Mining and Reclamation Permit Application
Kinney No. 2 Mine

Volume 3

Carbon
Resources
Coal For Carbon County

Carbon Resources LLC
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Sandia Park, NM 87047
505-286-1253

Carbon Resources, LLC
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May 9, 2011

Mr. John Baza, Director
Department of Natural Resources
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

Dear Mr. Baza,

RE: PERMIT APPLICATION RESPONSE TO DEFICIENCIES, TASK ID# 3779 DATED 5/2/11 FOR KINNEY NO. 2 MINE - PERMIT NO. C/007/0047

In response to the Divisions Technical review deficiencies, Carbon Resources submits the attached permit responses to the technical deficiencies outlined in the Division's letter of May 2, 2011. The deficiencies letter has been utilized as a guidance document to address the applicable regulations as directed, and to respond to the technical deficiencies. The guidance document contains the deficiencies followed by a description of how the deficiency was addressed and, with some exceptions, the page in the MPR where the deficiency was addressed.

Three copies of the appropriate portions of the MRP with deficiencies addressed in redline strike-out format are herewith included for review by the Division. As per agreement with Joe Helfrich, Team Leader, we have formatted the current responses in blue text to differentiate the latest textual changes from the previous red text to make it clear what is new. Having both the reline-strikeout from the previous round or revisions together with the addition of blueline-strikeout appears to be useful in minimizing confusion. We will provide final copies just as soon as the Division reviews and approves the changes.

This submission is accompanied by Forms C1 and C2 as required.

Please feel free to contact me, Greg Hunt at (970) 856-9477, or Ben Grimes at (435) 653-2304 with any questions regarding this application.

Respectfully Submitted,

Greg

Gregory Hunt

File in:
☐ Confidential
☒ Shelf
☐ Expandable
Date Folder 010912 C/007/0047
Vol. 3 of 4
Incoming. Also see Confidential

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DIV. OF OIL, GAS & MINING

Exhibit 12

Surface and Ground Water Quality Data

Quality Spreadsheets

Laboratory Sheets

Quality Spreadsheets

EXHIBIT 12

SURFACE AND GROUNDWATER QUALITY DATA
(5-5-2009 Thru 8-31-2010)

TWO PARTS

AWAL Labs
Organized Spreadsheet Printouts
52 Pages

AWAL Labs
Individual Analyses Sheet
1,022 Pages

Carbon Resources Kinney # 2 Mine
1-10-2010

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EXHIBIT 12

SURFACE AND GROUNDWATER QUALITY DATA
(5-5-2009 Thru 8-31-2010)

AWAL Labs
Organized Spreadsheet Printouts
52 Pages

Carbon Resources Kinney # 2 Mine

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Angle Spring	L67580-03B	9/6/2005		9/9/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L67580-03B	9/6/2005		9/8/2005	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L67580-03F	9/6/2005	9/7/2005	9/8/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L67580-03B	9/6/2005		9/8/2005	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	96	10	mg/L		ICP-W-DIS
Angle Spring	L67580-03B	9/6/2005		9/8/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L67580-03B	9/6/2005		9/13/2005	Aqueous	Chloride	16887-00-6	10	21	10	mg/L		300.0-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Angle Spring	L67580-03C	9/6/2005	9/8/2005	9/13/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	10	mg/L		ICP-W-DIS
Angle Spring	L67580-03C	9/6/2005	9/8/2005	9/15/2005	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L67580-03B	9/6/2005		8/7/2005	Aqueous	Nitrate (as N)		1	0.97	0.01	mg/L		NO3-W
Angle Spring	L67580-03B	9/6/2005		9/7/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L67580-03E	9/6/2005		9/7/2005	Aqueous	Oil & Grease		1	4.6	3	mg/L		OGB-W
Angle Spring	L67580-03B	9/6/2005		9/8/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.06	mg/L		PO4-O
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.4	1	mg/L		ICP-W-DIS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L67580-03A	9/6/2005		9/7/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	9.4	1	mg/L		ICP-W-DIS
Angle Spring	L67580-03B	9/6/2005		9/13/2005	Aqueous	Sulfate	14808-79-8	10	15	10	mg/L		300.0-W
Angle Spring	L67580-03A	9/6/2005		9/7/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L67580-03D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Angle Spring	L68520-03B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	320	10	mg/L		2320B-ALK-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L68520-03F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	320	10	mg/L		2320B-ALK-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	94	5	mg/L		ICP-W-DIS
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L68520-03B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	20	5	mg/L		CL-W-LAT
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L68520-03C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-DIS
Angle Spring	L68520-03C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.99	0.01	mg/L		NO3-W
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L68520-03E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.5	1	mg/L		ICP-W-DIS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	9.8	5	mg/L		ICP-W-DIS
Angle Spring	L68520-03B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	0	5	mg/L		SO4-W
Angle Spring	L68520-03A	10/31/2005		11/1/2005	Aqueous	TDS		1	350	10	mg/L		TDS-W
Angle Spring	L68520-03A	10/31/2005		11/1/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.058	0.01	mg/L		6020-W-DISS
Angle Spring	L68520-03B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	320	10	mg/L		2320B-ALK-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L68520-03F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	320	10	mg/L		2320B-ALK-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	94	5	mg/L		ICP-W-DIS
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L68520-03B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	20	5	mg/L		CL-W-LAT
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L68520-03C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-DIS
Angle Spring	L68520-03C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.99	0.01	mg/L		NO3-W
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L68520-03E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Angle Spring	L68520-03B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.5	1	mg/L		ICP-W-DIS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Angle Spring	L68520-03A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	9.8	5	mg/L		ICP-W-DIS
Angle Spring	L68520-03B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	0	5	mg/L		SO4-W
Angle Spring	L68520-03A	10/31/2005		11/1/2005	Aqueous	TDS		1	350	10	mg/L		TDS-W
Angle Spring	L68520-03A	10/31/2005		11/1/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L68520-03D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.058	0.01	mg/L		6020-W-DISS
Angle Spring	L68977-04C	11/28/2005		12/1/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L68977-04C	11/28/2005		11/29/2005	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L68977-04F	11/28/2005	12/6/2005	12/7/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68977-04C	11/28/2005		11/29/2005	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	100	5	mg/L		ICP-W-DIS
Angle Spring	L68977-04C	11/28/2005		11/29/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L68977-04C	11/28/2005		12/3/2005	Aqueous	Chloride	16887-00-6	10	22	10	mg/L		300.0-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	340	10	mg/L		HARD
Angle Spring	L68977-04E	11/28/2005	11/30/2005	12/6/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-DIS
Angle Spring	L68977-04E	11/28/2005	11/30/2005	12/2/2005	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L68977-04C	11/28/2005		11/29/2005	Aqueous	Nitrate (as N)		1	0.96	0.01	mg/L		NO3-W
Angle Spring	L68977-04C	11/28/2005		11/29/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L68977-04G	11/28/2005		11/30/2005	Aqueous	Oil & Grease		1	3.7	3	mg/L		OGB-W
Angle Spring	L68977-04C	11/28/2005		11/29/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.0	1	mg/L		ICP-W-DIS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L68977-04A	11/28/2005		11/29/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	10	5	mg/L		ICP-W-DIS
Angle Spring	L68977-04C	11/28/2005		12/3/2005	Aqueous	Sulfate	14808-79-8	10	16	10	mg/L		300.0-W
Angle Spring	L68977-04B	11/28/2005		12/2/2005	Aqueous	TDS		1	290	10	mg/L		TDS-W
Angle Spring	L68977-04A	11/28/2005		11/29/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L68977-04D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.024	0.01	mg/L		6020-W-DISS
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Alkalinity,(As CaCO3)		1	310	10	mg/L		2320B-ALK-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L69428-04E	12/22/2005	12/23/2005	12/28/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Arsenic	7440-38-2	2	0	0.005	mg/L		6020-W-DISS
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Bicarbonate (As CaCO3)		1	310	10	mg/L		2320B-ALK-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Cadmium	7440-43-9	2	0	0.004	mg/L		6020-W-DISS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	100	1	mg/L		ICP-W-DIS
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L69428-04B	12/22/2005		12/28/2005	Aqueous	Chloride	16887-00-6	10	22	10	mg/L		300.0-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Copper	7440-50-8	2	0	0.004	mg/L		6020-W-DISS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Angle Spring	L69428-04D	12/22/2005	12/23/2005	12/27/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Lead	7439-92-1	2	0	0.005	mg/L		6020-W-DISS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	19	1	mg/L		ICP-W-DIS
Angle Spring	L69428-04D	12/22/2005	12/23/2005	12/28/2005	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Manganese	7439-96-5	2	0	0.005	mg/L		6020-W-DISS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Nitrate (as N)		1	0.98	0.01	mg/L		NO3-W
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L69428-04F	12/22/2005		12/28/2005	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Angle Spring	L69428-04B	12/22/2005		12/23/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.4	1	mg/L		ICP-W-DIS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Selenium	7782-49-2	2	0	0.005	mg/L		6020-W-DISS
Angle Spring	L69428-04A	12/22/2005		12/23/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	9.8	1	mg/L		ICP-W-DIS
Angle Spring	L69428-04B	12/22/2005		12/28/2005	Aqueous	Sulfate	14808-79-8	10	15	10	mg/L		300.0-W
Angle Spring	L69428-04A	12/22/2005		12/23/2005	Aqueous	TDS		1	400	10	mg/L		TDS-W
Angle Spring	L69428-04A	12/22/2005		12/23/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L69428-04C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Zinc	7440-66-6	2	0	0.01	mg/L		6020-W-DISS
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L69847-01C	1/22/2006	1/31/2006	2/1/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0.088	0.004	mg/L		6020-W-DISS
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	100	10	mg/L		ICP-W-DIS
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L69847-01B	1/22/2006		1/27/2006	Aqueous	Chloride	16887-00-6	1	33	10	mg/L	1	300.0-W
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.020	0.004	mg/L		6020-W-DISS
Angle Spring	L69847-01F	1/22/2006		1/27/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Angle Spring	L69847-01E	1/22/2006	1/24/2006	1/27/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	19	10	mg/L		ICP-W-DIS
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.012	0.005	mg/L		6020-W-DISS
Angle Spring	L69847-01E	1/22/2006	1/24/2006	1/30/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Nitrate (as N)		1	1.1	0.01	mg/L	1@	NO3-W
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L69847-01D	1/22/2006		1/24/2006	Aqueous	Oil & Grease		1	4.8	3	mg/L		OGB-W
Angle Spring	L69847-01B	1/22/2006		1/24/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.5	1	mg/L		ICP-W-DIS
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0.052	0.005	mg/L		6020-W-DISS
Angle Spring	L69847-01A	1/22/2006		1/24/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L69847-01F	1/22/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.4	1	mg/L		ICP-W-DIS
Angle Spring	L69847-01B	1/22/2006		1/27/2006	Aqueous	Sulfate	14808-79-8	1	16	2	mg/L		300.0-W
Angle Spring	L69847-01A	1/22/2006		1/24/2006	Aqueous	TDS		1	350	10	mg/L		TDS-W
Angle Spring	L69847-01A	1/22/2006		1/24/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L69847-01F	1/22/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.091	0.01	mg/L		6020-W-DISS
Angle Spring	L70355-04A	2/26/2006		2/28/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L70355-04A	2/26/2006		2/28/2006	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L70355-04C	2/26/2006	3/2/2006	3/2/2006	Aqueous	Ammonia (as N)		1	0.17	0.05	mg/L		NH3-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L70355-04A	2/26/2006		2/28/2006	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	100	10	mg/L	2	ICP-W-DIS
Angle Spring	L70355-04A	2/26/2006		2/28/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L70355-04A	2/26/2006		2/28/2006	Aqueous	Chloride	16887-00-6	10	22	10	mg/L		300.0-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L70355-04F	2/26/2006		3/7/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L70355-04E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L	@	6020-W-DISS
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	19	1	mg/L		ICP-W-DIS
Angle Spring	L70355-04E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L70355-04A	2/26/2006		2/27/2006	Aqueous	Nitrate (as N)		1	1.1	0.01	mg/L		NO3-W
Angle Spring	L70355-04A	2/26/2006		2/27/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L70355-04D	2/26/2006		2/27/2006	Aqueous	Oil & Grease		1	5.5	3	mg/L		OGB-W
Angle Spring	L70355-04A	2/26/2006		2/27/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.6	1	mg/L		ICP-W-DIS
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L70355-04B	2/26/2006		2/27/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.9	1	mg/L		ICP-W-DIS
Angle Spring	L70355-04A	2/26/2006		2/28/2006	Aqueous	Sulfate	14808-79-8	10	14	10	mg/L		300.0-W
Angle Spring	L70355-04B	2/26/2006		3/3/2006	Aqueous	TDS		1	240	10	mg/L		TDS-W
Angle Spring	L70355-04B	2/26/2006		2/28/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L70355-04F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.073	0.01	mg/L		6020-W-DISS
Angle Spring	L70885-01B	3/27/2006		3/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	97	10	mg/L		ICP-W-DIS
Angle Spring	L70885-01B	3/27/2006		3/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L70885-01B	3/27/2006		3/29/2006	Aqueous	Chloride	16887-00-6	10	24	10	mg/L		300.0-W
Angle Spring	L70885-01B	3/27/2006		3/30/2006	Aqueous	Conductivity		1	670	2	umhos/cm		COND-W
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L70885-01E	3/27/2006		4/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L70885-01D	3/27/2006	4/6/2006	4/9/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	19	1	mg/L		ICP-W-DIS
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L70885-01D	3/27/2006	4/3/2006	4/4/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L70885-01B	3/27/2006		3/29/2006	Aqueous	Nitrate (as N)		1	0.92	0.01	mg/L	1	NO3-W
Angle Spring	L70885-01B	3/27/2006		3/29/2006	Aqueous	Nitrite (as N)		1	0.099	0.01	mg/L	1@	NO2-W
Angle Spring	L70885-01F	3/27/2006		3/28/2006	Aqueous	Oil & Grease		1	4.0	3	mg/L		OGB-W
Angle Spring	L70885-01B	3/27/2006		3/28/2006	Aqueous	pH @ 25° C		1	7.04	0	pH Units		PH-W
Angle Spring	L70885-01B	3/27/2006		3/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	1	PO4-O
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-DIS
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L70885-01A	3/27/2006		3/28/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	10	1	mg/L		ICP-W-DIS
Angle Spring	L70885-01B	3/27/2006		3/29/2006	Aqueous	Sulfate	14808-79-8	10	15	10	mg/L		300.0-W
Angle Spring	L70885-01A	3/27/2006		3/31/2006	Aqueous	TDS		1	190	10	mg/L		TDS-W
Angle Spring	L70885-01A	3/27/2006		3/28/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L70885-01E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.052	0.01	mg/L		6020-W-DISS
Angle Spring	L71507-03B	4/26/2006		5/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L71507-03B	4/26/2006		5/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Angle Spring	L71507-03C	4/26/2006	5/3/2006	5/3/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.0086	0.005	mg/L		6020-W-DISS
Angle Spring	L71507-03B	4/26/2006		5/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	100	10	mg/L		ICP-W-dis
Angle Spring	L71507-03B	4/26/2006		5/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L71507-03B	4/26/2006		5/12/2006	Aqueous	Chloride	16887-00-6	1	22	10	mg/L		300.0-W
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0046	0.004	mg/L		6020-W-DISS
Angle Spring	L71507-03E	4/26/2006		5/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	340	10	mg/L		HARD
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Angle Spring	L71507-03D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	20	10	mg/L		ICP-W-dis
Angle Spring	L71507-03D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Angle Spring	L71507-03C	4/26/2006		5/4/2006	Aqueous	Nitrate/Nitrite (as N)		1	1.4	0.01	mg/L		NO2/NO3-W
Angle Spring	L71507-03F	4/26/2006		5/5/2006	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
Angle Spring	L71507-03B	4/26/2006		4/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.04	0.05	mg/L		PO4-O
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	0	1	mg/L		ICP-W-dis
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0.013	0.005	mg/L		6020-W-DISS
Angle Spring	L71507-03A	4/26/2006		4/28/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	10	21	10	mg/L		ICP-W-dis
Angle Spring	L71507-03B	4/26/2006		5/12/2006	Aqueous	Sulfate	14808-79-8	1	19	10	mg/L		300.0-W
Angle Spring	L71507-03A	4/26/2006		4/28/2006	Aqueous	TDS		1	310	10	mg/L		TDS-W
Angle Spring	L71507-03A	4/26/2006		4/28/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L71507-03E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.11	0.01	mg/L		6020-W-DISS
Angle Spring	L72071-03B	5/25/2006		5/30/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L72071-03B	5/25/2006		5/30/2006	Aqueous	Alkalinity,(As CaCO3)		1	290	10	mg/L		2320B-ALK-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L72071-03C	5/25/2006	5/30/2006	5/31/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72071-03B	5/25/2006		5/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	290	10	mg/L		2320B-ALK-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	90	10	mg/L		ICP-W-DIS
Angle Spring	L72071-03B	5/25/2006		5/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L72071-03B	5/25/2006		6/1/2006	Aqueous	Chloride	16887-00-6	1	22	10	mg/L		300.0-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L72071-03E	5/25/2006		6/9/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	220	10	mg/L		HARD
Angle Spring	L72071-03D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	10	mg/L		ICP-W-DIS
Angle Spring	L72071-03D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L72071-03B	5/25/2006		5/26/2006	Aqueous	Nitrate (as N)		1	0.96	0.01	mg/L		NO3-W
Angle Spring	L72071-03B	5/25/2006		5/26/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L72071-03F	5/25/2006		5/30/2006	Aqueous	Oil & Grease		1	4.3	3	mg/L		OGB-W
Angle Spring	L72071-03B	5/25/2006		5/26/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.5	1	mg/L		ICP-W-DIS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72071-03A	5/25/2006		5/26/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.6	1	mg/L		ICP-W-DIS
Angle Spring	L72071-03B	5/25/2006		6/1/2006	Aqueous	Sulfate	14808-79-8	1	14	10	mg/L		300.0-W
Angle Spring	L72071-03A	5/25/2006		5/26/2006	Aqueous	TDS		1	330	10	mg/L		TDS-W
Angle Spring	L72071-03A	5/25/2006		5/26/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L72071-03E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.010	0.01	mg/L		6020-W-DISS
Angle Spring	L72660-05B	6/29/2006		7/3/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L72660-05B	6/29/2006		7/3/2006	Aqueous	Alkalinity,(As CaCO3)		1	290	20	mg/L		2320B-ALK-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L72660-05C	6/29/2006	7/5/2006	7/7/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72660-05B	6/29/2006		7/3/2006	Aqueous	Bicarbonate (As CaCO3)		1	290	20	mg/L		2320B-ALK-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	92	10	mg/L		ICP-W-DIS
Angle Spring	L72660-05B	6/29/2006		7/3/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Angle Spring	L72660-05B	6/29/2006		7/5/2006	Aqueous	Chloride	16887-00-6	1	22	10	mg/L		300.0-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L72660-05E	6/29/2006		7/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Angle Spring	L72660-05D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	10	mg/L		ICP-W-DIS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72660-05D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L72660-05B	6/29/2006		6/30/2006	Aqueous	Nitrate (as N)		1	0.94	0.01	mg/L		NO3-W
Angle Spring	L72660-05B	6/29/2006		6/30/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L72660-05F	6/29/2006		6/30/2006	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Angle Spring	L72660-05B	6/29/2006		6/30/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.2	1	mg/L		ICP-W-DIS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L72660-05A	6/29/2006		6/30/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.7	1	mg/L		ICP-W-DIS
Angle Spring	L72660-05B	6/29/2006		7/5/2006	Aqueous	Sulfate	14808-79-8	1	18	10	mg/L		300.0-W
Angle Spring	L72660-05A	6/29/2006		6/30/2006	Aqueous	TDS		1	280	20	mg/L		TDS-W
Angle Spring	L72660-05A	6/29/2006		6/30/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L72660-05E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	290	20	mg/L		2320B-ALK-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L73160-02C	7/31/2006	8/2/2006	8/4/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	96	10	mg/L		ICP-W-DIS

