



## ANALYTICAL SUMMARY REPORT

December 19, 2006

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

Workorder No.: C06110862

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 4 samples from NFU-WY LLC on 11/18/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C06110862-001	LC27M	11/16/06 13:15	11/18/06	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity QA Calculations Chloride Conductivity Sample Filtering 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
C06110862-002	LC22M	11/16/06 10:30	11/18/06	Aqueous	Same As Above
C06110862-003	LC26M	11/17/06 12:20	11/18/06	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
C06110862-004	LC25M	11/17/06 14:58	11/18/06	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



LABORATORY ANALYTICAL REPORT

Client: NFU-WY LLC  
 Project: Lost Creek  
 Lab ID: C06110862-001  
 Client Sample ID: LC27M

Report Date: 12/19/06  
 Collection Date: 11/16/06 13:15  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Carbonate as CO3	2	mg/L		1		A2320 B	11/21/06 10:41 / jj
Bicarbonate as HCO3	82	mg/L		1		A2320 B	11/21/06 10:41 / jj
Calcium	27	mg/L		1		E200.7	12/05/06 11:50 / ts
Chloride	6	mg/L		1		A4500-Cl B	11/21/06 13:50 / jl
Fluoride	0.3	mg/L		0.1		A4500-F C	11/21/06 17:27 / jj
Magnesium	ND	mg/L		1		E200.7	12/05/06 11:50 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	11/29/06 13:21 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	11/21/06 09:29 / jal
Potassium	4	mg/L		1		E200.7	12/05/06 11:50 / ts
Silica	15.5	mg/L		0.1		E200.7	12/05/06 11:50 / ts
Sodium	21	mg/L		1		E200.7	12/05/06 11:50 / ts
Sulfate	29	mg/L		1		A4500-SO4 E	11/21/06 15:09 / jal
<b>PHYSICAL PROPERTIES</b>							
Conductivity	243	umhos/cm		1.0		A2510 B	11/21/06 10:26 / jj
pH	8.66	s.u.		0.01		A4500-H B	11/21/06 10:26 / jj
Solids, Total Dissolved TDS @ 180 C	96	mg/L		10		A2540 C	11/21/06 16:59 / jj
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	11/21/06 17:15 / sml
Arsenic	0.006	mg/L		0.001		E200.8	11/21/06 17:15 / sml
Barium	ND	mg/L		0.1		E200.8	11/21/06 17:15 / sml
Boron	ND	mg/L		0.1		E200.7	12/05/06 11:50 / ts
Cadmium	ND	mg/L		0.005		E200.8	11/21/06 17:15 / sml
Chromium	ND	mg/L		0.05		E200.8	11/21/06 17:15 / sml
Copper	ND	mg/L		0.01		E200.8	11/21/06 17:15 / sml
Iron	ND	mg/L		0.03		E200.7	12/05/06 11:50 / ts
Lead	ND	mg/L		0.001		E200.8	11/21/06 17:15 / sml
Manganese	ND	mg/L		0.01		E200.8	11/21/06 17:15 / sml
Mercury	ND	mg/L		0.001		E200.8	11/21/06 17:15 / sml
Molybdenum	ND	mg/L		0.1		E200.8	11/21/06 17:15 / sml
Nickel	ND	mg/L		0.05		E200.8	11/21/06 17:15 / sml
Selenium	ND	mg/L		0.001		E200.8	11/21/06 17:15 / sml
Uranium	0.0015	mg/L		0.0003		E200.8	11/21/06 17:15 / sml
Vanadium	ND	mg/L		0.1		E200.8	11/21/06 17:15 / sml
Zinc	ND	mg/L		0.01		E200.8	11/21/06 17:15 / sml
<b>METALS - TOTAL</b>							
Iron	0.08	mg/L		0.03		E200.7	12/05/06 12:52 / ts
Manganese	ND	mg/L		0.01		E200.7	12/05/06 12:52 / 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  
 Lab ID: C06110862-001  
 Client Sample ID: LC27M

