

## ANALYTICAL SUMMARY REPORT

October 31, 2006

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

Workorder No.: C06091223

Project Name: Lost Creek and Lost Soldier

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Energy Laboratories, Inc. received the following 4 samples from NFU-WY LLC on 9/27/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C06091223-001	LC27M	09/26/06 13:23	09/27/06	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Chloride 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
C06091223-002	LS5023M	09/26/06 13:01	09/27/06	Aqueous	Same As Above
C06091223-003	LS5021M	09/26/06 15:29	09/27/06	Aqueous	Same As Above
C06091223-004	LS5024M	09/26/06 17:05	09/27/06	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 GARLING  
LABORATORY SUPERVISOR

OK



LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC  
 Project: Lost Creek and Lost Soldier  
 Lab ID: C06091223-001  
 Client Sample ID: LC27M

Report Date: 10/31/06  
 Collection Date: 09/26/06 13:23  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO3	76	mg/L		1		A2320 B	10/02/06 02:54 / smd
Carbonate as CO3	ND	mg/L		1		A2320 B	10/02/06 02:54 / smd
Bicarbonate as HCO3	93	mg/L		1		A2320 B	10/02/06 02:54 / smd
Calcium	29.5	mg/L		0.5		E200.7	10/06/06 16:36 / ts
Chloride	4	mg/L		1		A4500-Cl B	09/29/06 12:30 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	10/09/06 17:15 / bmm
Magnesium	0.6	mg/L		0.5		E200.7	10/06/06 16:36 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	09/29/06 12:42 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	09/28/06 12:30 / jal
Potassium	4.1	mg/L		0.5		E200.7	10/06/06 16:36 / ts
Silica	15.3	mg/L		0.1		E200.7	10/06/06 16:36 / ts
Sodium	19.5	mg/L		0.5		E200.7	10/06/06 16:36 / ts
Sulfate	29	mg/L		1		A4500-SO4 E	09/28/06 10:04 / jal
<b>PHYSICAL PROPERTIES</b>							
Solids, Total Dissolved TDS @ 180 C	136	mg/L		10		A2540 C	09/28/06 10:45 / th
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	09/28/06 19:09 / bws
Arsenic	0.009	mg/L		0.001		E200.8	09/28/06 19:09 / bws
Barium	ND	mg/L		0.1		E200.8	09/28/06 19:09 / bws
Boron	ND	mg/L		0.1		E200.7	10/06/06 16:36 / ts
Cadmium	ND	mg/L		0.01		E200.8	09/28/06 19:09 / bws
Chromium	ND	mg/L		0.05		E200.8	09/28/06 19:09 / bws
Copper	ND	mg/L		0.01		E200.8	09/28/06 19:09 / bws
Iron	ND	mg/L		0.03		E200.7	10/06/06 16:36 / ts
Lead	ND	mg/L		0.05		E200.8	09/28/06 19:09 / bws
Manganese	ND	mg/L		0.01		E200.8	09/28/06 19:09 / bws
Mercury	ND	mg/L		0.001		E200.8	09/28/06 19:09 / bws
Molybdenum	ND	mg/L		0.1		E200.8	09/28/06 19:09 / bws
Nickel	ND	mg/L		0.05		E200.8	09/28/06 19:09 / bws
Selenium	ND	mg/L		0.001		E200.8	09/28/06 19:09 / bws
Uranium	0.0026	mg/L		0.0003		E200.8	09/28/06 19:09 / bws
Vanadium	ND	mg/L		0.1		E200.8	09/28/06 19:09 / bws
Zinc	ND	mg/L		0.01		E200.8	09/28/06 19:09 / bws
<b>METALS - TOTAL</b>							
Iron	0.15	mg/L		0.03		E200.7	10/10/06 19:08 / ts
Manganese	ND	mg/L		0.01		E200.7	10/10/06 19:08 / ts

Report Definitions: RL - Analyte reporting limit.  
 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 and Lost Soldier  
 Lab ID: C06091223-001  
 Client Sample ID: LC27M