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Angle Spring	L73160-02B	7/31/2006		8/8/2006	Aqueous	Chloride	16887-00-6	1	67	10	mg/L		300.0-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Angle Spring	L73160-02E	7/31/2006		8/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Angle Spring	L73160-02D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-DIS
Angle Spring	L73160-02D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Nitrate (as N)		1	1.0	0.01	mg/L		NO3-W
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L73160-02F	7/31/2006		8/8/2006	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Angle Spring	L73160-02B	7/31/2006		8/2/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.1	1	mg/L		ICP-W-DIS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73160-02A	7/31/2006		8/2/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.4	1	mg/L		ICP-W-DIS
Angle Spring	L73160-02B	7/31/2006		8/8/2006	Aqueous	Sulfate	14808-79-8	1	18	10	mg/L		300.0-W
Angle Spring	L73160-02A	7/31/2006		8/3/2006	Aqueous	TDS		1	290	20	mg/L		TDS-W
Angle Spring	L73160-02A	7/31/2006		8/2/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L73160-02E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.021	0.01	mg/L		6020-W-DISS
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Alkalinity,(As CaCO3)		1	300	20	mg/L		2320B-ALK-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L73504-02C	8/21/2006	8/23/2006	8/24/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Bicarbonate (As CaCO3)		1	300	20	mg/L		2320B-ALK-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	100	10	mg/L		ICP-W-DIS
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Angle Spring	L73504-02B	8/21/2006		8/24/2006	Aqueous	Chloride	16887-00-6	1	23	10	mg/L		300.0-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Angle Spring	L73504-02E	8/21/2006		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Angle Spring	L73504-02D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	19	10	mg/L		ICP-W-DIS
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Manganese	7439-96-5	5	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73504-02D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Manganese	7439-96-5	1	0	0.005	mg/L		ICP-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Nitrate (as N)		1	0.94	0.01	mg/L		NO3-W
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Angle Spring	L73504-02F	8/21/2006		8/23/2006	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Angle Spring	L73504-02B	8/21/2006		8/23/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.5	1	mg/L		ICP-W-DIS
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Angle Spring	L73504-02A	8/21/2006		8/23/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Angle Spring	L73504-02E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	10	1	mg/L		ICP-W-DIS
Angle Spring	L73504-02B	8/21/2006		8/24/2006	Aqueous	Sulfate	14808-79-8	1	18	10	mg/L		300.0-W
Angle Spring	L73504-02A	8/21/2006		8/25/2006	Aqueous	TDS		1	270	20	mg/L		TDS-W
Angle Spring	L73504-02A	8/21/2006		8/23/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Angle Spring	L73504-02E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Aspen Spring	L81026-05B	11/12/2007		11/15/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Aspen Spring	L81026-05B	11/12/2007		11/15/2007	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L81026-05C	11/12/2007	11/15/2007	11/15/2007	Aqueous	Ammonia (as N)		1	0.093	0.05	mg/L		NH3-W
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.0016	0.0006	mg/L		6020-W-DISS
Aspen Spring	L81026-05B	11/12/2007		11/15/2007	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	64	10	mg/L	#	ICP-W-dis
Aspen Spring	L81026-05B	11/12/2007		11/15/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Aspen Spring	L81026-05B	11/12/2007		11/21/2007	Aqueous	Chloride	16887-00-6	10	26	10	mg/L		300.0-W
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Copper	7440-50-8	20	0.0020	0.0008	mg/L		6020-W-DISS
Aspen Spring	L81026-05F	11/12/2007		11/27/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	210	10	mg/L		HARD
Aspen Spring	L81026-05E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Iron	7439-89-6	1	5.2	0.05	mg/L		ICP-W
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Iron	7439-89-6	1	1.5	0.05	mg/L		ICP-W-dis
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0001	mg/L		6020-W-DISS
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	13	1	mg/L		ICP-W-dis
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Manganese	7439-96-5	20	0.75	0.0012	mg/L		6020-W-DISS
Aspen Spring	L81026-05E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Manganese	7439-96-5	1	0.90	0.005	mg/L		ICP-W
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L81026-05B	11/12/2007		11/14/2007	Aqueous	Nitrate (as N)		1	0.36	0.01	mg/L		NO3-W
Aspen Spring	L81026-05B	11/12/2007		11/14/2007	Aqueous	Nitrite (as N)		1	0.012	0.01	mg/L		NO2-W
Aspen Spring	L81026-05D	11/12/2007		11/21/2007	Aqueous	Oil & Grease		1	5.1	3	mg/L		OGB-W
Aspen Spring	L81026-05B	11/12/2007		11/14/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	15	1	mg/L		ICP-W-dis
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Aspen Spring	L81026-05A	11/12/2007		11/14/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	27	1	mg/L		ICP-W-dis
Aspen Spring	L81026-05B	11/12/2007		11/27/2007	Aqueous	Sulfate	14808-79-8	1	1.7	1	mg/L		300.0-W
Aspen Spring	L81026-05A	11/12/2007		11/14/2007	Aqueous	TDS		1	340	20	mg/L		TDS-W
Aspen Spring	L81026-05A	11/12/2007		11/14/2007	Aqueous	TSS		1	27	3	mg/L		TSS-W-2540D
Aspen Spring	L81026-05F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Aspen Spring	L84608-06B	6/16/2008		6/20/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Aspen Spring	L84608-06B	6/16/2008		6/20/2008	Aqueous	Alkalinity,(As CaCO3)		1	75	20	mg/L		2320B-ALK-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L84608-06C	6/16/2008	6/20/2008	6/25/2008	Aqueous	Ammonia (as N)		1	0.052	0.05	mg/L		NH3-W
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Arsenic	7440-38-2	20	0.0010	0.0006	mg/L		6020-W-DISS
Aspen Spring	L84608-06B	6/16/2008		6/20/2008	Aqueous	Bicarbonate (As CaCO3)		1	71	20	mg/L		2320B-ALK-W
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Calcium	7440-70-2	1	20	1	mg/L		ICP-W-dis
Aspen Spring	L84608-06B	6/16/2008		6/20/2008	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Aspen Spring	L84608-06B	6/16/2008		6/26/2008	Aqueous	Chloride	16887-00-6	5	5.8	0.5	mg/L		300.0-W
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Copper	7440-50-8	20	0.0040	0.0008	mg/L		6020-W-DISS
Aspen Spring	L84608-06F	6/16/2008		6/18/2008	Aqueous Dissolved	Hardness (as CaCO3)	471-34-1	1	70	10	mg/L		HARD
Aspen Spring	L84608-06E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Iron	7439-89-6	1	1.2	0.05	mg/L		ICP-W
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Iron	7439-89-6	1	0.17	0.05	mg/L		ICP-W-dis
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Magnesium	7439-95-4	1	4.7	1	mg/L		ICP-W-dis
Aspen Spring	L84608-06E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Manganese	7439-96-5	1	0.10	0.005	mg/L		ICP-W
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Manganese	7439-96-5	20	0.0040	0.0012	mg/L		6020-W-DISS
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L84608-06B	6/16/2008		6/18/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Aspen Spring	L84608-06B	6/16/2008		6/18/2008	Aqueous	Nitrite (as N)		1	0.011	0.01	mg/L		NO2-W
Aspen Spring	L84608-06D	6/16/2008		6/18/2008	Aqueous	Oil & Grease		1	6.4	3	mg/L	*	OGB-W
Aspen Spring	L84608-06B	6/16/2008		6/18/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Potassium	7440-09-7	1	3.2	1	mg/L		ICP-W-dis
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Aspen Spring	L84608-06A	6/16/2008		6/18/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Sodium	7440-23-5	1	14	1	mg/L		ICP-W-dis
Aspen Spring	L84608-06B	6/16/2008		6/26/2008	Aqueous	Sulfate	14808-79-8	5	4.8	3.8	mg/L		300.0-W
Aspen Spring	L84608-06A	6/16/2008		6/19/2008	Aqueous	TDS		1	120	100	mg/L		TDS-W
Aspen Spring	L84608-06A	6/16/2008		6/18/2008	Aqueous	TSS		1	26	3	mg/L		TSS-W-2540D
Aspen Spring	L84608-06F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Zinc	7440-66-6	20	0.022	0.0054	mg/L		6020-W-DISS
Aspen Spring	L85972-01B	8/26/2008		8/29/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	180	20	mg/L		2320B-ALK-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L85972-01D	8/26/2008	8/28/2008	8/29/2008	Aqueous	Ammonia (as N)		1	0.057	0.05	mg/L		NH3-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.00092	0.0006	mg/L		6020-W-DISS
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	180	20	mg/L		2320B-ALK-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	57	10	mg/L	? ~	ICP-W-dis
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Chloride	16887-00-6	20	24	2	mg/L		300.0-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0022	0.0008	mg/L		6020-W-DISS
Aspen Spring	L85972-01E	8/26/2008		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	200	10	mg/L		HARD
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Aspen Spring	L85972-01F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Iron	7439-89-6	1	1.4	0.05	mg/L		ICP-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0.0011	0.0004	mg/L		6020-W-DISS
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	12	1	mg/L		ICP-W-dis
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.053	0.0012	mg/L		6020-W-DISS
Aspen Spring	L85972-01F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Manganese	7439-96-5	1	0.22	0.005	mg/L		ICP-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Nitrate/Nitrite (as N)		1	0	0.01	mg/L		NO2/NO3-W
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Aspen Spring	L85972-01C	8/26/2008		9/5/2008	Aqueous	Oil & Grease		1	3.2	3	mg/L		OGB-W
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Phosphorus, Orthophosphate (as	7723-14-0	1	0	0.1	mg/L		300.0-W
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	10	1	mg/L		ICP-W-dis
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Aspen Spring	L85972-01A	8/26/2008		8/28/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	10	22	10	mg/L	~	ICP-W-dis
Aspen Spring	L85972-01B	8/26/2008		8/28/2008	Aqueous	Sulfate	14808-79-8	1	8.7	0.75	mg/L		300.0-W
Aspen Spring	L85972-01A	8/26/2008		8/28/2008	Aqueous	TDS		1	280	20	mg/L		TDS-W
Aspen Spring	L85972-01A	8/26/2008		8/28/2008	Aqueous	TSS		1	27	3	mg/L		TSS-W-2540D
Aspen Spring	L85972-01E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Alkalinity,(As CaCO3)		1	280	20	mg/L		2320B-ALK-W
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L87283-05D	10/29/2008	11/6/2008	11/7/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.00094	0.0006	mg/L		6020-W-DISS
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Bicarbonate (As CaCO3)		1	280	20	mg/L		2320B-ALK-W
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	92	10	mg/L	~	ICP-W-dis
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Aspen Spring	L87283-05B	10/29/2008		11/11/2008	Aqueous	Chloride	16887-00-6	5	25	0.5	mg/L		300.0-W
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.00089	0.0008	mg/L		6020-W-DISS
Aspen Spring	L87283-05E	10/29/2008		11/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	290	10	mg/L		HARD
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0.057	0.05	mg/L		ICP-W-dis
Aspen Spring	L87283-05F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Iron	7439-89-6	1	2.5	0.05	mg/L		ICP-W
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	15	1	mg/L		ICP-W-dis
Aspen Spring	L87283-05F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Manganese	7439-96-5	1	0.65	0.005	mg/L		ICP-W
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.025	0.0012	mg/L		6020-W-DISS
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Aspen Spring	L87283-05C	10/29/2008		11/2/2008	Aqueous	Oil & Grease		1	4.0	3	mg/L		OGB-W
Aspen Spring	L87283-05B	10/29/2008		10/31/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.0	1	mg/L		ICP-W-dis
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Aspen Spring	L87283-05A	10/29/2008		10/30/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	8.6	1	mg/L		ICP-W-dis
Aspen Spring	L87283-05B	10/29/2008		11/11/2008	Aqueous	Sulfate	14808-79-8	5	8.7	3.8	mg/L		300.0-W
Aspen Spring	L87283-05A	10/29/2008		10/31/2008	Aqueous	TDS		1	370	20	mg/L		TDS-W
Aspen Spring	L87283-05A	10/29/2008		10/30/2008	Aqueous	TSS		1	26	3	mg/L		TSS-W-2540D
Aspen Spring	L87283-05E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.022	0.0054	mg/L		6020-W-DISS
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	Settleable Solids		1	0	0.10	mL/L		SS-W-2540F
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	Total Dissolved Solids		2	220	20	mg/L		TDS-W-2540C
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	Total Suspended Solids	TSS	1	13	3.0	mg/L		TSS-W-2540D
Aspen Spring	1006480-001	6/23/2010		6/29/2010	Aqueous	Chloride	16887-00-6	10	18	1.0	mg/L		300.0-W
Aspen Spring	1006480-001	6/23/2010		6/29/2010	Aqueous	Sulfate	14808-79-8	10	9.9	7.5	mg/L		300.0-W
Aspen Spring	1006480-001	6/23/2010		6/28/2010	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Aspen Spring	1006480-001	6/23/2010		6/28/2010	Aqueous	Alkalinity (as CaCO3)		2	150	20	mg/L		ALK-W-2320B
Aspen Spring	1006480-001	6/23/2010		6/28/2010	Aqueous	Bicarbonate (as CaCO3)		2	150	20	mg/L		ALK-W-2320B
Aspen Spring	1006480-001	6/23/2010		6/28/2010	Aqueous	Carbonate (as CaCO3)		2	0	10	mg/L		ALK-W-2320B
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0.021	0.010	mg/L		NO2-W-353.2
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	Nitrate (as N)	14797-55-8	1	0	0.010	mg/L		NO3-W-353.2
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	pH @ 25° C		1	7.71	1.00	pH Units	H	PH-4500H+B
Aspen Spring	1006480-001	6/23/2010		6/25/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0	0.050	mg/L	*	PO4-O-365.1
Aspen Spring	1006480-001	6/23/2010		6/30/2010	Aqueous	Oil & Grease		1	0	3.0	mg/L		OGB-W-1664A
Aspen Spring	1006480-001	6/23/2010	6/28/2010	6/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0.15	0.050	mg/L		NH3-W-350.1
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Aluminum	7429-90-5	1	0	0.10	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Boron	7440-42-8	1	0	0.50	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Calcium	7440-70-2	1	44	1.0	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	1.1	0.10	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Magnesium	7439-95-4	1	9.1	1.0	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.020	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Potassium	7440-09-7	1	12	1.0	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Sodium	7440-23-5	1	5.8	1.0	mg/L		6010C-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Arsenic	7440-38-2	20	0.0034	0.00060	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Copper	7440-50-8	20	0.00095	0.00080	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Lead	7439-92-1	20	0	0.00040	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Manganese	7439-96-5	20	0.0066	0.0012	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Selenium	7782-49-2	20	0.0013	0.00080	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Zinc	7440-66-6	20	0	0.0050	mg/L		6020-DIS
Aspen Spring	1006480-001	6/23/2010		6/28/2010	Aqueous	Hardness (as CaCO3)		1	150	10	mg/L		HARD-2340B
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	4.8	0.10	mg/L		6010C-W
Aspen Spring	1006480-001	6/23/2010	6/25/2010	6/25/2010	Aqueous	Manganese	7439-96-5	20	0.15	0.0012	mg/L		6020-W
CR-06-03	L72071-05B	5/25/2006		5/30/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
CR-06-03	L72071-05B	5/25/2006		5/30/2006	Aqueous	Alkalinity,(As CaCO3)		1	370	10	mg/L		2320B-ALK-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03	L72071-05C	5/25/2006	5/30/2006	5/31/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.027	0.005	mg/L		6020-W-DISS
CR-06-03	L72071-05B	5/25/2006		5/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	370	10	mg/L		2320B-ALK-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	110	10	mg/L		ICP-W-DIS
CR-06-03	L72071-05B	5/25/2006		5/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
CR-06-03	L72071-05B	5/25/2006		6/1/2006	Aqueous	Chloride	16887-00-6	1	19	10	mg/L		300.0-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0064	0.004	mg/L		6020-W-DISS
CR-06-03	L72071-05E	5/25/2006		6/9/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	280	10	mg/L		HARD
CR-06-03	L72071-05D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	0.51	0.05	mg/L		ICP-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	28	10	mg/L		ICP-W-DIS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.048	0.005	mg/L		6020-W-DISS
CR-06-03	L72071-05D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Manganese	7439-96-5	1	0.053	0.005	mg/L		ICP-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03	L72071-05B	5/25/2006		5/26/2006	Aqueous	Nitrate (as N)		1	0.029	0.01	mg/L		NO3-W
CR-06-03	L72071-05B	5/25/2006		5/26/2006	Aqueous	Nitrite (as N)		1	0.018	0.01	mg/L		NO2-W
CR-06-03	L72071-05B	5/25/2006		5/26/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.3	1	mg/L		ICP-W-DIS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	20	10	mg/L		ICP-W-DIS
CR-06-03	L72071-05B	5/25/2006		6/1/2006	Aqueous	Sulfate	14808-79-8	1	34	10	mg/L		300.0-W
CR-06-03	L72071-05A	5/25/2006		5/26/2006	Aqueous	TDS		1	430	10	mg/L		TDS-W
CR-06-03	L72071-05E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.36	0.01	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	380	20	mg/L		2320B-ALK-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0.12	0.1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01C	7/31/2006	8/2/2006	8/4/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.035	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	380	20	mg/L		2320B-ALK-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	120	10	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
CR-06-03 ABV	L73160-01B	7/31/2006		8/8/2006	Aqueous	Chloride	16887-00-6	1	63	10	mg/L		300.0-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01E	7/31/2006		8/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	430	10	mg/L		HARD
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Iron	7439-89-6	1	0.64	0.05	mg/L		ICP-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	29	1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.021	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Manganese	7439-96-5	1	0.022	0.005	mg/L		ICP-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Nitrate (as N)		1	0.069	0.01	mg/L		NO3-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
CR-06-03 ABV	L73160-01B	7/31/2006		8/2/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	1	PO4-O
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.0	1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73160-01B	7/31/2006		8/8/2006	Aqueous	Sulfate	14808-79-8	1	42	10	mg/L		300.0-W
CR-06-03 ABV	L73160-01A	7/31/2006		8/3/2006	Aqueous	TDS		1	370	20	mg/L		TDS-W
CR-06-03 ABV	L73160-01E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.28	0.01	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Alkalinity,(As CaCO3)		1	370	20	mg/L		2320B-ALK-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01C	8/21/2006	8/23/2006	8/24/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L	1	NH3-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Arsenic	7440-38-2	5	0.037	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Bicarbonate (As CaCO3)		1	370	20	mg/L		2320B-ALK-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	120	10	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
CR-06-03 ABV	L73504-01B	8/21/2006		8/24/2006	Aqueous	Chloride	16887-00-6	1	20	10	mg/L		300.0-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01E	8/21/2006		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	420	10	mg/L		HARD
