:16 / cp
Chloride	3	mg/L		1		A4500-Cl B	06/07/06 16:33 / jl
Fluoride	0.3	mg/L		0.1		A4500-F C	06/12/06 08:28 / th
Magnesium	7	mg/L		1		E200.7	06/12/06 13:16 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH <sub>3</sub> G	06/13/06 13:15 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	06/05/06 14:24 / jal
Potassium	2	mg/L		1		E200.7	06/12/06 13:16 / cp
Silica	18.8	mg/L		0.1		E200.7	06/12/06 13:16 / cp
Sodium	14	mg/L		1		E200.7	06/12/06 13:16 / cp
Sulfate	46	mg/L		1		E200.7	06/12/06 13:16 / cp
<b>PHYSICAL PROPERTIES</b>							
Conductivity	316	umhos/cm		1.0		A2510 B	06/09/06 10:07 / jdH
pH	7.96	s.u.		0.01		A4500-H B	06/09/06 10:07 / jdH
Solids, Total Dissolved TDS @ 180 C	202	mg/L		10		A2540 C	06/09/06 16:23 / jdH
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	06/08/06 02:24 / bws
Arsenic	ND	mg/L	D	0.002		E200.8	06/08/06 02:24 / bws
Barium	ND	mg/L		0.1		E200.8	06/08/06 02:24 / bws
Boron	ND	mg/L		0.1		E200.7	06/12/06 13:16 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/08/06 02:24 / bws
Chromium	ND	mg/L		0.05		E200.8	06/08/06 02:24 / bws
Copper	ND	mg/L		0.01		E200.8	06/08/06 02:24 / bws
Iron	0.10	mg/L		0.03		E200.7	06/12/06 13:16 / cp
Lead	ND	mg/L		0.05		E200.8	06/08/06 02:24 / bws
Manganese	0.04	mg/L		0.01		E200.8	06/08/06 02:24 / bws
Mercury	ND	mg/L		0.001		E200.8	06/09/06 05:10 / bws
Molybdenum	ND	mg/L		0.1		E200.8	06/08/06 02:24 / bws
Nickel	ND	mg/L		0.05		E200.8	06/08/06 02:24 / bws
Selenium	ND	mg/L	D	0.004		E200.8	06/08/06 02:24 / bws
Uranium	0.0064	mg/L	D	0.0004		E200.8	06/08/06 02:24 / bws
Vanadium	ND	mg/L		0.1		E200.8	06/08/06 02:24 / bws
Zinc	0.01	mg/L		0.01		E200.8	06/08/06 02:24 / bws
<b>METALS - TOTAL</b>							
Iron	0.12	mg/L		0.03		E200.7	06/15/06 23:54 / cp
Manganese	0.03	mg/L		0.01		E200.7	06/15/06 23:54 / cp

Report RL - Analyte reporting limit.  
 Definitions: 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: Not Indicated  
 Lab ID: C06060136-001  
 Client Sample ID: LS1W

Report Date: 06/30/06  
 Collection Date: 06/01/06 11:05  
 Date Received: 06/02/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	134	pCi/L		1.0		E900.0	06/06/06 09:00 / rs
Gross Alpha precision (±)	2.8	pCi/L				E900.0	06/06/06 09:00 / rs
Gross Beta	79.1	pCi/L		2.0		E900.0	06/06/06 09:00 / rs
Gross Beta precision (±)	2.5	pCi/L				E900.0	06/06/06 09:00 / rs
Radium 226	46.4	pCi/L		0.2		E903.0	06/19/06 16:06 / trs
Radium 226 precision (±)	2.1	pCi/L				E903.0	06/19/06 16:06 / trs
Radium 228	4.8	pCi/L		1.0		RA-05	06/14/06 11:41 / pj
Radium 228 precision (±)	1.0	pCi/L				RA-05	06/14/06 11:41 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	-0.986	%				Calculation	06/18/06 19:25 / cp
Anions	3.49	meq/L				Calculation	06/18/06 19:25 / cp
Cations	3.42	meq/L				Calculation	06/18/06 19:25 / cp
Solids, Total Dissolved Calculated	208	mg/L				Calculation	06/18/06 19:25 / cp
TDS Balance (0.80 - 1.20)	0.970	dec. %				Calculation	06/18/06 19:25 / 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: Not Indicated  
 Lab ID: C06060136-002  
 Client Sample ID: LC1W