Report Date: 10/31/06  
 Collection Date: 09/26/06 13:23  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	10.7	pCi/L		1.0		E900.0	10/15/06 00:38 / cw
Gross Alpha precision (±)	1.0	pCi/L				E900.0	10/15/06 00:38 / cw
Gross Beta	9.7	pCi/L		2.0		E900.0	10/15/06 00:38 / cw
Gross Beta precision (±)	1.6	pCi/L				E900.0	10/15/06 00:38 / cw
Radium 226	1.1	pCi/L		0.2		E903.0	10/15/06 23:11 / trs
Radium 226 precision (±)	0.4	pCi/L				E903.0	10/15/06 23:11 / trs
Radium 228	ND	pCi/L		1.0		RA-05	10/09/06 14:06 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	4.85	%				Calculation	10/30/06 15:56 / sec
Anions	2.25	meq/L				Calculation	10/30/06 15:56 / sec
Cations	2.48	meq/L				Calculation	10/30/06 15:56 / sec
Solids, Total Dissolved Calculated	148	mg/L				Calculation	10/30/06 15:56 / sec
TDS Balance (0.80 - 1.20)	0.920	dec. %				Calculation	10/30/06 15:56 / sec

Report RL - Analyte reporting limit.  
 Definitions: 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: **9/27/2006 15:45:00**

Work Order Number **C06091223**

Received by **tb**

Login completed by: Corinne Wagner 9/27/2006 15:45:00  
Signature Date

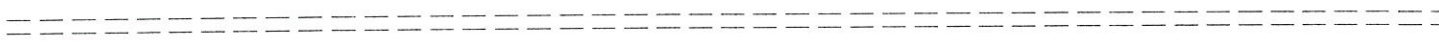
*Corinne Wagner*

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  6.8 °C On Ice
- 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: 31-Oct-06

CLIENT: NFU-WY LLC  
Project: Lost Creek and Lost Soldier  
Sample Delivery Group: C06091223

## 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.



LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC  
 Project: Lost Creek and Lost Soldier  
 Lab ID: C06091223-002  
 Client Sample ID: LS5023M

Report Date: 10/31/06  
 Collection Date: 09/26/06 13:01  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO3	88	mg/L		1		A2320 B	10/02/06 08:34 / smd
Carbonate as CO3	2	mg/L		1		A2320 B	10/02/06 08:34 / smd
Bicarbonate as HCO3	103	mg/L		1		A2320 B	10/02/06 08:34 / smd
Calcium	39.7	mg/L		0.5		E200.7	10/06/06 16:40 / ts
Chloride	2	mg/L		1		A4500-Cl B	09/29/06 12:31 / jl
Fluoride	0.3	mg/L		0.1		A4500-F C	10/09/06 17:17 / bmm
Magnesium	1.8	mg/L		0.5		E200.7	10/06/06 16:40 / ts
Nitrogen, Ammonia as N	0.32	mg/L		0.05		A4500-NH3 G	09/29/06 12:50 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	09/28/06 12:33 / jal
Potassium	5.4	mg/L		0.5		E200.7	10/06/06 16:40 / ts
Silica	16.8	mg/L		0.1		E200.7	10/06/06 16:40 / ts
Sodium	28.8	mg/L		0.5		E200.7	10/06/06 16:40 / ts
Sulfate	69	mg/L	D	2		A4500-SO4 E	09/28/06 10:05 / jal
<b>PHYSICAL PROPERTIES</b>							
Solids, Total Dissolved TDS @ 180 C	188	mg/L		10		A2540 C	09/28/06 10:45 / th
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	09/28/06 21:08 / bws
Arsenic	ND	mg/L		0.001		E200.8	09/28/06 21:08 / bws
Barium	ND	mg/L		0.1		E200.8	09/28/06 21:08 / bws
Boron	ND	mg/L		0.1		E200.7	10/06/06 16:40 / ts
Cadmium	ND	mg/L		0.01		E200.8	09/28/06 21:08 / bws
Chromium	ND	mg/L		0.05		E200.8	09/28/06 21:08 / bws
Copper	ND	mg/L		0.01		E200.8	09/28/06 21:08 / bws
Iron	ND	mg/L		0.03		E200.7	10/06/06 16:40 / ts
Lead	ND	mg/L		0.05		E200.8	09/28/06 21:08 / bws
Manganese	ND	mg/L		0.01		E200.8	09/28/06 21:08 / bws
Mercury	ND	mg/L		0.001		E200.8	09/28/06 21:08 / bws
Molybdenum	ND	mg/L		0.1		E200.8	09/28/06 21:08 / bws
Nickel	ND	mg/L		0.05		E200.8	09/28/06 21:08 / bws
Selenium	ND	mg/L		0.001		E200.8	09/28/06 21:08 / bws
Uranium	0.0036	mg/L		0.0003		E200.8	09/28/06 21:08 / bws
Vanadium	ND	mg/L		0.1		E200.8	09/28/06 21:08 / bws
Zinc	ND	mg/L		0.01		E200.8	09/28/06 21:08 / bws
<b>METALS - TOTAL</b>							
Iron	0.07	mg/L		0.03		E200.7	10/10/06 19:12 / ts
Manganese	ND	mg/L		0.01		E200.7	10/10/06 19:12 / ts