CR-06-03 ABV	L73504-01D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Iron	7439-89-6	1	0.95	0.05	mg/L		ICP-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	30	10	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Manganese	7439-96-5	1	0.018	0.005	mg/L		ICP-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Manganese	7439-96-5	5	0.021	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L	1	NO3-W
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
CR-06-03 ABV	L73504-01B	8/21/2006		8/23/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.8	1	mg/L		ICP-W-DIS
CR-06-03 ABV	L73504-01B	8/21/2006		8/24/2006	Aqueous	Sulfate	14808-79-8	1	40	10	mg/L		300.0-W
CR-06-03 ABV	L73504-01E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Zinc	7440-66-6	5	0.23	0.01	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01B	2/28/2006		3/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
CR-06-03-ABV	L70402-01B	2/28/2006		3/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	400	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01C	2/28/2006	3/2/2006	3/2/2006	Aqueous	Ammonia (as N)		1	0	0.1	mg/L		NH3-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.036	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01B	2/28/2006		3/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	400	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	130	10	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01B	2/28/2006		3/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L70402-01B	2/28/2006		3/3/2006	Aqueous	Chloride	16887-00-6	10	36	10	mg/L		300.0-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.068	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01E	2/28/2006		3/7/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	460	10	mg/L		HARD
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01D	2/28/2006	3/1/2006	3/2/2006	Aqueous	Iron	7439-89-6	1	4.3	0.05	mg/L		ICP-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	30	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01D	2/28/2006	3/1/2006	3/2/2006	Aqueous	Manganese	7439-96-5	1	0.15	0.005	mg/L		ICP-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.095	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01B	2/28/2006		3/2/2006	Aqueous	Nitrate (as N)		1	0.086	0.01	mg/L		NO3-W
CR-06-03-ABV	L70402-01B	2/28/2006		3/2/2006	Aqueous	Nitrite (as N)		1	0.019	0.01	mg/L		NO2-W
CR-06-03-ABV	L70402-01B	2/28/2006		3/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.066	0.05	mg/L		PO4-O
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.4	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/7/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	25	10	mg/L		ICP-W-DIS
CR-06-03-ABV	L70402-01B	2/28/2006		3/3/2006	Aqueous	Sulfate	14808-79-8	10	50	10	mg/L		300.0-W
CR-06-03-ABV	L70402-01A	2/28/2006		3/3/2006	Aqueous	TDS		1	460	10	mg/L		TDS-W
CR-06-03-ABV	L70402-01E	2/28/2006	3/2/2006	3/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	2.8	0.01	mg/L		6020-W-DISS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	120	10	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05B	3/27/2006		3/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L70885-05B	3/27/2006		3/29/2006	Aqueous	Chloride	16887-00-6	10	17	10	mg/L		300.0-W
CR-06-03-ABV	L70885-05B	3/27/2006		3/30/2006	Aqueous	Conductivity		1	800	2	umhos/cm		COND-W
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0088	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L70885-05E	3/27/2006		4/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	420	10	mg/L		HARD
CR-06-03-ABV	L70885-05D	3/27/2006	4/6/2006	4/9/2006	Aqueous	Iron	7439-89-6	1	0.46	0.05	mg/L		ICP-W
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0.052	0.05	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	31	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.075	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70885-05D	3/27/2006	4/3/2006	4/4/2006	Aqueous	Manganese	7439-96-5	1	0.11	0.005	mg/L		ICP-W
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05B	3/27/2006		3/29/2006	Aqueous	Nitrate (as N)		1	0.076	0.01	mg/L		NO3-W
CR-06-03-ABV	L70885-05B	3/27/2006		3/29/2006	Aqueous	Nitrite (as N)		1	0.025	0.01	mg/L		NO2-W
CR-06-03-ABV	L70885-05B	3/27/2006		3/28/2006	Aqueous	pH @ 25° C		1	7.14	0	pH Units		PH-W
CR-06-03-ABV	L70885-05B	3/27/2006		3/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.5	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.4	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L70885-05B	3/27/2006		3/29/2006	Aqueous	Sulfate	14808-79-8	10	34	10	mg/L		300.0-W
CR-06-03-ABV	L70885-05A	3/27/2006		3/31/2006	Aqueous	TDS		1	350	10	mg/L		TDS-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
CR-06-03-ABV	L70885-05E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.43	0.01	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05B	4/26/2006		5/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
CR-06-03-ABV	L71507-05B	4/26/2006		5/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	410	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05C	4/26/2006	5/3/2006	5/3/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.026	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05B	4/26/2006		5/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	410	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	130	10	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05B	4/26/2006		5/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
CR-06-03-ABV	L71507-05B	4/26/2006		5/13/2006	Aqueous	Chloride	16887-00-6	1	17	10	mg/L		300.0-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.011	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05E	4/26/2006		5/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	450	10	mg/L		HARD
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Iron	7439-89-6	1	0.99	0.05	mg/L		ICP-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	31	10	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.058	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Manganese	7439-96-5	1	0.063	0.005	mg/L		ICP-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05C	4/26/2006		5/4/2006	Aqueous	Nitrate/Nitrite (as N)		1	0.024	0.01	mg/L		NO2/NO3-W
CR-06-03-ABV	L71507-05B	4/26/2006		4/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.04	0.05	mg/L		PO4-O
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.4	1	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	10	21	10	mg/L		ICP-W-dis
CR-06-03-ABV	L71507-05B	4/26/2006		5/13/2006	Aqueous	Sulfate	14808-79-8	1	31	10	mg/L		300.0-W
CR-06-03-ABV	L71507-05A	4/26/2006		4/28/2006	Aqueous	TDS		1	410	10	mg/L		TDS-W
CR-06-03-ABV	L71507-05E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.40	0.01	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06B	6/29/2006		7/3/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
CR-06-03-ABV	L72660-06B	6/29/2006		7/3/2006	Aqueous	Alkalinity,(As CaCO3)		1	380	20	mg/L		2320B-ALK-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06C	6/29/2006	7/5/2006	7/7/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.033	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06B	6/29/2006		7/3/2006	Aqueous	Bicarbonate (As CaCO3)		1	380	20	mg/L		2320B-ALK-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	110	10	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06B	6/29/2006		7/3/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
CR-06-03-ABV	L72660-06B	6/29/2006		7/5/2006	Aqueous	Chloride	16887-00-6	1	17	10	mg/L		300.0-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06E	6/29/2006		7/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	430	10	mg/L		HARD
CR-06-03-ABV	L72660-06D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Iron	7439-89-6	1	0.31	0.05	mg/L		ICP-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	29	10	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Manganese	7439-96-5	1	0.025	0.005	mg/L		ICP-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.031	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06B	6/29/2006		6/30/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
CR-06-03-ABV	L72660-06B	6/29/2006		6/30/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
CR-06-03-ABV	L72660-06B	6/29/2006		6/30/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.7	1	mg/L		ICP-W-DIS
CR-06-03-ABV	L72660-06B	6/29/2006		7/5/2006	Aqueous	Sulfate	14808-79-8	1	39	10	mg/L		300.0-W
CR-06-03-ABV	L72660-06A	6/29/2006		6/30/2006	Aqueous	TDS		1	370	20	mg/L		TDS-W
CR-06-03-ABV	L72660-06E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.38	0.01	mg/L		6020-W-DISS
CR-06-03-ABV	L73504-01A	8/21/2006		8/25/2006	Aqueous	TDS		1	400	20	mg/L		TDS-W
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Chloride	16887-00-6	10	14.2	1.00	mg/L		300.0-W
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Sulfate	14808-79-8	10	27.4	7.50	mg/L		300.0-W
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Acidity		1	50.0	15.0	mg/L		ACIDITY-W-2310B
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Alkalinity (as CaCO3)		2	212	20.0	mg/L		ALK-W-2320B
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Bicarbonate (as CaCO3)		2	212	20.0	mg/L		ALK-W-2320B
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Carbonate (as CaCO3)		2	0	10.0	mg/L		ALK-W-2320B
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0	0.0100	mg/L		NO2-W-353.2
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Nitrate (as N)	14797-55-8	10	2.54	0.100	mg/L		NO3-W-353.2
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0.0584	0.0500	mg/L	1	PO4-O-365.1
CR-10-11	1007245-001	7/15/2010	7/28/2010	7/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0	0.0500	mg/L		NH3-W-350.1
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Aluminum	7429-90-5	1	0	0.100	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Boron	7440-42-8	1	0	0.500	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Calcium	7440-70-2	10	77.9	10.0	mg/L	2	6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Iron	7439-89-6	1	0	0.100	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Magnesium	7439-95-4	1	11.9	1.00	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.0200	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Potassium	7440-09-7	1	0	1.00	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Sodium	7440-23-5	1	11.4	1.00	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Arsenic	7440-38-2	20	0	0.000600	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Cadmium	7440-43-9	20	0	0.000180	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Copper	7440-50-8	20	0	0.000800	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Lead	7439-92-1	20	0	0.000400	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Manganese	7439-96-5	20	0.00213	0.00120	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Selenium	7782-49-2	20	0.00206	0.000800	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Zinc	7440-66-6	20	0.0113	0.00500	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010		7/20/2010	Aqueous	Hardness (as CaCO3)		10	243	100	mg/L		HARD-2340B
CR-10-11	1007245-001	7/15/2010	7/19/2010	7/21/2010	Aqueous	Iron	7439-89-6	1	0.648	0.100	mg/L		6010C-W
CR-10-11	1007245-001	7/15/2010	7/19/2010	7/20/2010	Aqueous	Manganese	7439-96-5	20	0.00801	0.00120	mg/L		6020-W
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Total Dissolved Solids		2	288	20.0	mg/L		TDS-W-2540C
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Chloride	16887-00-6	10	14.2	1.00	mg/L		300.0-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Sulfate	14808-79-8	10	27.4	7.50	mg/L		300.0-W
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Acidity		1	50.0	15.0	mg/L		ACIDITY-W-2310B
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Alkalinity (as CaCO3)		2	212	20.0	mg/L		ALK-W-2320B
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Bicarbonate (as CaCO3)		2	212	20.0	mg/L		ALK-W-2320B
CR-10-11	1007245-001	7/15/2010		7/19/2010	Aqueous	Carbonate (as CaCO3)		2	0	10.0	mg/L		ALK-W-2320B
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0	0.0100	mg/L		NO2-W-353.2
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Nitrate (as N)	14797-55-8	10	2.54	0.100	mg/L		NO3-W-353.2
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0.0584	0.0500	mg/L	1	PO4-O-365.1
CR-10-11	1007245-001	7/15/2010	7/28/2010	7/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0	0.0500	mg/L		NH3-W-350.1
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Aluminum	7429-90-5	1	0	0.100	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Boron	7440-42-8	1	0	0.500	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Calcium	7440-70-2	10	77.9	10.0	mg/L	2	6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Iron	7439-89-6	1	0	0.100	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Magnesium	7439-95-4	1	11.9	1.00	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.0200	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Potassium	7440-09-7	1	0	1.00	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/20/2010	Aqueous	Sodium	7440-23-5	1	11.4	1.00	mg/L		6010C-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Arsenic	7440-38-2	20	0	0.000600	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Cadmium	7440-43-9	20	0	0.000180	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Copper	7440-50-8	20	0	0.000800	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Lead	7439-92-1	20	0	0.000400	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Manganese	7439-96-5	20	0.00213	0.00120	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Selenium	7782-49-2	20	0.00206	0.000800	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010	7/16/2010	7/19/2010	Aqueous	Zinc	7440-66-6	20	0.0113	0.00500	mg/L		6020-DIS
CR-10-11	1007245-001	7/15/2010		7/20/2010	Aqueous	Hardness (as CaCO3)		10	243	100	mg/L		HARD-2340B
CR-10-11	1007245-001	7/15/2010	7/19/2010	7/21/2010	Aqueous	Iron	7439-89-6	1	0.648	0.100	mg/L		6010C-W
CR-10-11	1007245-001	7/15/2010	7/19/2010	7/20/2010	Aqueous	Manganese	7439-96-5	20	0.00801	0.00120	mg/L		6020-W
CR-10-11	1007245-001	7/15/2010		7/16/2010	Aqueous	Total Dissolved Solids		2	288	20.0	mg/L		TDS-W-2540C
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Settleable Solids		1	6.50	0.100	mL/L		SS-W-2540F
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Total Dissolved Solids		1	470	50.0	mg/L		TDS-W-2540C
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Total Suspended Solids	TSS	1	2,690	30.0	mg/L		TSS-W-2540D
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Chloride	16887-00-6	5	14.7	0.500	mg/L		300.0-W
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Sulfate	14808-79-8	5	28.3	3.75	mg/L		300.0-W
CR-10-11	1009035-001	8/31/2010		9/3/2010	Aqueous	Acidity		1	46.0	15.0	mg/L		ACIDITY-W-2310B
CR-10-11	1009035-001	8/31/2010		9/3/2010	Aqueous	Alkalinity (as CaCO3)		2	214	20.0	mg/L		ALK-W-2320B
CR-10-11	1009035-001	8/31/2010		9/3/2010	Aqueous	Bicarbonate (as CaCO3)		2	214	20.0	mg/L		ALK-W-2320B
CR-10-11	1009035-001	8/31/2010		9/3/2010	Aqueous	Carbonate (as CaCO3)		2	0	10.0	mg/L		ALK-W-2320B
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0.0828	0.0100	mg/L		NO2-W-353.2
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Nitrate (as N)	14797-55-8	10	2.54	0.100	mg/L	1	NO3-W-353.2
CR-10-11	1009035-001	8/31/2010		9/2/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0.225	0.0500	mg/L		PO4-O-365.1
CR-10-11	1009035-001	8/31/2010		9/7/2010	Aqueous	Oil & Grease		1	0	3.00	mg/L		OGB-W-1664A
CR-10-11	1009035-001	8/31/2010	9/10/2010	9/14/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0	0.0500	mg/L		NH3-W-350.1
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Aluminum	7429-90-5	1	0	0.100	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Boron	7440-42-8	1	0	0.500	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Calcium	7440-70-2	10	82.3	10.0	mg/L	2	6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Iron	7439-89-6	1	0	0.100	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Magnesium	7439-95-4	1	12.4	1.00	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.0200	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Potassium	7440-09-7	1	1.27	1.00	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/14/2010	Aqueous	Sodium	7440-23-5	1	11.5	1.00	mg/L		6010C-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Arsenic	7440-38-2	20	0	0.000600	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Cadmium	7440-43-9	20	0	0.000180	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Copper	7440-50-8	20	0.00140	0.000800	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Lead	7439-92-1	20	0	0.000400	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Manganese	7439-96-5	20	0.0182	0.00120	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Selenium	7782-49-2	20	0.00130	0.000800	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010	9/3/2010	9/6/2010	Aqueous	Zinc	7440-66-6	20	0.00958	0.00500	mg/L		6020-DIS
CR-10-11	1009035-001	8/31/2010		9/14/2010	Aqueous	Hardness (as CaCO3)		1	257	10.0	mg/L		HARD-2340B
CR-10-11	1009035-001	8/31/2010	9/5/2010	9/8/2010	Aqueous	Iron	7439-89-6	1	22.7	0.100	mg/L		6010C-W
CR-10-11	1009035-001	8/31/2010	9/5/2010	9/6/2010	Aqueous	Manganese	7439-96-5	20	0.437	0.00120	mg/L		6020-W
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Chloride	16887-00-6	10	21.8	1.00	mg/L		300.0-W
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Sulfate	14808-79-8	10	73.9	7.50	mg/L		300.0-W
CR-10-12	1007213-001	7/13/2010		7/19/2010	Aqueous	Acidity		1	0	15.0	mg/L		ACIDITY-W-2310B
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Alkalinity (as CaCO3)		2	175	20.0	mg/L		ALK-W-2320B
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Bicarbonate (as CaCO3)		2	175	20.0	mg/L		ALK-W-2320B
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Carbonate (as CaCO3)		2	0	10.0	mg/L		ALK-W-2320B
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0.180	0.0100	mg/L		NO2-W-353.2
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Nitrate (as N)	14797-55-8	10	6.70	0.100	mg/L	1	NO3-W-353.2
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0.379	0.0500	mg/L		PO4-O-365.1
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/19/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0	0.0500	mg/L		NH3-W-350.1
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Aluminum	7429-90-5	1	0	0.100	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Boron	7440-42-8	1	0	0.500	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Calcium	7440-70-2	10	99.9	10.0	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Iron	7439-89-6	1	0	0.100	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Magnesium	7439-95-4	1	8.96	1.00	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.0200	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Potassium	7440-09-7	1	1.20	1.00	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Sodium	7440-23-5	1	16.1	1.00	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Arsenic	7440-38-2	20	0	0.000600	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Cadmium	7440-43-9	20	0	0.000180	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Copper	7440-50-8	20	0	0.000800	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Lead	7439-92-1	20	0	0.000400	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Manganese	7439-96-5	20	0	0.00120	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Selenium	7782-49-2	20	0.00120	0.000800	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Zinc	7440-66-6	20	0	0.00500	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Hardness (as CaCO3)		10	286	100	mg/L		HARD-2340B
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Iron	7439-89-6	1	44.8	0.100	mg/L	2	6010C-W
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Manganese	7439-96-5	100	0.559	0.00600	mg/L		6020-W
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Total Dissolved Solids		10	620	100	mg/L		TDS-W-2540C