Report Date: 06/30/06  
 Collection Date: 06/01/06 14:28  
 Date Received: 06/02/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO3	105	mg/L		1		A2320 B	06/17/06 08:03 / th
Carbonate as CO3	ND	mg/L		1		A2320 B	06/17/06 08:03 / th
Bicarbonate as HCO3	128	mg/L		1		A2320 B	06/17/06 08:03 / th
Calcium	26.6	mg/L		0.5		E200.7	06/19/06 15:13 / cp
Chloride	5	mg/L		1		E200.7	06/19/06 15:13 / cp
Fluoride	0.4	mg/L		0.1		A4500-F C	06/12/06 08:30 / th
Magnesium	2	mg/L		1		E200.7	06/15/06 20:54 / cp
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	06/13/06 13:17 / jal
Nitrogen, Nitrate+Nitrite as N	1.6	mg/L		0.1		E353.2	06/05/06 14:26 / jal
Potassium	1	mg/L		1		E200.7	06/15/06 20:54 / cp
Silica	14.8	mg/L		0.1		E200.7	06/15/06 20:54 / cp
Sodium	25.5	mg/L		0.5		E200.7	06/19/06 15:13 / cp
Sulfate	20	mg/L		1		E200.7	06/15/06 20:54 / cp
<b>PHYSICAL PROPERTIES</b>							
Conductivity	274	umhos/cm		1.0		A2510 B	06/09/06 10:09 / jdH
pH	8.16	s.u.		0.01		A4500-H B	06/09/06 10:09 / jdH
Solids, Total Dissolved TDS @ 180 C	166	mg/L		10		A2540 C	06/09/06 16:23 / jdH
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	06/08/06 02:31 / bws
Arsenic	ND	mg/L	D	0.002		E200.8	06/08/06 02:31 / bws
Barium	ND	mg/L		0.1		E200.8	06/08/06 02:31 / bws
Boron	ND	mg/L		0.1		E200.7	06/19/06 15:13 / cp
Cadmium	ND	mg/L		0.005		E200.8	06/08/06 02:31 / bws
Chromium	ND	mg/L		0.05		E200.8	06/08/06 02:31 / bws
Copper	ND	mg/L		0.01		E200.8	06/08/06 02:31 / bws
Iron	ND	mg/L		0.03		E200.7	06/15/06 20:54 / cp
Lead	ND	mg/L		0.05		E200.8	06/08/06 02:31 / bws
Manganese	ND	mg/L		0.01		E200.8	06/08/06 02:31 / bws
Mercury	ND	mg/L		0.001		E200.8	06/09/06 05:18 / bws
Molybdenum	ND	mg/L		0.1		E200.8	06/08/06 02:31 / bws
Nickel	ND	mg/L		0.05		E200.8	06/08/06 02:31 / bws
Selenium	0.005	mg/L	D	0.004		E200.8	06/08/06 02:31 / bws
Uranium	0.123	mg/L	D	0.0004		E200.8	06/08/06 02:31 / bws
Vanadium	ND	mg/L		0.1		E200.8	06/08/06 02:31 / bws
Zinc	0.02	mg/L		0.01		E200.8	06/08/06 02:31 / bws
<b>METALS - TOTAL</b>							
Iron	ND	mg/L		0.03		E200.7	06/15/06 22:02 / cp
Manganese	ND	mg/L		0.01		E200.7	06/15/06 22:02 / cp

Report RL - Analyte reporting limit.  
 Definitions: 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: Not Indicated  
 Lab ID: C06060136-002  
 Client Sample ID: LC1W

Report Date: 06/30/06  
 Collection Date: 06/01/06 14:28  
 Date Received: 06/02/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	105	pCi/L		1.0		E900.0	06/06/06 09:00 / rs
Gross Alpha precision (±)	2.5	pCi/L				E900.0	06/06/06 09:00 / rs
Gross Beta	29.8	pCi/L		2.0		E900.0	06/06/06 09:00 / rs
Gross Beta precision (±)	1.9	pCi/L				E900.0	06/06/06 09:00 / rs
Radium 226	0.8	pCi/L		0.2		E903.0	06/19/06 16:06 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	06/19/06 16:06 / trs
Radium 228	ND	pCi/L		1.0		RA-05	06/14/06 11:41 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	-3.04	%				Calculation	06/20/06 13:09 / cp
Anions	2.78	meq/L				Calculation	06/20/06 13:09 / cp
Cations	2.62	meq/L				Calculation	06/20/06 13:09 / cp
Solids, Total Dissolved Calculated	165	mg/L				Calculation	06/20/06 13:09 / cp
TDS Balance (0.80 - 1.20)	1.01	dec. %				Calculation	06/20/06 13:09 / cp