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 and Lost Soldier  
 Lab ID: C06091223-002  
 Client Sample ID: LS5023M

Report Date: 10/31/06  
 Collection Date: 09/26/06 13:01  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	19.8	pCi/L		1.0		E900.0	10/15/06 00:38 / cw
Gross Alpha precision (±)	1.2	pCi/L				E900.0	10/15/06 00:38 / cw
Gross Beta	16.8	pCi/L		2.0		E900.0	10/15/06 00:38 / cw
Gross Beta precision (±)	1.8	pCi/L				E900.0	10/15/06 00:38 / cw
Radium 226	4.5	pCi/L		0.2		E903.0	10/16/06 00:12 / trs
Radium 226 precision (±)	0.7	pCi/L				E903.0	10/16/06 00:12 / trs
Radium 228	1.9	pCi/L		1.0		RA-05	10/09/06 15:39 / pj
Radium 228 precision (±)	0.7	pCi/L				RA-05	10/09/06 15:39 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	4.30	%				Calculation	10/30/06 13:20 / ks
Anions	3.25	meq/L				Calculation	10/30/06 13:20 / ks
Cations	3.55	meq/L				Calculation	10/30/06 13:20 / ks
Solids, Total Dissolved Calculated	216	mg/L				Calculation	10/30/06 13:20 / ks
TDS Balance (0.80 - 1.20)	0.870	dec. %				Calculation	10/30/06 13:20 / 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 and Lost Soldier  
 Lab ID: C06091223-003  
 Client Sample ID: LS5021M

Report Date: 10/31/06  
 Collection Date: 09/26/06 15:29  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO3	78	mg/L		1		A2320 B	10/02/06 03:08 / smd
Carbonate as CO3	2	mg/L		1		A2320 B	10/02/06 03:08 / smd
Bicarbonate as HCO3	93	mg/L		1		A2320 B	10/02/06 03:08 / smd
Calcium	37.6	mg/L		0.5		E200.7	10/06/06 16:43 / ts
Chloride	2	mg/L		1		A4500-Cl B	09/29/06 12:32 / jl
Fluoride	0.3	mg/L		0.1		A4500-F C	10/09/06 17:19 / bmm
Magnesium	1.7	mg/L		0.5		E200.7	10/06/06 16:43 / ts
Nitrogen, Ammonia as N	0.32	mg/L		0.05		A4500-NH3 G	09/29/06 12:52 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	09/28/06 12:35 / jal
Potassium	5.0	mg/L		0.5		E200.7	10/06/06 16:43 / ts
Silica	15.9	mg/L		0.1		E200.7	10/06/06 16:43 / ts
Sodium	27.4	mg/L		0.5		E200.7	10/06/06 16:43 / ts
Sulfate	68	mg/L	D	2		A4500-SO4 E	09/28/06 10:07 / jal
<b>PHYSICAL PROPERTIES</b>							
Solids, Total Dissolved TDS @ 180 C	182	mg/L		10		A2540 C	09/28/06 10:46 / th
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	09/28/06 21:16 / bws
Arsenic	ND	mg/L		0.001		E200.8	09/28/06 21:16 / bws
Barium	ND	mg/L		0.1		E200.8	09/28/06 21:16 / bws
Boron	ND	mg/L		0.1		E200.7	10/06/06 16:43 / ts
Cadmium	ND	mg/L		0.01		E200.8	09/28/06 21:16 / bws
Chromium	ND	mg/L		0.05		E200.8	09/28/06 21:16 / bws
Copper	ND	mg/L		0.01		E200.8	09/28/06 21:16 / bws
Iron	ND	mg/L		0.03		E200.7	10/06/06 16:43 / ts
Lead	ND	mg/L		0.05		E200.8	09/28/06 21:16 / bws
Manganese	ND	mg/L		0.01		E200.8	09/28/06 21:16 / bws
Mercury	ND	mg/L		0.001		E200.8	09/28/06 21:16 / bws
Molybdenum	ND	mg/L		0.1		E200.8	09/28/06 21:16 / bws
Nickel	ND	mg/L		0.05		E200.8	09/28/06 21:16 / bws
Selenium	ND	mg/L		0.001		E200.8	09/28/06 21:16 / bws
Uranium	0.0036	mg/L		0.0003		E200.8	09/28/06 21:16 / bws
Vanadium	ND	mg/L		0.1		E200.8	09/28/06 21:16 / bws
Zinc	ND	mg/L		0.01		E200.8	09/28/06 21:16 / bws
<b>METALS - TOTAL</b>							
Iron	0.07	mg/L		0.03		E200.7	10/10/06 19:15 / ts
Manganese	ND	mg/L		0.01		E200.7	10/10/06 19:15 / ts