Report Date: 12/19/06  
 Collection Date: 11/16/06 13:15  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	6.8	pCi/L		1.0		E900.0	12/08/06 03:19 / rs
Gross Alpha precision (±)	0.7	pCi/L				E900.0	12/08/06 03:19 / rs
Gross Beta	9.4	pCi/L		2.0		E900.0	12/08/06 03:19 / rs
Gross Beta precision (±)	1.5	pCi/L				E900.0	12/08/06 03:19 / rs
Radium 226	1.1	pCi/L		0.2		E903.0	12/05/06 09:42 / trs
Radium 226 precision (±)	0.5	pCi/L				E903.0	12/05/06 09:42 / trs
Radium 228	3.6	pCi/L		1.0		RA-05	11/29/06 15:30 / pj
Radium 228 precision (±)	0.9	pCi/L				RA-05	11/29/06 15:30 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	5.04	%				Calculation	12/07/06 12:53 / cp
Anions	2.19	meq/L				Calculation	12/07/06 12:53 / cp
Cations	2.42	meq/L				Calculation	12/07/06 12:53 / cp
Solids, Total Dissolved Calculated	145	mg/L				Calculation	12/07/06 12:53 / cp
TDS Balance (0.80 - 1.20)	0.660	dec. %				Calculation	12/07/06 12:53 / cp

- The ion balance was affected by the presence of solids in an acid preserved sample.

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: C06110862-002  
 Client Sample ID: LC22M

Report Date: 12/19/06  
 Collection Date: 11/16/06 10:30  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Carbonate as CO3	ND	mg/L		1		A2320 B	11/21/06 10:42 / jj
Bicarbonate as HCO3	109	mg/L		1		A2320 B	11/21/06 10:42 / jj
Calcium	62	mg/L		1		E200.7	12/05/06 12:00 / ts
Chloride	4	mg/L		1		A4500-Cl B	11/21/06 13:53 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	11/21/06 17:29 / jj
Magnesium	3	mg/L		1		E200.7	12/05/06 12:00 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	11/29/06 13:23 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	11/21/06 09:32 / jal
Potassium	2	mg/L		1		E200.7	12/05/06 12:00 / ts
Silica	12.8	mg/L		0.1		E200.7	12/05/06 12:00 / ts
Sodium	36	mg/L		1		E200.7	12/05/06 12:00 / ts
Sulfate	154	mg/L	D	6		A4500-SO4 E	11/21/06 15:10 / jal
<b>PHYSICAL PROPERTIES</b>							
Conductivity	531	umhos/cm		1.0		A2510 B	11/21/06 10:30 / jj
pH	8.15	s.u.		0.01		A4500-H B	11/21/06 10:30 / jj
Solids, Total Dissolved TDS @ 180 C	280	mg/L		10		A2540 C	11/21/06 16:59 / jj
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	11/21/06 17:28 / sml
Arsenic	0.001	mg/L		0.001		E200.8	11/21/06 17:28 / sml
Barium	ND	mg/L		0.1		E200.8	11/21/06 17:28 / sml
Boron	ND	mg/L		0.1		E200.7	12/05/06 12:00 / ts
Cadmium	ND	mg/L		0.005		E200.8	11/21/06 17:28 / sml
Chromium	ND	mg/L		0.05		E200.8	11/21/06 17:28 / sml
Copper	ND	mg/L		0.01		E200.8	11/21/06 17:28 / sml
Iron	ND	mg/L		0.03		E200.7	12/05/06 12:00 / ts
Lead	ND	mg/L		0.001		E200.8	11/21/06 17:28 / sml
Manganese	ND	mg/L		0.01		E200.8	11/21/06 17:28 / sml
Mercury	ND	mg/L		0.001		E200.8	11/21/06 17:28 / sml
Molybdenum	ND	mg/L		0.1		E200.8	11/21/06 17:28 / sml
Nickel	ND	mg/L		0.05		E200.8	11/21/06 17:28 / sml
Selenium	0.001	mg/L		0.001		E200.8	11/21/06 17:28 / sml
Uranium	0.185	mg/L		0.0003		E200.8	11/21/06 17:28 / sml
Vanadium	ND	mg/L		0.1		E200.8	11/21/06 17:28 / sml
Zinc	ND	mg/L		0.01		E200.8	11/21/06 17:28 / sml
<b>METALS - TOTAL</b>							
Iron	ND	mg/L		0.03		E200.7	12/05/06 12:55 / ts
Manganese	ND	mg/L		0.01		E200.7	12/05/06 12:55 / 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  
 Lab ID: C06110862-002  
 Client Sample ID: LC22M