Report RL - Analyte reporting limit.  
 Definitions: QCL - Quality control limit.

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



Energy Laboratories, Inc.

Sample Receipt Checklist

Client Name NFU-WY LLC

Date and Time Received: 6/2/2006 15:00:00

Work Order Number C06060136

Received by Ic

Login completed by: Corinne Wagner 6/2/2006 15:00:00  
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  11.2 °C
- 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: 30-Jun-06

CLIENT: NFU-WY LLC  
Project: Not Indicated  
Sample Delivery Group: C06060136

## 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](http://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.

<b>Company Name:</b> NEU Wyoming L.L.C. <b>Report Mail Address:</b> Dawn Schipaz NEU Wyoming LLC 10758 W. Centennial Road, Suite 200 Ken Caryl Ranch, Colorado, 80127 <b>Invoice Address:</b> NEU Wyoming LLC 10758 W. Centennial Road, Suite 200 Ken Caryl Ranch, Colorado 80127		<b>Project Name, PWS #, Permit #, Etc.:</b> Harold Backer ph(720-981-4588)		<b>Contact Name, Phone, Fax, E-mail:</b> Chris Petersen Ph(307-265-2373) Ur-Energy USA, Inc. Fax(307-265-2801) 646 River Cross Road Casper Wyoming 82401 Email(chris@ur-energyusa.com)		<b>Sampler Name if other than Contact:</b> Tom Mische Hydro Engineering 4895 East Magnolia Casper WY 82604	
<b>Report Required For:</b> POTWWTP <input type="checkbox"/> DW <input type="checkbox"/> Other _____ <b>Special Report Formats - ELI must be notified prior to sample submittal for the following:</b> NELAC <input type="checkbox"/> A2LA <input type="checkbox"/> Level IV <input type="checkbox"/> Other _____ EDD/EDT <input type="checkbox"/> Format _____		<b>ANALYSIS REQUESTED</b> Coliform & <del>Residual Chlorine</del> Ammonia as N, NO <sub>3</sub> + Nitrite H <sub>2</sub> S, CO <sub>2</sub> , Alk, TDS, Cl, and SO <sub>4</sub> by F Dissolved As, Cd, Co, Cr, Pb, Cu, Fe, Mn, Ni, Se, Zn Diss. Zn, Al, Be, Cu, Pb, Hg, W Re-226, Re-228, for Alpha for BSL U V Total, Turbidity SEE ATTACHED		<b>Notify ELI prior to RUSH sample submittal for additional charges and scheduling</b> Comments: RUSH Turnaround (TAT) _____ Normal Turnaround (TAT) _____		<b>Shipped by:</b> Handy Cooler ID(s) C1708 Receipt Temp 11.2 °C Custody Seal Y N Intact Y N Signature Y N Match Y N Lab ID _____	
<b>Number of Containers</b> Sample Type: A W S V B O Bioassay Other _____ <b>MATRIX</b> 4W 4W		<b>LABORATORY USE ONLY</b> Date/Time: _____ Signature: _____ Received by (print): _____ Date/Time: _____		<b>LABORATORY USE ONLY</b> Date/Time: _____ Signature: _____ Received by (print): _____ Date/Time: _____			
<b>Custody Record MUST be Signed</b>		<b>Signature:</b> Tom Mische Date/Time: 6/2/06 15:00		<b>Signature:</b> L. Cardfield Date/Time: 6/2/06 15:00			
<b>Sample Disposal:</b> Return to client: _____ Lab Disposal: _____		<b>Sample Type:</b> _____ # of fractions _____		<b>LABORATORY USE ONLY</b>			

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](http://www.energylab.com) for additional information, downloadable fee schedule, forms, & links.