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Chloride	16887-00-6	10	21.8	1.00	mg/L		300.0-W
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Sulfate	14808-79-8	10	73.9	7.50	mg/L		300.0-W
CR-10-12	1007213-001	7/13/2010		7/19/2010	Aqueous	Acidity		1	0	15.0	mg/L		ACIDITY-W-2310B
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Alkalinity (as CaCO3)		2	175	20.0	mg/L		ALK-W-2320B
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Bicarbonate (as CaCO3)		2	175	20.0	mg/L		ALK-W-2320B
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Carbonate (as CaCO3)		2	0	10.0	mg/L		ALK-W-2320B
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0.180	0.0100	mg/L		NO2-W-353.2
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Nitrate (as N)	14797-55-8	10	6.70	0.100	mg/L	1	NO3-W-353.2
CR-10-12	1007213-001	7/13/2010		7/15/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0.379	0.0500	mg/L		PO4-O-365.1
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/19/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0	0.0500	mg/L		NH3-W-350.1
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Aluminum	7429-90-5	1	0	0.100	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Boron	7440-42-8	1	0	0.500	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Calcium	7440-70-2	10	99.9	10.0	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Iron	7439-89-6	1	0	0.100	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Magnesium	7439-95-4	1	8.96	1.00	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.0200	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Potassium	7440-09-7	1	1.20	1.00	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/16/2010	Aqueous	Sodium	7440-23-5	1	16.1	1.00	mg/L		6010C-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Arsenic	7440-38-2	20	0	0.000600	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Cadmium	7440-43-9	20	0	0.000180	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Copper	7440-50-8	20	0	0.000800	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Lead	7439-92-1	20	0	0.000400	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Manganese	7439-96-5	20	0	0.00120	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Selenium	7782-49-2	20	0.00120	0.000800	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Zinc	7440-66-6	20	0	0.00500	mg/L		6020-DIS
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Hardness (as CaCO3)		10	286	100	mg/L		HARD-2340B
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Iron	7439-89-6	1	44.8	0.100	mg/L	2	6010C-W
CR-10-12	1007213-001	7/13/2010	7/15/2010	7/15/2010	Aqueous	Manganese	7439-96-5	100	0.559	0.00600	mg/L		6020-W
CR-10-12	1007213-001	7/13/2010		7/16/2010	Aqueous	Total Dissolved Solids		10	620	100	mg/L		TDS-W-2540C
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Settleable Solids		1	0	0.100	mL/L		SS-W-2540F
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Total Dissolved Solids		1	308	20.0	mg/L	@	TDS-W-2540C
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Total Suspended Solids	TSS	1	95.0	3.00	mg/L		TSS-W-2540D
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Chloride	16887-00-6	5	18.8	0.500	mg/L		300.0-W
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Sulfate	14808-79-8	5	37.1	3.75	mg/L		300.0-W
CR-10-12	1009035-002	8/31/2010		9/3/2010	Aqueous	Acidity		1	0	15.0	mg/L		ACIDITY-W-2310B
CR-10-12	1009035-002	8/31/2010		9/3/2010	Aqueous	Alkalinity (as CaCO3)		2	175	20.0	mg/L		ALK-W-2320B
CR-10-12	1009035-002	8/31/2010		9/3/2010	Aqueous	Bicarbonate (as CaCO3)		2	175	20.0	mg/L		ALK-W-2320B
CR-10-12	1009035-002	8/31/2010		9/3/2010	Aqueous	Carbonate (as CaCO3)		2	0	10.0	mg/L		ALK-W-2320B
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0.0426	0.0100	mg/L		NO2-W-353.2
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Nitrate (as N)	14797-55-8	10	5.17	0.100	mg/L		NO3-W-353.2
CR-10-12	1009035-002	8/31/2010		9/2/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0.0907	0.0500	mg/L		PO4-O-365.1
CR-10-12	1009035-002	8/31/2010		9/7/2010	Aqueous	Oil & Grease		1	0	3.00	mg/L		OGB-W-1664A
CR-10-12	1009035-002	8/31/2010	9/10/2010	9/14/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0	0.0500	mg/L		NH3-W-350.1
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Aluminum	7429-90-5	1	0	0.100	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Boron	7440-42-8	1	0	0.500	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Calcium	7440-70-2	10	66.2	10.0	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Iron	7439-89-6	1	0	0.100	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Magnesium	7439-95-4	1	6.10	1.00	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.0200	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Potassium	7440-09-7	1	1.04	1.00	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/14/2010	Aqueous	Sodium	7440-23-5	1	25.7	1.00	mg/L		6010C-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Arsenic	7440-38-2	20	0	0.000600	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Cadmium	7440-43-9	20	0	0.000180	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Copper	7440-50-8	20	0	0.000800	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Lead	7439-92-1	20	0	0.000400	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Manganese	7439-96-5	20	0.00212	0.00120	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Selenium	7782-49-2	20	0.000870	0.000800	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010	9/3/2010	9/6/2010	Aqueous	Zinc	7440-66-6	20	0	0.00500	mg/L		6020-DIS
CR-10-12	1009035-002	8/31/2010		9/14/2010	Aqueous	Hardness (as CaCO3)		1	191	10.0	mg/L		HARD-2340B
CR-10-12	1009035-002	8/31/2010	9/5/2010	9/8/2010	Aqueous	Iron	7439-89-6	1	3.01	0.100	mg/L		6010C-W
CR-10-12	1009035-002	8/31/2010	9/5/2010	9/6/2010	Aqueous	Manganese	7439-96-5	20	0.0287	0.00120	mg/L		6020-W
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Alkalinity (As CaCO3)		1	46	10	mg/L		2320B-ALK-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0.94	0.1	mg/L		ICP-W-dis
Eagle Spring	L65736-02F	5/9/2005	5/11/2005	5/12/2005	Aqueous	Ammonia (as N)		1	0.082	0.05	mg/L		NH3-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.002	0.005	mg/L		6020-W-DISS
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Bicarbonate (As CaCO3)		1	46	10	mg/L		2320B-ALK-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0.08	0.5	mg/L		ICP-W-dis
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	15	1	mg/L		ICP-W-dis
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Eagle Spring	L65736-02B	5/9/2005		5/18/2005	Aqueous	Chloride	16887-00-6	1	5.0	1	mg/L		300.0-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0.0057	0.004	mg/L		6020-W-DISS
Eagle Spring	L65736-02D	5/9/2005		5/20/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	55	10	mg/L		HARD
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0.75	0.05	mg/L		ICP-W-dis
Eagle Spring	L65736-02C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Iron	7439-89-6	1	1.1	0.05	mg/L		ICP-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	3.5	1	mg/L		ICP-W-dis
Eagle Spring	L65736-02C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Manganese	7439-96-5	1	0.018	0.005	mg/L		6020-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.017	0.005	mg/L		6020-W-DISS
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Nitrite (as N)		1	0.010	0.01	mg/L		NO2-W
Eagle Spring	L65736-02E	5/9/2005		5/11/2005	Aqueous	Oil & Grease		1	3.3	3	mg/L		OGB-W
Eagle Spring	L65736-02B	5/9/2005		5/11/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.13	0.05	mg/L		PO4-O
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	4.5	1	mg/L		ICP-W-dis
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0.002	0.005	mg/L		6020-W-DISS
Eagle Spring	L65736-02A	5/9/2005		5/10/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	4.4	1	mg/L		ICP-W-dis