Report Date: 12/19/06  
 Collection Date: 11/16/06 10:30  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	597	pCi/L		1.0		E900.0	12/08/06 03:19 / rs
Gross Alpha precision (±)	5.4	pCi/L				E900.0	12/08/06 03:19 / rs
Gross Beta	258	pCi/L		2.0		E900.0	12/08/06 03:19 / rs
Gross Beta precision (±)	3.8	pCi/L				E900.0	12/08/06 03:19 / rs
Radium 226	247	pCi/L		0.2		E903.0	12/05/06 09:42 / trs
Radium 226 precision (±)	5.4	pCi/L				E903.0	12/05/06 09:42 / trs
Radium 228	1.9	pCi/L		1.0		RA-05	11/29/06 15:30 / pj
Radium 228 precision (±)	0.9	pCi/L				RA-05	11/29/06 15:30 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	-1.69	%				Calculation	12/07/06 12:54 / cp
Anions	5.12	meq/L				Calculation	12/07/06 12:54 / cp
Cations	4.95	meq/L				Calculation	12/07/06 12:54 / cp
Solids, Total Dissolved Calculated	328	mg/L				Calculation	12/07/06 12:54 / cp
TDS Balance (0.80 - 1.20)	0.850	dec. %				Calculation	12/07/06 12:54 / cp

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  
 Lab ID: C06110862-003  
 Client Sample ID: LC26M

Report Date: 12/19/06  
 Collection Date: 11/17/06 12:20  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Carbonate as CO3	ND	mg/L		1		A2320 B	11/21/06 10:43 / jj
Bicarbonate as HCO3	166	mg/L		1		A2320 B	11/21/06 10:43 / jj
Calcium	127	mg/L		1		E200.7	12/07/06 13:44 / ts
Chloride	6	mg/L		1		A4500-Cl B	11/21/06 13:54 / jl
Fluoride	0.1	mg/L		0.1		A4500-F C	11/21/06 17:30 / jj
Magnesium	5	mg/L		1		E200.7	12/07/06 13:44 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	11/29/06 13:25 / jal
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	11/21/06 09:34 / jal
Potassium	3	mg/L		1		E200.7	12/07/06 13:44 / ts
Silica	17.0	mg/L		0.1		E200.7	12/07/06 13:44 / ts
Sodium	33	mg/L		1		E200.7	12/07/06 13:44 / ts
Sulfate	256	mg/L	D	6		A4500-SO4 E	11/21/06 15:11 / jal
<b>PHYSICAL PROPERTIES</b>							
Conductivity	786	umhos/cm		1.0		A2510 B	11/21/06 10:32 / jj
pH	8.06	s.u.		0.01		A4500-H B	11/21/06 10:32 / jj
Solids, Total Dissolved TDS @ 180 C	504	mg/L		10		A2540 C	11/21/06 17:00 / jj
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	11/21/06 17:35 / sml
Arsenic	0.001	mg/L		0.001		E200.8	11/21/06 17:35 / sml
Barium	ND	mg/L		0.1		E200.8	11/21/06 17:35 / sml
Boron	ND	mg/L		0.1		E200.7	12/07/06 13:44 / ts
Cadmium	ND	mg/L		0.005		E200.8	11/21/06 17:35 / sml
Chromium	ND	mg/L		0.05		E200.8	11/21/06 17:35 / sml
Copper	ND	mg/L		0.01		E200.8	11/21/06 17:35 / sml
Iron	ND	mg/L		0.03		E200.7	12/07/06 13:44 / ts
Lead	ND	mg/L		0.001		E200.8	11/21/06 17:35 / sml
Manganese	0.03	mg/L		0.01		E200.8	11/21/06 17:35 / sml
Mercury	ND	mg/L		0.001		E200.8	11/21/06 17:35 / sml
Molybdenum	ND	mg/L		0.1		E200.8	11/21/06 17:35 / sml
Nickel	ND	mg/L		0.05		E200.8	11/21/06 17:35 / sml
Selenium	ND	mg/L		0.001		E200.8	11/21/06 17:35 / sml
Uranium	0.0719	mg/L		0.0003		E200.8	11/21/06 17:35 / sml
Vanadium	ND	mg/L		0.1		E200.8	11/21/06 17:35 / sml
Zinc	ND	mg/L		0.01		E200.8	11/21/06 17:35 / sml
<b>METALS - TOTAL</b>							
Iron	0.23	mg/L		0.03		E200.7	12/05/06 12:58 / ts
Manganese	0.03	mg/L		0.01		E200.7	12/05/06 12:58 / 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  
 Lab ID: C06110862-003  
 Client Sample ID: LC26M