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: Lost Creek and Lost Soldier  
 Lab ID: C06091223-003  
 Client Sample ID: LS5021M

Report Date: 10/31/06  
 Collection Date: 09/26/06 15:29  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	19.7	pCi/L		1.0		E900.0	10/15/06 00:37 / cw
Gross Alpha precision (±)	1.2	pCi/L				E900.0	10/15/06 00:37 / cw
Gross Beta	19.5	pCi/L		2.0		E900.0	10/15/06 00:37 / cw
Gross Beta precision (±)	1.8	pCi/L				E900.0	10/15/06 00:37 / cw
Radium 226	3.8	pCi/L		0.2		E903.0	10/16/06 01:12 / trs
Radium 226 precision (±)	0.7	pCi/L				E903.0	10/16/06 01:12 / trs
Radium 228	1.6	pCi/L		1.0		RA-05	10/09/06 15:39 / pj
Radium 228 precision (±)	0.7	pCi/L				RA-05	10/09/06 15:39 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	4.90	%				Calculation	10/30/06 15:51 / sec
Anions	3.05	meq/L				Calculation	10/30/06 15:51 / sec
Cations	3.36	meq/L				Calculation	10/30/06 15:51 / sec
Solids, Total Dissolved Calculated	205	mg/L				Calculation	10/30/06 15:51 / sec
TDS Balance (0.80 - 1.20)	0.890	dec. %				Calculation	10/30/06 15:51 / sec

Report Definitions: RL - Analyte reporting limit.  
 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 and Lost Soldier  
 Lab ID: C06091223-004  
 Client Sample ID: LS5024M