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Eagle Spring	L65736-02B	5/9/2005		5/18/2005	Aqueous	Sulfate	14808-79-8	1	6.2	1	mg/L		300.0-W
Eagle Spring	L65736-02A	5/9/2005		5/10/2005	Aqueous	TDS		1	120	10	mg/L		TDS-W
Eagle Spring	L65736-02A	5/9/2005		5/10/2005	Aqueous	TSS		1	8.0	3	mg/L		TSS-W
Eagle Spring	L65736-02D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.016	0.01	mg/L		6020-W-DISS
Eagle Spring	L71507-06B	4/26/2006		5/2/2006	Aqueous	Acidity		1	24	15	mg/L		ACIDITY-W
Eagle Spring	L71507-06B	4/26/2006		5/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	64	10	mg/L		2320B-ALK-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	1.5	0.1	mg/L		ICP-W-dis
Eagle Spring	L71507-06C	4/26/2006	5/3/2006	5/3/2006	Aqueous	Ammonia (as N)		1	0.081	0.05	mg/L		NH3-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.0056	0.005	mg/L		6020-W-DISS
Eagle Spring	L71507-06B	4/26/2006		5/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	64	10	mg/L		2320B-ALK-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	15	1	mg/L		ICP-W-dis
Eagle Spring	L71507-06B	4/26/2006		5/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Eagle Spring	L71507-06B	4/26/2006		5/13/2006	Aqueous	Chloride	16887-00-6	1	3.8	1	mg/L		300.0-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0058	0.004	mg/L		6020-W-DISS
Eagle Spring	L71507-06E	4/26/2006		5/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	51	10	mg/L		HARD
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Iron	7439-89-6	1	1.1	0.05	mg/L		ICP-W-dis
Eagle Spring	L71507-06D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Iron	7439-89-6	1	2.7	0.05	mg/L	'	ICP-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	3.3	1	mg/L		ICP-W-dis
Eagle Spring	L71507-06D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Manganese	7439-96-5	1	0.016	0.005	mg/L		ICP-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.0060	0.005	mg/L		6020-W-DISS
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Eagle Spring	L71507-06C	4/26/2006		5/4/2006	Aqueous	Nitrate/Nitrite (as N)		1	0.31	0.01	mg/L		NO2/NO3-W
Eagle Spring	L71507-06F	4/26/2006		5/5/2006	Aqueous	Oil & Grease		1	3.3	3	mg/L		OGB-W
Eagle Spring	L71507-06B	4/26/2006		4/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.11	0.05	mg/L	H	PO4-O
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.3	1	mg/L		ICP-W-dis
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L71507-06A	4/26/2006		4/28/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	25	1	mg/L		ICP-W-dis
Eagle Spring	L71507-06B	4/26/2006		5/13/2006	Aqueous	Sulfate	14808-79-8	1	4.8	1	mg/L		300.0-W
Eagle Spring	L71507-06A	4/26/2006		4/28/2006	Aqueous	TDS		1	150	10	mg/L		TDS-W
Eagle Spring	L71507-06A	4/26/2006		4/28/2006	Aqueous	TSS		1	36	3	mg/L	~	TSS-W
Eagle Spring	L71507-06E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.026	0.01	mg/L		6020-W-DISS
Eagle Spring	L72071-06B	5/25/2006		5/30/2006	Aqueous	Acidity		1	18	15	mg/L		ACIDITY-W
Eagle Spring	L72071-06B	5/25/2006		5/30/2006	Aqueous	Alkalinity,(As CaCO3)		1	34	10	mg/L		2320B-ALK-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	1.2	0.1	mg/L		ICP-W-DIS
Eagle Spring	L72071-06C	5/25/2006	5/30/2006	5/31/2006	Aqueous	Ammonia (as N)		1	0.091	0.05	mg/L		NH3-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L72071-06B	5/25/2006		5/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	34	10	mg/L		2320B-ALK-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	11	10	mg/L		ICP-W-DIS
Eagle Spring	L72071-06B	5/25/2006		5/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Eagle Spring	L72071-06B	5/25/2006		6/1/2006	Aqueous	Chloride	16887-00-6	1	5.0	1	mg/L		300.0-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0063	0.004	mg/L		6020-W-DISS
Eagle Spring	L72071-06E	5/25/2006		6/9/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	28	10	mg/L		HARD
Eagle Spring	L72071-06D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	2.2	0.05	mg/L	'	ICP-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0.94	0.05	mg/L		ICP-W-DIS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	2.7	1	mg/L		ICP-W-DIS
Eagle Spring	L72071-06D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Manganese	7439-96-5	1	0.0093	0.005	mg/L		ICP-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Eagle Spring	L72071-06B	5/25/2006		5/26/2006	Aqueous	Nitrate (as N)		1	0.099	0.01	mg/L		NO3-W
Eagle Spring	L72071-06B	5/25/2006		5/26/2006	Aqueous	Nitrite (as N)		1	0.025	0.01	mg/L		NO2-W
Eagle Spring	L72071-06F	5/25/2006		5/30/2006	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Eagle Spring	L72071-06B	5/25/2006		5/26/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.060	0.05	mg/L		PO4-O
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.1	1	mg/L		ICP-W-DIS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Eagle Spring	L72071-06A	5/25/2006		5/26/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	11	10	mg/L		ICP-W-DIS
Eagle Spring	L72071-06B	5/25/2006		6/1/2006	Aqueous	Sulfate	14808-79-8	1	6.0	1	mg/L		300.0-W
Eagle Spring	L72071-06A	5/25/2006		5/26/2006	Aqueous	TDS		1	140	10	mg/L		TDS-W
Eagle Spring	L72071-06A	5/25/2006		5/26/2006	Aqueous	TSS		1	33	3	mg/L		TSS-W
Eagle Spring	L72071-06E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.027	0.01	mg/L		6020-W-DISS
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Acidity		1	86	15	mg/L		ACIDITY-W
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Alkalinity,(As CaCO3)		1	260	10	mg/L		2320B-ALK-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L65736-01F	5/9/2005	5/11/2005	5/12/2005	Aqueous	Ammonia (as N)		1	0.055	0.05	mg/L		NH3-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.001	0.005	mg/L		6020-W-DISS
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Bicarbonate (As CaCO3)		1	260	10	mg/L		2320B-ALK-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0.03	0.5	mg/L		ICP-W-dis
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	92	10	mg/L	'	ICP-W-dis
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L65736-01B	5/9/2005		5/18/2005	Aqueous	Chloride	16887-00-6	1	13	10	mg/L		300.0-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0.002	0.004	mg/L		6020-W-DISS
Miller Outlet	L65736-01D	5/9/2005		5/20/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L65736-01C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Iron	7439-89-6	1	2.3	0.05	mg/L	'	ICP-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-dis
Miller Outlet	L65736-01C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Manganese	7439-96-5	1	0.16	0.005	mg/L		6020-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.075	0.005	mg/L		6020-W-DISS
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Nitrate (as N)		1	0.023	0.01	mg/L		NO3-W
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L65736-01E	5/9/2005		5/11/2005	Aqueous	Oil & Grease		1	3.5	3	mg/L		OGB-W
Miller Outlet	L65736-01B	5/9/2005		5/11/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	2.6	1	mg/L		ICP-W-dis
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0.002	0.005	mg/L		6020-W-DISS
Miller Outlet	L65736-01A	5/9/2005		5/10/2005	Aqueous	Settable Solids		1	0.20	0.1	ml/L		SS
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	11	1	mg/L	'	ICP-W-dis
Miller Outlet	L65736-01B	5/9/2005		5/18/2005	Aqueous	Sulfate	14808-79-8	1	42	10	mg/L		300.0-W
Miller Outlet	L65736-01A	5/9/2005		5/10/2005	Aqueous	TDS		1	330	10	mg/L		TDS-W
Miller Outlet	L65736-01A	5/9/2005		5/10/2005	Aqueous	TSS		1	150	3	mg/L		TSS-W
Miller Outlet	L65736-01D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Miller Outlet	L67580-01B	9/6/2005		9/9/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L67580-01B	9/6/2005		9/8/2005	Aqueous	Alkalinity,(As CaCO3)		1	220	10	mg/L		2320B-ALK-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0.24	0.1	mg/L		ICP-W-DIS
Miller Outlet	L67580-01F	9/6/2005	9/7/2005	9/8/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L67580-01B	9/6/2005		9/8/2005	Aqueous	Bicarbonate (As CaCO3)		1	220	10	mg/L		2320B-ALK-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	71	10	mg/L	'	ICP-W-DIS
Miller Outlet	L67580-01B	9/6/2005		9/8/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L67580-01B	9/6/2005		9/13/2005	Aqueous	Chloride	16887-00-6	10	11	10	mg/L		300.0-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	250	10	mg/L		HARD
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Iron	7439-89-6	1	1.3	0.05	mg/L		ICP-W-DIS
Miller Outlet	L67580-01C	9/6/2005	9/8/2005	9/13/2005	Aqueous	Iron	7439-89-6	1	2.2	0.05	mg/L		ICP-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	10	mg/L		ICP-W-DIS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.15	0.005	mg/L		6020-W-DISS
Miller Outlet	L67580-01C	9/6/2005	9/8/2005	9/15/2005	Aqueous	Manganese	7439-96-5	1	0.16	0.005	mg/L		6020-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L67580-01B	9/6/2005		8/7/2005	Aqueous	Nitrate (as N)		1	0.018	0.01	mg/L		NO3-W
Miller Outlet	L67580-01B	9/6/2005		9/7/2005	Aqueous	Nitrite (as N)		1	0.024	0.01	mg/L		NO2-W
Miller Outlet	L67580-01E	9/6/2005		9/7/2005	Aqueous	Oil & Grease		1	4.0	3	mg/L		OGB-W
Miller Outlet	L67580-01B	9/6/2005		9/8/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.06	mg/L	'@	PO4-O
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	2.6	1	mg/L		ICP-W-DIS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L67580-01A	9/6/2005		9/7/2005	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	6.9	1	mg/L		ICP-W-DIS
Miller Outlet	L67580-01B	9/6/2005		9/13/2005	Aqueous	Sulfate	14808-79-8	10	22	10	mg/L		300.0-W
Miller Outlet	L67580-01A	9/6/2005		9/7/2005	Aqueous	TSS		1	100	3	mg/L		TSS-W
Miller Outlet	L67580-01D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.019	0.01	mg/L		6020-W-DISS
Miller Outlet	L68520-01B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0.057	0.05	mg/L		NH3-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	79	5	mg/L		ICP-W-DIS
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L68520-01B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	9.9	5	mg/L		CL-W-LAT
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	270	10	mg/L		HARD
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L68520-01C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	2.2	0.05	mg/L		ICP-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0.13	0.005	mg/L		6020-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.042	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.092	0.01	mg/L		NO3-W
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L68520-01E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	3.3	3	mg/L		OGB-W
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.055	0.05	mg/L		PO4-O
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	2.7	1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	6.9	5	mg/L		ICP-W-DIS
Miller Outlet	L68520-01B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	29	5	mg/L		SO4-W
Miller Outlet	L68520-01A	10/31/2005		11/1/2005	Aqueous	TDS		1	300	10	mg/L		TDS-W
Miller Outlet	L68520-01A	10/31/2005		11/1/2005	Aqueous	TSS		1	88	3	mg/L		TSS-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.011	0.01	mg/L		6020-W-DISS
Miller Outlet	L68520-01B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0.057	0.05	mg/L		NH3-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	79	5	mg/L		ICP-W-DIS
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L68520-01B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	9.9	5	mg/L		CL-W-LAT
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	270	10	mg/L		HARD
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L68520-01C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	2.2	0.05	mg/L		ICP-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0.13	0.005	mg/L		6020-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.042	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.092	0.01	mg/L		NO3-W
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L68520-01E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	3.3	3	mg/L		OGB-W
Miller Outlet	L68520-01B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.055	0.05	mg/L		PO4-O
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	2.7	1	mg/L		ICP-W-DIS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68520-01A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	6.9	5	mg/L		ICP-W-DIS
Miller Outlet	L68520-01B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	29	5	mg/L		SO4-W
Miller Outlet	L68520-01A	10/31/2005		11/1/2005	Aqueous	TDS		1	300	10	mg/L		TDS-W
Miller Outlet	L68520-01A	10/31/2005		11/1/2005	Aqueous	TSS		1	88	3	mg/L		TSS-W
Miller Outlet	L68520-01D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.011	0.01	mg/L		6020-W-DISS
Miller Outlet	L68977-01C	11/28/2005		12/1/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L68977-01C	11/28/2005		11/29/2005	Aqueous	Alkalinity,(As CaCO3)		1	290	10	mg/L		2320B-ALK-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L68977-01F	11/28/2005	12/6/2005	12/7/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68977-01C	11/28/2005		11/29/2005	Aqueous	Bicarbonate (As CaCO3)		1	290	10	mg/L		2320B-ALK-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	100	5	mg/L		ICP-W-DIS
Miller Outlet	L68977-01C	11/28/2005		11/29/2005	Aqueous	Carbonate (As CaCO3)		1	7	10	mg/L		2320B-ALK-W
Miller Outlet	L68977-01C	11/28/2005		12/3/2005	Aqueous	Chloride	16887-00-6	10	12	10	mg/L		300.0-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L68977-01E	11/28/2005	11/30/2005	12/6/2005	Aqueous	Iron	7439-89-6	1	1.2	0.05	mg/L		ICP-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	20	1	mg/L		ICP-W-DIS
Miller Outlet	L68977-01E	11/28/2005	11/30/2005	12/2/2005	Aqueous	Manganese	7439-96-5	1	0.12	0.005	mg/L		6020-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.070	0.005	mg/L		6020-W-DISS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L68977-01C	11/28/2005		11/29/2005	Aqueous	Nitrate (as N)		1	0.36	0.01	mg/L		NO3-W