Report Date: 12/19/06  
 Collection Date: 11/17/06 12:20  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	300	pCi/L		1.0		E900.0	12/09/06 04:51 / rs
Gross Alpha precision (±)	3.0	pCi/L				E900.0	12/09/06 04:51 / rs
Gross Beta	119	pCi/L		2.0		E900.0	12/09/06 04:51 / rs
Gross Beta precision (±)	2.6	pCi/L				E900.0	12/09/06 04:51 / rs
Radium 226	77.2	pCi/L		0.2		E903.0	12/05/06 09:42 / trs
Radium 226 precision (±)	3.1	pCi/L				E903.0	12/05/06 09:42 / trs
Radium 228	3.8	pCi/L		1.0		RA-05	11/29/06 15:30 / pj
Radium 228 precision (±)	0.9	pCi/L				RA-05	11/29/06 15:30 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	0.288	%				Calculation	12/08/06 14:04 / cp
Anions	8.21	meq/L				Calculation	12/08/06 14:04 / cp
Cations	8.26	meq/L				Calculation	12/08/06 14:04 / cp
Solids, Total Dissolved Calculated	528	mg/L				Calculation	12/08/06 14:04 / cp
TDS Balance (0.80 - 1.20)	0.950	dec. %				Calculation	12/08/06 14:04 / cp

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  
 Lab ID: C06110862-004  
 Client Sample ID: LC25M

Report Date: 12/19/06  
 Collection Date: 11/17/06 14:58  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Carbonate as CO3	ND	mg/L		1		A2320 B	11/21/06 10:44 / jj
Bicarbonate as HCO3	120	mg/L		1		A2320 B	11/21/06 10:44 / jj
Calcium	70	mg/L		1		E200.7	12/05/06 12:48 / ts
Chloride	6	mg/L		1		A4500-Cl B	11/21/06 13:55 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	11/21/06 17:31 / jj
Magnesium	4	mg/L		1		E200.7	12/05/06 12:48 / ts
Nitrogen, Ammonia as N	ND	mg/L		0.05		A4500-NH3 G	11/29/06 13:27 / jal
Nitrogen, Nitrate+Nitrite as N	0.2	mg/L		0.1		E353.2	11/21/06 10:17 / jal
Potassium	2	mg/L		1		E200.7	12/05/06 12:48 / ts
Silica	14.6	mg/L		0.1		E200.7	12/05/06 12:48 / ts
Sodium	34	mg/L		1		E200.7	12/05/06 12:48 / ts
Sulfate	139	mg/L	D	6		A4500-SO4 E	11/21/06 15:13 / jal
<b>PHYSICAL PROPERTIES</b>							
Conductivity	516	umhos/cm		1.0		A2510 B	11/21/06 10:34 / jj
pH	8.28	s.u.		0.01		A4500-H B	11/21/06 10:34 / jj
Solids, Total Dissolved TDS @ 180 C	278	mg/L		10		A2540 C	11/21/06 17:01 / jj
<b>METALS - DISSOLVED</b>							
Aluminum	ND	mg/L		0.1		E200.8	11/21/06 17:42 / sml
Arsenic	0.001	mg/L		0.001		E200.8	11/21/06 17:42 / sml
Barium	ND	mg/L		0.1		E200.8	11/21/06 17:42 / sml
Boron	ND	mg/L		0.1		E200.7	12/05/06 12:48 / ts
Cadmium	ND	mg/L		0.005		E200.8	11/21/06 17:42 / sml
Chromium	ND	mg/L		0.05		E200.8	11/21/06 17:42 / sml
Copper	ND	mg/L		0.01		E200.8	11/21/06 17:42 / sml
Iron	ND	mg/L		0.03		E200.7	12/05/06 12:48 / ts
Lead	ND	mg/L		0.001		E200.8	11/21/06 17:42 / sml
Manganese	ND	mg/L		0.01		E200.8	11/21/06 17:42 / sml
Mercury	ND	mg/L		0.001		E200.8	11/21/06 17:42 / sml
Molybdenum	ND	mg/L		0.1		E200.8	11/21/06 17:42 / sml
Nickel	ND	mg/L		0.05		E200.8	11/21/06 17:42 / sml
Selenium	0.027	mg/L		0.001		E200.8	11/21/06 17:42 / sml
Uranium	0.460	mg/L		0.0003		E200.8	11/21/06 17:42 / sml
Vanadium	ND	mg/L		0.1		E200.8	11/21/06 17:42 / sml
Zinc	ND	mg/L		0.01		E200.8	11/21/06 17:42 / sml
<b>METALS - TOTAL</b>							
Iron	ND	mg/L		0.03		E200.7	12/05/06 13:11 / ts
Manganese	ND	mg/L		0.01		E200.7	12/05/06 13:11 / 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  
 Lab ID: C06110862-004  
 Client Sample ID: LC25M