Report Date: 10/31/06  
 Collection Date: 09/26/06 17:05  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO3	2	mg/L		1		A2320 B	10/02/06 11:25 / smd
Carbonate as CO3	ND	mg/L		1		A2320 B	10/02/06 11:25 / smd
Bicarbonate as HCO3	3	mg/L		1		A2320 B	10/02/06 11:25 / smd
Calcium	ND	mg/L		0.5		E200.7	10/06/06 16:47 / ts
Chloride	ND	mg/L		1		A4500-Cl B	09/29/06 12:33 / jl
Fluoride	ND	mg/L		0.1		A4500-F C	10/09/06 17:22 / bmm
Magnesium	ND	mg/L		0.5		E200.7	10/06/06 16:47 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	09/29/06 12:54 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	09/28/06 12:45 / jal
Potassium	ND	mg/L		0.5		E200.7	10/06/06 16:47 / ts
Silica	ND	mg/L		0.1		E200.7	10/06/06 16:47 / ts
Sodium	ND	mg/L		0.5		E200.7	10/06/06 16:47 / ts
Sulfate	1	mg/L		1		A4500-SO4 E	09/28/06 10:09 / jal
<b>PHYSICAL PROPERTIES</b>							
Solids, Total Dissolved TDS @ 180 C	ND	mg/L		10		A2540 C	09/28/06 10:46 / th
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	09/28/06 21:23 / bws
Arsenic	ND	mg/L		0.001		E200.8	09/28/06 21:23 / bws
Barium	ND	mg/L		0.1		E200.8	09/28/06 21:23 / bws
Boron	ND	mg/L		0.1		E200.7	10/06/06 16:47 / ts
Cadmium	ND	mg/L		0.01		E200.8	09/28/06 21:23 / bws
Chromium	ND	mg/L		0.05		E200.8	09/28/06 21:23 / bws
Copper	ND	mg/L		0.01		E200.8	09/28/06 21:23 / bws
Iron	ND	mg/L		0.03		E200.7	10/06/06 16:47 / ts
Lead	ND	mg/L		0.05		E200.8	09/28/06 21:23 / bws
Manganese	ND	mg/L		0.01		E200.8	09/28/06 21:23 / bws
Mercury	ND	mg/L		0.001		E200.8	09/28/06 21:23 / bws
Molybdenum	ND	mg/L		0.1		E200.8	09/28/06 21:23 / bws
Nickel	ND	mg/L		0.05		E200.8	09/28/06 21:23 / bws
Selenium	ND	mg/L		0.001		E200.8	09/28/06 21:23 / bws
Uranium	ND	mg/L		0.0003		E200.8	09/28/06 21:23 / bws
Vanadium	ND	mg/L		0.1		E200.8	09/28/06 21:23 / bws
Zinc	ND	mg/L		0.01		E200.8	09/28/06 21:23 / bws
<b>METALS - TOTAL</b>							
Iron	ND	mg/L		0.03		E200.7	10/10/06 19:18 / ts
Manganese	ND	mg/L		0.01		E200.7	10/10/06 19:18 / ts

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 and Lost Soldier  
 Lab ID: C06091223-004  
 Client Sample ID: LS5024M

Report Date: 10/31/06  
 Collection Date: 09/26/06 17:05  
 Date Received: 09/27/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	ND	pCi/L		1.0		E900.0	10/15/06 00:37 / cw
Gross Beta	ND	pCi/L		2.0		E900.0	10/15/06 00:37 / cw
Radium 226	ND	pCi/L		0.2		E903.0	10/16/06 02:13 / trs
Radium 228	ND	pCi/L		1.0		RA-05	10/09/06 15:39 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	-55.7	%				Calculation	10/30/06 13:26 / ks
Anions	0.066	meq/L				Calculation	10/30/06 13:26 / ks
Cations	0.019	meq/L				Calculation	10/30/06 13:26 / 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.



# Chain of Custody and Analytical Request Record

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

Company Name: NFA Wyoming L.L.C.  
 Report Mail Address: Dawn Schipke, NFA Wyoming L.L.C., 10758 W. Centennial Road, Suite 200, Ken Caryl Ranch, Colorado 80127  
 Invoice Address: NFA Wyoming L.L.C., 10758 W. Centennial Road, Suite 200, Ken Caryl Ranch, Colorado 80127

Project Name, PWS #, Permit #, Etc.: Lost Creek & Lost Soldier  
 Contact Name, Phone, Fax, E-mail: Tom Michel, 266-6597, Email: hwydro@caluretech.net  
 Sampler Name if other than Contact: \_\_\_\_\_  
 Purchase Order #: \_\_\_\_\_  
 ELI Quote #: \_\_\_\_\_

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 \_\_\_\_\_

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

Received by (print): Tom Bottman Date/Time: 9/27/06 15:45 Signature: \_\_\_\_\_  
 Relinquished by (print): \_\_\_\_\_ Date/Time: \_\_\_\_\_ Signature: \_\_\_\_\_  
 Relinquished by (print): \_\_\_\_\_ Date/Time: \_\_\_\_\_ Signature: \_\_\_\_\_

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