Miller Outlet	L68977-01C	11/28/2005		11/29/2005	Aqueous	Nitrite (as N)		1	0.010	0.01	mg/L		NO2-W
Miller Outlet	L68977-01G	11/28/2005		11/30/2005	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Miller Outlet	L68977-01C	11/28/2005		11/29/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.8	1	mg/L		ICP-W-DIS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L68977-01A	11/28/2005		11/29/2005	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	7.3	5	mg/L		ICP-W-DIS
Miller Outlet	L68977-01C	11/28/2005		12/3/2005	Aqueous	Sulfate	14808-79-8	10	30	10	mg/L		300.0-W
Miller Outlet	L68977-01B	11/28/2005		12/2/2005	Aqueous	TDS		1	300	10	mg/L		TDS-W
Miller Outlet	L68977-01A	11/28/2005		11/29/2005	Aqueous	TSS		1	44	3	mg/L		TSS-W
Miller Outlet	L68977-01D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.015	0.01	mg/L		6020-W-DISS
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Alkalinity,(As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L69428-03E	12/22/2005	12/23/2005	12/28/2005	Aqueous	Ammonia (as N)		1	0.087	0.05	mg/L		NH3-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Arsenic	7440-38-2	2	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Cadmium	7440-43-9	2	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	95	1	mg/L		ICP-W-DIS
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L69428-03B	12/22/2005		12/28/2005	Aqueous	Chloride	16887-00-6	10	11	10	mg/L		300.0-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Copper	7440-50-8	2	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L69428-03D	12/22/2005	12/23/2005	12/27/2005	Aqueous	Iron	7439-89-6	1	1.5	0.05	mg/L		ICP-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Lead	7439-92-1	2	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-DIS
Miller Outlet	L69428-03D	12/22/2005	12/23/2005	12/28/2005	Aqueous	Manganese	7439-96-5	1	0.14	0.005	mg/L		6020-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Manganese	7439-96-5	2	0.074	0.005	mg/L		6020-W-DISS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Nitrate (as N)		1	0.53	0.01	mg/L		NO3-W
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Nitrite (as N)		1	0.012	0.01	mg/L		NO2-W
Miller Outlet	L69428-03F	12/22/2005		12/28/2005	Aqueous	Oil & Grease		1	3.5	3	mg/L		OGB-W
Miller Outlet	L69428-03B	12/22/2005		12/23/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-DIS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Selenium	7782-49-2	2	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L69428-03A	12/22/2005		12/23/2005	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	6.4	1	mg/L		ICP-W-DIS
Miller Outlet	L69428-03B	12/22/2005		12/28/2005	Aqueous	Sulfate	14808-79-8	10	27	10	mg/L		300.0-W
Miller Outlet	L69428-03A	12/22/2005		12/23/2005	Aqueous	TDS		1	370	10	mg/L		TDS-W
Miller Outlet	L69428-03A	12/22/2005		12/23/2005	Aqueous	TSS		1	75	3	mg/L		TSS-W
Miller Outlet	L69428-03C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Zinc	7440-66-6	2	0.023	0.01	mg/L		6020-W-DISS
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L69847-02C	1/23/2006	1/31/2006	2/1/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Bicarbonate (As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0.053	0.004	mg/L		6020-W-DISS
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	98	10	mg/L		ICP-W-DIS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L69847-02B	1/23/2006		1/27/2006	Aqueous	Chloride	16887-00-6	1	10	2	mg/L		300.0-W
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0063	0.004	mg/L		6020-W-DISS
Miller Outlet	L69847-02F	1/23/2006		1/27/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L69847-02E	1/23/2006	1/24/2006	1/27/2006	Aqueous	Iron	7439-89-6	1	1.4	0.05	mg/L		ICP-W
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	10	mg/L		ICP-W-DIS
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.071	0.005	mg/L		6020-W-DISS
Miller Outlet	L69847-02E	1/23/2006	1/24/2006	1/30/2006	Aqueous	Manganese	7439-96-5	1	0.14	0.005	mg/L		6020-W
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Nitrate (as N)		1	0.67	0.01	mg/L		NO3-W
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L69847-02D	1/23/2006		1/24/2006	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Miller Outlet	L69847-02B	1/23/2006		1/24/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-DIS
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0.031	0.005	mg/L		6020-W-DISS
Miller Outlet	L69847-02A	1/23/2006		1/24/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L69847-02F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	6.6	1	mg/L		ICP-W-DIS
Miller Outlet	L69847-02B	1/23/2006		1/27/2006	Aqueous	Sulfate	14808-79-8	1	26	10	mg/L		300.0-W
Miller Outlet	L69847-02A	1/23/2006		1/24/2006	Aqueous	TDS		1	310	10	mg/L		TDS-W
Miller Outlet	L69847-02A	1/23/2006		1/24/2006	Aqueous	TSS		1	58	3	mg/L		TSS-W
Miller Outlet	L69847-02F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.090	0.01	mg/L		6020-W-DISS
Miller Outlet	L70355-03A	2/26/2006		2/28/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L70355-03A	2/26/2006		2/28/2006	Aqueous	Alkalinity,(As CaCO3)		1	290	10	mg/L		2320B-ALK-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L70355-03C	2/26/2006	3/2/2006	3/2/2006	Aqueous	Ammonia (as N)		1	0.16	0.05	mg/L		NH3-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L70355-03A	2/26/2006		2/28/2006	Aqueous	Bicarbonate (As CaCO3)		1	290	10	mg/L		2320B-ALK-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	100	10	mg/L		ICP-W-DIS
Miller Outlet	L70355-03A	2/26/2006		2/28/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L70355-03A	2/26/2006		3/1/2006	Aqueous	Chloride	16887-00-6	10	11	10	mg/L		300.0-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0046	0.004	mg/L		6020-W-DISS
Miller Outlet	L70355-03F	2/26/2006		3/7/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L70355-03E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Iron	7439-89-6	1	3.2	0.05	mg/L		ICP-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-DIS
Miller Outlet	L70355-03E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Manganese	7439-96-5	1	0.22	0.005	mg/L		ICP-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.065	0.005	mg/L		6020-W-DISS
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L70355-03A	2/26/2006		2/27/2006	Aqueous	Nitrate (as N)		1	0.69	0.01	mg/L		NO3-W
Miller Outlet	L70355-03A	2/26/2006		2/27/2006	Aqueous	Nitrite (as N)		1	0.042	0.01	mg/L		NO2-W
Miller Outlet	L70355-03D	2/26/2006		2/27/2006	Aqueous	Oil & Grease		1	5.6	3	mg/L		OGB-W
Miller Outlet	L70355-03A	2/26/2006		2/27/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.13	0.05	mg/L		PO4-O
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.7	1	mg/L		ICP-W-DIS
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0.0057	0.005	mg/L		6020-W-DISS
Miller Outlet	L70355-03B	2/26/2006		2/27/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	12	1	mg/L		ICP-W-DIS
Miller Outlet	L70355-03A	2/26/2006		3/1/2006	Aqueous	Sulfate	14808-79-8	10	24	10	mg/L		300.0-W
Miller Outlet	L70355-03B	2/26/2006		3/3/2006	Aqueous	TDS		1	240	10	mg/L		TDS-W
Miller Outlet	L70355-03B	2/26/2006		2/28/2006	Aqueous	TSS		1	100	3	mg/L		TSS-W
Miller Outlet	L70355-03F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.070	0.01	mg/L		6020-W-DISS
Miller Outlet	L70885-04B	3/27/2006		3/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	86	10	mg/L		ICP-W-DIS
Miller Outlet	L70885-04B	3/27/2006		3/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L70885-04B	3/27/2006		3/29/2006	Aqueous	Chloride	16887-00-6	10	11	10	mg/L		300.0-W
Miller Outlet	L70885-04B	3/27/2006		3/30/2006	Aqueous	Conductivity		1	550	2	umhos/cm		COND-W
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L70885-04E	3/27/2006		4/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	280	10	mg/L		HARD
Miller Outlet	L70885-04D	3/27/2006	4/6/2006	4/9/2006	Aqueous	Iron	7439-89-6	1	6.5	0.05	mg/L		ICP-W
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0.053	0.05	mg/L		ICP-W-DIS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-DIS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.078	0.005	mg/L		6020-W-DISS
Miller Outlet	L70885-04D	3/27/2006	4/3/2006	4/4/2006	Aqueous	Manganese	7439-96-5	1	0.32	0.005	mg/L		ICP-W
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L70885-04B	3/27/2006		3/29/2006	Aqueous	Nitrate (as N)		1	0.58	0.01	mg/L		NO3-W
Miller Outlet	L70885-04B	3/27/2006		3/29/2006	Aqueous	Nitrite (as N)		1	0.019	0.01	mg/L		NO2-W
Miller Outlet	L70885-04F	3/27/2006		3/28/2006	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Miller Outlet	L70885-04B	3/27/2006		3/28/2006	Aqueous	pH @ 25° C		1	8.10	0	pH Units		PH-W
Miller Outlet	L70885-04B	3/27/2006		3/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.087	0.05	mg/L		PO4-O
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.8	1	mg/L		ICP-W-DIS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L70885-04A	3/27/2006		3/28/2006	Aqueous	Settable Solids		1	0.20	0.1	ml/L		SS
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	11	1	mg/L		ICP-W-DIS
Miller Outlet	L70885-04B	3/27/2006		3/29/2006	Aqueous	Sulfate	14808-79-8	10	26	10	mg/L		300.0-W
Miller Outlet	L70885-04A	3/27/2006		3/31/2006	Aqueous	TDS		1	270	10	mg/L		TDS-W
Miller Outlet	L70885-04A	3/27/2006		3/28/2006	Aqueous	TSS		1	260	3	mg/L		TSS-W
Miller Outlet	L70885-04E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.028	0.01	mg/L		6020-W-DISS
Miller Outlet	L71507-01B	4/26/2006		5/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L71507-01B	4/26/2006		5/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L71507-01C	4/26/2006	5/3/2006	5/3/2006	Aqueous	Ammonia (as N)		1	0.16	0.05	mg/L		NH3-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L71507-01B	4/26/2006		5/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	100	10	mg/L		ICP-W-dis
Miller Outlet	L71507-01B	4/26/2006		5/2/2006	Aqueous	Carbonate (As CaCO3)		1	21	10	mg/L		2320B-ALK-W
Miller Outlet	L71507-01B	4/26/2006		5/12/2006	Aqueous	Chloride	16887-00-6	1	39	5	mg/L		300.0-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L71507-01E	4/26/2006		5/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L71507-01D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Iron	7439-89-6	1	5.7	0.05	mg/L		ICP-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	18	10	mg/L		ICP-W-dis
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.074	0.005	mg/L		6020-W-DISS
Miller Outlet	L71507-01D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Manganese	7439-96-5	1	0.34	0.005	mg/L		ICP-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L71507-01C	4/26/2006		5/4/2006	Aqueous	Nitrate/Nitrite (as N)		1	0.33	0.01	mg/L		NO2/NO3-W
Miller Outlet	L71507-01F	4/26/2006		5/5/2006	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Miller Outlet	L71507-01B	4/26/2006		4/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.069	0.05	mg/L	H	PO4-O
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.5	1	mg/L		ICP-W-dis
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L71507-01A	4/26/2006		4/28/2006	Aqueous	Settable Solids		1	0.30	0.1	ml/L		SS
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	10	19	10	mg/L		ICP-W-dis
Miller Outlet	L71507-01B	4/26/2006		5/12/2006	Aqueous	Sulfate	14808-79-8	1	48	5	mg/L		300.0-W
Miller Outlet	L71507-01A	4/26/2006		4/28/2006	Aqueous	TDS		1	360	10	mg/L		TDS-W
Miller Outlet	L71507-01A	4/26/2006		4/28/2006	Aqueous	TSS		1	270	3	mg/L		TSS-W
Miller Outlet	L71507-01E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.023	0.01	mg/L		6020-W-DISS
Miller Outlet	L72071-01B	5/25/2006		5/30/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L72071-01B	5/25/2006		5/30/2006	Aqueous	Alkalinity,(As CaCO3)		1	220	10	mg/L		2320B-ALK-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L72071-01C	5/25/2006	5/30/2006	5/31/2006	Aqueous	Ammonia (as N)		1	0.088	0.05	mg/L		NH3-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72071-01B	5/25/2006		5/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	210	10	mg/L		2320B-ALK-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	73	10	mg/L		ICP-W-DIS
Miller Outlet	L72071-01B	5/25/2006		5/30/2006	Aqueous	Carbonate (As CaCO3)		1	14	10	mg/L		2320B-ALK-W
Miller Outlet	L72071-01B	5/25/2006		6/1/2006	Aqueous	Chloride	16887-00-6	1	8.5	5	mg/L		300.0-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L72071-01E	5/25/2006		6/9/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	180	10	mg/L		HARD
Miller Outlet	L72071-01D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	2.6	0.05	mg/L		ICP-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	14	10	mg/L		ICP-W-DIS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72071-01D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Manganese	7439-96-5	1	0.16	0.005	mg/L		ICP-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L72071-01B	5/25/2006		5/26/2006	Aqueous	Nitrate (as N)		1	0.17	0.01	mg/L		NO3-W
Miller Outlet	L72071-01B	5/25/2006		5/26/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	1	NO2-W
Miller Outlet	L72071-01F	5/25/2006		5/30/2006	Aqueous	Oil & Grease		1	4.1	3	mg/L		OGB-W
Miller Outlet	L72071-01B	5/25/2006		5/26/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-DIS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72071-01A	5/25/2006		5/26/2006	Aqueous	Settable Solids		1	0.30	0.1	ml/L		SS
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	15	10	mg/L		ICP-W-DIS
Miller Outlet	L72071-01B	5/25/2006		6/1/2006	Aqueous	Sulfate	14808-79-8	1	19	5	mg/L	1	300.0-W
Miller Outlet	L72071-01A	5/25/2006		5/26/2006	Aqueous	TDS		1	240	10	mg/L		TDS-W
Miller Outlet	L72071-01A	5/25/2006		5/26/2006	Aqueous	TSS		1	170	3	mg/L		TSS-W