Report Date: 12/19/06  
 Collection Date: 11/17/06 14:58  
 Date Received: 11/18/06  
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>RADIONUCLIDES - DISSOLVED</b>							
Gross Alpha	301	pCi/L		1.0		E900.0	12/09/06 04:51 / rs
Gross Alpha precision (±)	4.4	pCi/L				E900.0	12/09/06 04:51 / rs
Gross Beta	138	pCi/L		2.0		E900.0	12/09/06 04:51 / rs
Gross Beta precision (±)	2.9	pCi/L				E900.0	12/09/06 04:51 / rs
Radium 226	3.1	pCi/L		0.2		E903.0	12/05/06 09:42 / trs
Radium 226 precision (±)	0.7	pCi/L				E903.0	12/05/06 09:42 / trs
Radium 228	ND	pCi/L		1.0		RA-05	11/29/06 15:30 / pj
<b>DATA QUALITY</b>							
A/C Balance (± 5)	3.39	%				Calculation	12/07/06 12:54 / cp
Anions	5.03	meq/L				Calculation	12/07/06 12:54 / cp
Cations	5.38	meq/L				Calculation	12/07/06 12:54 / cp
Solids, Total Dissolved Calculated	330	mg/L				Calculation	12/07/06 12:54 / cp
TDS Balance (0.80 - 1.20)	0.840	dec. %				Calculation	12/07/06 12:54 / cp

Report RL - Analyte reporting limit.  
 Definitions: 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: <i>NFU - Wyoming L.L.C</i>		Project Name, PWS #, Permit #, Etc.: <i>Lost Creek</i>	
Report Mail Address: <i>Dawn Semppel NFU - 10 Jbmin g 10753 W. Centennial Road Suite 200 Ken Caryl Ranch, Colorado 80127</i>		Contact Name, Phone, Fax, E-mail: <i>Tom Wright 266-6397 hydro@alluretech.net</i>	Sampler Name if other than Contact:
Invoice Address: <i>See above</i>		Invoice Contact & Phone #: <i>Harold Backer 720-991-4588</i>	Purchase Order #: ELI Quote #:

Report Required For: POTW/WWTP <input type="checkbox"/> DW <input type="checkbox"/> Other _____			Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other	<b>ANALYSIS REQUESTED</b>										Notify ELI prior to RUSH sample submittal for additional charges and scheduling	Shipped by: <i>Hand</i>									
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC <input type="checkbox"/> A2LA <input type="checkbox"/> Level IV <input type="checkbox"/> Other _____ EDD/EDT <input type="checkbox"/> Format _____																Comments:	Cooler ID(s) <i>C-78</i>							
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date	Collection Time	MATRIX	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Receipt Temp <i>2.8</i> °C	Custody Seal Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Intact Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Signature Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Match	Lab ID										
1 <i>LC27M</i>		<i>05.15</i>	<i>11/16/06</i>	<i>13:15</i>											<i>4-W</i>	<input checked="" type="checkbox"/>								
2 <i>LC22M</i>		<i>05.9</i>	<i>11/16/06</i>	<i>10:30</i>											<i>4-W</i>	<input checked="" type="checkbox"/>								
3 <i>LC26M</i>		<i>05.3</i>	<i>11/17/06</i>	<i>12:20</i>											<i>5-W</i>	<input checked="" type="checkbox"/>								
4 <i>LC25M</i>		<i>05.2</i>	<i>11/17/06</i>	<i>14:58</i>											<i>5-W</i>	<input checked="" type="checkbox"/>								
5																								
6																								
7																								
8																								
9																								
10																								