Miller Outlet	L72071-01E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Miller Outlet	L72660-01B	6/29/2006		7/3/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L72660-01B	6/29/2006		7/3/2006	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L72660-01C	6/29/2006	7/5/2006	7/7/2006	Aqueous	Ammonia (as N)		1	0.055	0.05	mg/L		NH3-W
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72660-01B	6/29/2006		7/3/2006	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	67	10	mg/L		ICP-W-DIS
Miller Outlet	L72660-01B	6/29/2006		7/3/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Miller Outlet	L72660-01B	6/29/2006		7/5/2006	Aqueous	Chloride	16887-00-6	1	8.8	1	mg/L		300.0-W
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L72660-01E	6/29/2006		7/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	260	10	mg/L		HARD
Miller Outlet	L72660-01D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Iron	7439-89-6	1	2.4	0.05	mg/L	2	ICP-W
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	16	1	mg/L		ICP-W-DIS
Miller Outlet	L72660-01D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Manganese	7439-96-5	1	0.13	0.005	mg/L		ICP-W
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L72660-01B	6/29/2006		6/30/2006	Aqueous	Nitrate (as N)		1	0.075	0.01	mg/L		NO3-W
Miller Outlet	L72660-01B	6/29/2006		6/30/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L72660-01F	6/29/2006		6/30/2006	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Miller Outlet	L72660-01B	6/29/2006		6/30/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.077	0.05	mg/L		PO4-O
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-DIS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L72660-01A	6/29/2006		6/30/2006	Aqueous	Settable Solids		1	0.20	0.1	ml/L		SS
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	5.4	1	mg/L		ICP-W-DIS
Miller Outlet	L72660-01B	6/29/2006		7/5/2006	Aqueous	Sulfate	14808-79-8	1	20	10	mg/L		300.0-W
Miller Outlet	L72660-01A	6/29/2006		6/30/2006	Aqueous	TDS		1	200	20	mg/L		TDS-W
Miller Outlet	L72660-01A	6/29/2006		6/30/2006	Aqueous	TSS		1	150	3	mg/L		TSS-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L72660-01E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.010	0.01	mg/L		6020-W-DISS
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L73160-06C	7/31/2006	8/2/2006	8/4/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	67	1	mg/L		ICP-W-DIS
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Miller Outlet	L73160-06B	7/31/2006		8/5/2006	Aqueous	Chloride	16887-00-6	1	9.2	1	mg/L		300.0-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L73160-06E	7/31/2006		8/14/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	230	10	mg/L		HARD
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L73160-06D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Iron	7439-89-6	1	2.4	0.05	mg/L	*	ICP-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	15	1	mg/L		ICP-W-DIS
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73160-06D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Manganese	7439-96-5	1	0.13	0.005	mg/L		ICP-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Nitrate (as N)		1	0.14	0.01	mg/L		NO3-W
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Nitrite (as N)		1	0.015	0.01	mg/L		NO2-W
Miller Outlet	L73160-06F	7/31/2006		8/8/2006	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Miller Outlet	L73160-06B	7/31/2006		8/2/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.078	0.05	mg/L		PO4-O
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.4	1	mg/L		ICP-W-DIS
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73160-06A	7/31/2006		8/2/2006	Aqueous	Settable Solids		1	0.20	0.1	ml/L		SS
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	5.8	1	mg/L		ICP-W-DIS
Miller Outlet	L73160-06B	7/31/2006		8/5/2006	Aqueous	Sulfate	14808-79-8	1	20	10	mg/L		300.0-W
Miller Outlet	L73160-06A	7/31/2006		8/3/2006	Aqueous	TDS		1	620	20	mg/L		TDS-W
Miller Outlet	L73160-06A	7/31/2006		8/2/2006	Aqueous	TSS		1	100	3	mg/L		TSS-W
Miller Outlet	L73160-06E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.020	0.01	mg/L		6020-W-DISS
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Alkalinity,(As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L73504-06C	8/21/2006	8/23/2006	8/24/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Bicarbonate (As CaCO3)		1	200	20	mg/L		2320B-ALK-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	63	10	mg/L		ICP-W-DIS
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Carbonate (As CaCO3)		1	17	10	mg/L		2320B-ALK-W
Miller Outlet	L73504-06B	8/21/2006		8/24/2006	Aqueous	Chloride	16887-00-6	1	9.4	1	mg/L		300.0-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L73504-06E	8/21/2006		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	220	10	mg/L		HARD
Miller Outlet	L73504-06D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Iron	7439-89-6	1	3.3	0.05	mg/L		ICP-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	15	10	mg/L		ICP-W-DIS
Miller Outlet	L73504-06D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Manganese	7439-96-5	1	0.15	0.005	mg/L		ICP-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Manganese	7439-96-5	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Nitrate (as N)		1	0.034	0.01	mg/L		NO3-W
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L73504-06F	8/21/2006		8/23/2006	Aqueous	Oil & Grease		1	4.8	3	mg/L		OGB-W
Miller Outlet	L73504-06B	8/21/2006		8/23/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.3	1	mg/L		ICP-W-DIS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L73504-06A	8/21/2006		8/23/2006	Aqueous	Settable Solids		1	0.30	0.1	ml/L		SS
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	6.4	1	mg/L		ICP-W-DIS
Miller Outlet	L73504-06B	8/21/2006		8/24/2006	Aqueous	Sulfate	14808-79-8	1	20	10	mg/L		300.0-W
Miller Outlet	L73504-06A	8/21/2006		8/25/2006	Aqueous	TDS		1	200	20	mg/L		TDS-W
Miller Outlet	L73504-06A	8/21/2006		8/23/2006	Aqueous	TSS		1	150	3	mg/L		TSS-W
Miller Outlet	L73504-06E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Alkalinity,(As CaCO3)		1	260	20	mg/L		2320B-ALK-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L74688-04C	10/30/2006	11/1/2006	11/3/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	80	10	mg/L	*	ICP-W-DIS
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L74688-04B	10/30/2006		11/9/2006	Aqueous	Chloride	16887-00-6	1	9.7	1	mg/L		300.0-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L74688-04F	10/30/2006		11/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	270	10	mg/L		HARD
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Miller Outlet	L74688-04E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Iron	7439-89-6	1	1.5	0.05	mg/L		ICP-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	17	10	mg/L	*	ICP-W-DIS
Miller Outlet	L74688-04E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Manganese	7439-96-5	1	0.077	0.005	mg/L		ICP-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.016	0.005	mg/L		6020-W-DISS
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Nitrate (as N)		1	0.24	0.01	mg/L		NO3-W
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L74688-04D	10/30/2006		11/1/2006	Aqueous	Oil & Grease		1	4.1	3	mg/L		OGB-W
Miller Outlet	L74688-04B	10/30/2006		11/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.1	1	mg/L		ICP-W-DIS
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L74688-04A	10/30/2006		11/1/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	6.2	1	mg/L		ICP-W-DIS
Miller Outlet	L74688-04B	10/30/2006		11/9/2006	Aqueous	Sulfate	14808-79-8	1	25	10	mg/L		300.0-W
Miller Outlet	L74688-04A	10/30/2006		11/1/2006	Aqueous	TDS		1	310	20	mg/L		TDS-W
Miller Outlet	L74688-04A	10/30/2006		11/1/2006	Aqueous	TSS		1	51	3	mg/L		TSS-W
Miller Outlet	L74688-04F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Miller Outlet	L75205-01B	11/28/2006		12/4/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L75205-01B	11/28/2006		12/4/2006	Aqueous	Alkalinity,(As CaCO3)		1	260	20	mg/L		2320B-ALK-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L75205-01C	11/28/2006	12/1/2006	12/5/2006	Aqueous	Ammonia (as N)		1	0.097	0.05	mg/L		NH3-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/5/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L75205-01B	11/28/2006		12/4/2006	Aqueous	Bicarbonate (As CaCO3)		1	260	20	mg/L		2320B-ALK-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	94	10	mg/L	**	ICP-W-dis
Miller Outlet	L75205-01B	11/28/2006		12/4/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L75205-01B	11/28/2006		12/2/2006	Aqueous	Chloride	16887-00-6	1	9.7	5	mg/L		300.0-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/5/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L75205-01F	11/28/2006		12/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L75205-01E	11/28/2006	12/4/2006	12/13/2006	Aqueous	Iron	7439-89-6	1	1.4	0.05	mg/L		ICP-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/5/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	18	1	mg/L		ICP-W-dis
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/5/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.024	0.005	mg/L		6020-W-DISS
Miller Outlet	L75205-01E	11/28/2006	12/4/2006	12/13/2006	Aqueous	Manganese	7439-96-5	1	0.082	0.005	mg/L		ICP-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L75205-01B	11/28/2006		12/1/2006	Aqueous	Nitrate (as N)		1	0.65	0.01	mg/L	H	NO3-W
Miller Outlet	L75205-01B	11/28/2006		12/1/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	*@H	NO2-W
Miller Outlet	L75205-01D	11/28/2006		12/4/2006	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Miller Outlet	L75205-01B	11/28/2006		12/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	H	PO4-O
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/13/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.1	1	mg/L		ICP-W-dis
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/5/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L75205-01A	11/28/2006		12/1/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/14/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	6.8	1	mg/L		ICP-W-dis
Miller Outlet	L75205-01B	11/28/2006		12/2/2006	Aqueous	Sulfate	14808-79-8	1	24	5	mg/L		300.0-W
Miller Outlet	L75205-01A	11/28/2006		12/1/2006	Aqueous	TDS		1	280	20	mg/L		TDS-W
Miller Outlet	L75205-01A	11/28/2006		12/1/2006	Aqueous	TSS		1	47	3	mg/L		TSS-W
Miller Outlet	L75205-01F	11/28/2006	12/4/2006	12/5/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.011	0.01	mg/L		6020-W-DISS
Miller Outlet	L75586-03B	12/26/2006		1/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L75586-03B	12/26/2006		1/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	280	20	mg/L		2320B-ALK-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L75586-03C	12/26/2006	12/28/2006	12/29/2006	Aqueous	Ammonia (as N)		1	0.067	0.05	mg/L		NH3-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L75586-03B	12/26/2006		1/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	270	20	mg/L		2320B-ALK-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	95	10	mg/L	*	ICP-W-dis
Miller Outlet	L75586-03B	12/26/2006		1/2/2007	Aqueous	Carbonate (As CaCO3)		1	10	10	mg/L		2320B-ALK-W
Miller Outlet	L75586-03B	12/26/2006		1/2/2007	Aqueous	Chloride	16887-00-6	1	11	2	mg/L		300.0-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L75586-03F	12/26/2006		1/5/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Miller Outlet	L75586-03E	12/26/2006	1/2/2007	1/3/2007	Aqueous	Iron	7439-89-6	1	2.1	0.05	mg/L		ICP-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	17	10	mg/L	*	ICP-W-dis
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0.023	0.005	mg/L		6020-W-DISS
Miller Outlet	L75586-03E	12/26/2006	1/2/2007	1/3/2007	Aqueous	Manganese	7439-96-5	1	0.11	0.005	mg/L		ICP-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L75586-03B	12/26/2006		12/28/2006	Aqueous	Nitrate (as N)		1	0.82	0.01	mg/L		NO3-W
Miller Outlet	L75586-03B	12/26/2006		12/28/2006	Aqueous	Nitrite (as N)		1	0.011	0.01	mg/L		NO2-W
Miller Outlet	L75586-03D	12/26/2006		12/29/2006	Aqueous	Oil & Grease		1	4.8	3	mg/L		OGB-W
Miller Outlet	L75586-03B	12/26/2006		12/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.05	0.05	mg/L		PO4-O
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	1.8	1	mg/L		ICP-W-dis
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L75586-03A	12/26/2006		12/28/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	7.1	1	mg/L		ICP-W-dis
Miller Outlet	L75586-03B	12/26/2006		1/2/2007	Aqueous	Sulfate	14808-79-8	1	20	5	mg/L		300.0-W
Miller Outlet	L75586-03A	12/26/2006		12/29/2006	Aqueous	TDS		1	300	20	mg/L		TDS-W
Miller Outlet	L75586-03A	12/26/2006		12/28/2006	Aqueous	TSS		1	75	3	mg/L		TSS-W
Miller Outlet	L75586-03F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0.029	0.01	mg/L		6020-W-DISS
Miller Outlet	L76053-03B	1/31/2007		2/5/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L76053-03B	1/31/2007		2/5/2007	Aqueous	Alkalinity,(As CaCO3)		1	280	20	mg/L		2320B-ALK-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L76053-03C	1/31/2007	2/2/2007	2/5/2007	Aqueous	Ammonia (as N)		1	0.055	0.05	mg/L		NH3-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76053-03B	1/31/2007		2/5/2007	Aqueous	Bicarbonate (As CaCO3)		1	260	20	mg/L		2320B-ALK-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	90	10	mg/L	*	ICP-W-dis
Miller Outlet	L76053-03B	1/31/2007		2/5/2007	Aqueous	Carbonate (As CaCO3)		1	10	20	mg/L		2320B-ALK-W
Miller Outlet	L76053-03B	1/31/2007		2/2/2007	Aqueous	Chloride	16887-00-6	1	9.6	2	mg/L		300.0-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L76053-03F	1/31/2007		2/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	290	10	mg/L		HARD
Miller Outlet	L76053-03E	1/31/2007	2/2/2007	2/7/2007	Aqueous	Iron	7439-89-6	1	3.6	0.05	mg/L		ICP-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-dis