<b>Custody Record MUST be Signed</b>	Relinquished by (print): <i>George L. Hoffman</i>		Date/Time: <i>11/16/06 9:55</i>		Signature: <i>[Signature]</i>		Received by (print): <i>B. Ketchum</i>		Date/Time: <i>11/18/06 9:55</i>		Signature: <i>[Signature]</i>	
	Relinquished by (print):		Date/Time:		Signature:		Received by (print):		Date/Time:		Signature:	
	Sample Disposal: Return to client: _____ Lab Disposal: _____						Sample Type: _____ # of fractions _____					

LABORATORY USE ONLY

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.



ENERGY LABORATORIES, INC. • 2369 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

Track#C06110862 Page

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: 11/18/2006 09:55:00

Work Order Number C06110862

Received by bk

Login completed by: Corinne Wagner 11/18/2006 09:55:0  
Signature Date

Reviewed by \_\_\_\_\_  
Initials Date

*Corinne Wagner*

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  2.8 °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: 19-Dec-06

CLIENT: NFU-WY LLC  
Project: Lost Creek  
Sample Delivery Group: C06110862

## 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.

Company Name: <i>NFU - Wyoming L.L.C</i>	Project Name, PWS #, Permit #, Etc.: <i>Lost Creek</i>		
Report Mail Address: <i>Dana Seppel NFU - 10 Jordin g 10755 W. Centennial Road Suite 200 Ken Caryl Ranch, Colorado 80127</i>	Contact Name, Phone, Fax, E-mail: <i>Tom Michty 266-6397 hydro@alluretech.net</i>		Sampler Name if other than Contact:
Invoice Address:  <i>See above</i>	Invoice Contact & Phone #: <i>Harold Backer 720-991-4588</i>	Purchase Order #:	ELI Quote #:

Report Required For: POTW/WWTP <input type="checkbox"/> DW <input type="checkbox"/> Other _____  Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC <input type="checkbox"/> A2LA <input type="checkbox"/> Level IV <input type="checkbox"/> Other _____ EDD/EDT <input type="checkbox"/> Format _____	ANALYSIS REQUESTED  Number of Containers _____ Sample Type: A W S V B O _____ Air Water Soils/Solids Vegetation _____ Bioassay Other _____	<b>SEE ATTACHED</b>  Normal Turnaround (TAT) _____ RUSH Turnaround (TAT) _____	Notify ELI prior to RUSH sample submittal for additional charges and scheduling  Comments: _____  Shipped by: <i>Hand</i> Cooler ID(s): <i>C-78</i> Receipt Temp: <i>2.8</i> °C Custody Seal Y <input checked="" type="checkbox"/> N Intact Y <input type="checkbox"/> N Signature Y <input type="checkbox"/> N Match _____ Lab ID _____																
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX																
<i>1 LC27M 05.15</i>	<i>11/16/06</i>	<i>13:15</i>	<i>4-W</i>																
<i>2 LC22M 05.9</i>	<i>11/16/06</i>	<i>10:30</i>	<i>4-W</i>																
<i>3 LC26M 05.3</i>	<i>11/17/06</i>	<i>12:20</i>	<i>5-W</i>																
<i>4 LC25M 05.2</i>	<i>11/17/06</i>	<i>14:58</i>	<i>5-W</i>																
<i>5</i>																			
<i>6</i>																			
<i>7</i>																			
<i>8</i>																			
<i>9</i>																			
<i>10</i>																			

**LABORATORY USE ONLY**

<b>Custody Record MUST be Signed</b>	Relinquished by (print): <i>George L Hoffman</i>	Date/Time: <i>11/18/06 9:55</i>	Signature: <i>[Signature]</i>	Received by (print): <i>B. Ketchum</i>	Date/Time: <i>11/18/06 9:55</i>	Signature: <i>[Signature]</i>
	Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
	Sample Disposal:	Return to client: _____	Lab Disposal: _____	Sample Type: _____	LABORATORY USE ONLY # 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](http://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