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0.023	0.005	mg/L		6020-W-DISS
Miller Outlet	L76053-03E	1/31/2007	2/2/2007	2/7/2007	Aqueous	Manganese	7439-96-5	1	0.17	0.005	mg/L		ICP-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L76053-03B	1/31/2007		2/2/2007	Aqueous	Nitrate (as N)		1	0.92	0.01	mg/L		NO3-W
Miller Outlet	L76053-03B	1/31/2007		2/2/2007	Aqueous	Nitrite (as N)		1	0.010	0.01	mg/L		NO2-W
Miller Outlet	L76053-03D	1/31/2007		2/9/2007	Aqueous	Oil & Grease		1	3.5	3	mg/L		OGB-W
Miller Outlet	L76053-03B	1/31/2007		2/2/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-dis
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76053-03A	1/31/2007		2/2/2007	Aqueous	Settable Solids		1	0.30	0.1	ml/L		SS
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	6.3	1	mg/L		ICP-W-dis
Miller Outlet	L76053-03B	1/31/2007		2/2/2007	Aqueous	Sulfate	14808-79-8	1	21	5	mg/L	*	300.0-W
Miller Outlet	L76053-03A	1/31/2007		2/2/2007	Aqueous	TDS		1	310	20	mg/L		TDS-W
Miller Outlet	L76053-03A	1/31/2007		2/2/2007	Aqueous	TSS		1	200	3	mg/L		TSS-W
Miller Outlet	L76053-03F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0.027	0.01	mg/L		6020-W-DISS
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Alkalinity,(As CaCO3)		1	280	20	mg/L		2320B-ALK-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L76314-03C	2/19/2007	2/21/2007	2/22/2007	Aqueous	Ammonia (as N)		1	0.066	0.05	mg/L		NH3-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Bicarbonate (As CaCO3)		1	260	20	mg/L		2320B-ALK-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	94	10	mg/L	*	ICP-W-dis
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Chloride	16887-00-6	1	10	2	mg/L		300.0-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L76314-03F	2/19/2007		2/26/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	300	10	mg/L		HARD
Miller Outlet	L76314-03E	2/19/2007	2/21/2007	2/23/2007	Aqueous	Iron	7439-89-6	1	4.3	0.05	mg/L		ICP-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-dis
Miller Outlet	L76314-03E	2/19/2007	2/21/2007	2/23/2007	Aqueous	Manganese	7439-96-5	1	0.23	0.005	mg/L		ICP-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Nitrate (as N)		1	0.83	0.01	mg/L		NO3-W
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L76314-03D	2/19/2007		2/27/2007	Aqueous	Oil & Grease		1	4.3	3	mg/L		OGB-W
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	1.7	1	mg/L		ICP-W-dis
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	5.5	1	mg/L		ICP-W-dis
Miller Outlet	L76314-03B	2/19/2007		2/21/2007	Aqueous	Sulfate	14808-79-8	1	23	5	mg/L		300.0-W
Miller Outlet	L76314-03A	2/19/2007		2/22/2007	Aqueous	TDS		1	260	10	mg/L		TDS-W
Miller Outlet	L76314-03A	2/19/2007		2/21/2007	Aqueous	TSS		1	100	3	mg/L		TSS-W
Miller Outlet	L76314-03F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0.021	0.01	mg/L		6020-W-DISS
Miller Outlet	L76981-04B	3/29/2007		4/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L76981-04B	3/29/2007		4/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	270	20	mg/L		2320B-ALK-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L76981-04C	3/29/2007	3/30/2007	4/2/2007	Aqueous	Ammonia (as N)		1	0.056	0.05	mg/L		NH3-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76981-04B	3/29/2007		4/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	270	20	mg/L		2320B-ALK-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	93	10	mg/L	*	ICP-W-dis
Miller Outlet	L76981-04B	3/29/2007		4/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L76981-04B	3/29/2007		3/31/2007	Aqueous	Chloride	16887-00-6	2	11	2	mg/L		300.0-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L76981-04F	3/29/2007		4/11/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	300	10	mg/L		HARD
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L76981-04E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Iron	7439-89-6	1	5.8	0.05	mg/L		ICP-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-dis
Miller Outlet	L76981-04E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Manganese	7439-96-5	1	0.28	0.005	mg/L		ICP-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.040	0.005	mg/L		6020-W-DISS
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L76981-04B	3/29/2007		3/30/2007	Aqueous	Nitrate (as N)		1	0.43	0.01	mg/L		NO3-W
Miller Outlet	L76981-04B	3/29/2007		3/30/2007	Aqueous	Nitrite (as N)		1	0.025	0.01	mg/L		NO2-W
Miller Outlet	L76981-04D	3/29/2007		3/30/2007	Aqueous	Oil & Grease		1	3.7	3	mg/L		OGB-W
Miller Outlet	L76981-04B	3/29/2007		3/30/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.8	1	mg/L		ICP-W-dis
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	14	1	mg/L		ICP-W-dis
Miller Outlet	L76981-04B	3/29/2007		3/31/2007	Aqueous	Sulfate	14808-79-8	5	34	5	mg/L		300.0-W
Miller Outlet	L76981-04A	3/29/2007		3/30/2007	Aqueous	TDS		1	300	20	mg/L		TDS-W
Miller Outlet	L76981-04A	3/29/2007		3/30/2007	Aqueous	TSS		1	340	3	mg/L		TSS-W
Miller Outlet	L76981-04F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0.012	0.01	mg/L		6020-W-DISS
Miller Outlet	L77519-04B	4/25/2007		4/30/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Miller Outlet	L77519-04B	4/25/2007		4/30/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L77519-04C	4/25/2007	5/1/2007	5/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L77519-04B	4/25/2007		4/30/2007	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	83	10	mg/L	*	ICP-W-dis
Miller Outlet	L77519-04B	4/25/2007		4/30/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Miller Outlet	L77519-04B	4/25/2007		4/29/2007	Aqueous	Chloride	16887-00-6	10	11	10	mg/L		300.0-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L77519-04F	4/25/2007		5/9/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	280	10	mg/L		HARD
Miller Outlet	L77519-04E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Iron	7439-89-6	1	2.1	0.05	mg/L		ICP-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	16	1	mg/L		ICP-W-dis
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.0090	0.005	mg/L		6020-W-DISS
Miller Outlet	L77519-04E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Manganese	7439-96-5	1	0.092	0.005	mg/L		ICP-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L77519-04B	4/25/2007		4/27/2007	Aqueous	Nitrate (as N)		1	0.22	0.01	mg/L		NO3-W
Miller Outlet	L77519-04B	4/25/2007		4/27/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L77519-04D	4/25/2007		5/3/2007	Aqueous	Oil & Grease		1	3.0	3	mg/L		OGB-W
Miller Outlet	L77519-04B	4/25/2007		4/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-dis
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	15	1	mg/L		ICP-W-dis
Miller Outlet	L77519-04B	4/25/2007		4/29/2007	Aqueous	Sulfate	14808-79-8	10	30	10	mg/L		300.0-W
Miller Outlet	L77519-04A	4/25/2007		4/30/2007	Aqueous	TDS		1	290	20	mg/L		TDS-W
Miller Outlet	L77519-04A	4/25/2007		4/27/2007	Aqueous	TSS		1	72	3	mg/L		TSS-W
Miller Outlet	L77519-04F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Miller Outlet	L78061-01B	5/29/2007		6/4/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L78061-01B	5/29/2007		6/4/2007	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L78061-01C	5/29/2007	6/1/2007	6/6/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78061-01B	5/29/2007		6/4/2007	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	75	10	mg/L	*	ICP-W-dis
Miller Outlet	L78061-01B	5/29/2007		6/4/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L78061-01B	5/29/2007		5/30/2007	Aqueous	Chloride	16887-00-6	5	9.7	5	mg/L		300.0-W
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/8/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L78061-01F	5/29/2007		6/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	260	10	mg/L		HARD
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L78061-01E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Iron	7439-89-6	1	2.8	0.05	mg/L	'	ICP-W
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-dis
Miller Outlet	L78061-01E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Manganese	7439-96-5	1	0.12	0.005	mg/L		ICP-W
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L78061-01B	5/29/2007		5/30/2007	Aqueous	Nitrate (as N)		1	0.025	0.01	mg/L	'	NO3-W
Miller Outlet	L78061-01B	5/29/2007		5/30/2007	Aqueous	Nitrite (as N)		1	0.015	0.01	mg/L		NO2-W
Miller Outlet	L78061-01D	5/29/2007		6/1/2007	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Miller Outlet	L78061-01B	5/29/2007		5/31/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	1.1	1	mg/L		ICP-W-dis
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78061-01A	5/29/2007		5/30/2007	Aqueous	Settleable Solids		1	0.20	0.1	ml/L		SS-W-2540F
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	14	1	mg/L	' @	ICP-W-dis
Miller Outlet	L78061-01B	5/29/2007		5/30/2007	Aqueous	Sulfate	14808-79-8	5	23	5	mg/L		300.0-W
Miller Outlet	L78061-01A	5/29/2007		6/1/2007	Aqueous	TDS		1	270	20	mg/L		TDS-W
Miller Outlet	L78061-01A	5/29/2007		5/30/2007	Aqueous	TSS		1	120	3	mg/L		TSS-W-2540D
Miller Outlet	L78061-01F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.016	0.01	mg/L		6020-W-DISS
Miller Outlet	L78574-04B	6/25/2007		6/28/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L78574-04B	6/25/2007		6/28/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L78574-04C	6/25/2007	6/28/2007	6/29/2007	Aqueous	Ammonia (as N)		1	0.084	0.05	mg/L		NH3-W
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78574-04B	6/25/2007		6/28/2007	Aqueous	Bicarbonate (As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	66	10	mg/L	*	ICP-W-dis
Miller Outlet	L78574-04B	6/25/2007		6/28/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Miller Outlet	L78574-04B	6/25/2007		7/9/2007	Aqueous	Chloride	16887-00-6	5	12	5	mg/L		300.0-W
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0.0068	0.004	mg/L		6020-W-DISS
Miller Outlet	L78574-04F	6/25/2007		7/2/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	230	10	mg/L		HARD
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L78574-04E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Iron	7439-89-6	1	3.5	0.05	mg/L		ICP-W
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	16	1	mg/L		ICP-W-dis
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.011	0.005	mg/L		6020-W-DISS
Miller Outlet	L78574-04E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Manganese	7439-96-5	1	0.17	0.005	mg/L		ICP-W
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L78574-04B	6/25/2007		6/28/2007	Aqueous	Nitrate (as N)		1	0.090	0.01	mg/L	H	NO3-W
Miller Outlet	L78574-04B	6/25/2007		6/28/2007	Aqueous	Nitrite (as N)		1	0.028	0.01	mg/L	H	NO2-W
Miller Outlet	L78574-04D	6/25/2007		7/5/2007	Aqueous	Oil & Grease		1	6.2	3	mg/L		OGB-W
Miller Outlet	L78574-04B	6/25/2007		6/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.052	0.05	mg/L	H	PO4-O
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.3	1	mg/L		ICP-W-dis
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L78574-04A	6/25/2007		6/27/2007	Aqueous	Settleable Solids		1	0.10	0.1	mL/L		SS-W-2540F
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	15	1	mg/L		ICP-W-dis
Miller Outlet	L78574-04B	6/25/2007		7/7/2007	Aqueous	Sulfate	14808-79-8	10	27	10	mg/L		300.0-W
Miller Outlet	L78574-04A	6/25/2007		6/27/2007	Aqueous	TDS		1	280	20	mg/L		TDS-W
Miller Outlet	L78574-04A	6/25/2007		6/27/2007	Aqueous	TSS		1	150	3	mg/L		TSS-W-2540D
Miller Outlet	L78574-04F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.020	0.01	mg/L		6020-W-DISS
Miller Outlet	L79128-01B	7/30/2007		8/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L79128-01B	7/30/2007		8/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L79128-01C	7/30/2007	8/1/2007	8/3/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L79128-01B	7/30/2007		8/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	210	20	mg/L		2320B-ALK-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	64	10	mg/L	*	ICP-W-dis
Miller Outlet	L79128-01B	7/30/2007		8/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L79128-01B	7/30/2007		8/11/2007	Aqueous	Chloride	16887-00-6	5	9.4	5	mg/L	*	300.0-W
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Miller Outlet	L79128-01F	7/30/2007		8/10/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	230	10	mg/L		HARD
Miller Outlet	L79128-01E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Iron	7439-89-6	1	2.6	0.05	mg/L		ICP-W
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	16	10	mg/L	*	ICP-W-dis
Miller Outlet	L79128-01E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Manganese	7439-96-5	1	0.086	0.005	mg/L		ICP-W
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L79128-01B	7/30/2007		8/1/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Miller Outlet	L79128-01B	7/30/2007		8/1/2007	Aqueous	Nitrite (as N)		1	0.025	0.01	mg/L		NO2-W
Miller Outlet	L79128-01D	7/30/2007		8/2/2007	Aqueous	Oil & Grease		1	4.3	3	mg/L		OGB-W
Miller Outlet	L79128-01B	7/30/2007		8/1/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.11	0.05	mg/L	'	PO4-O
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.5	1	mg/L		ICP-W-dis
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Miller Outlet	L79128-01A	7/30/2007		8/1/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	16	10	mg/L	*	ICP-W-dis
Miller Outlet	L79128-01B	7/30/2007		8/11/2007	Aqueous	Sulfate	14808-79-8	5	19	5	mg/L	*	300.0-W
Miller Outlet	L79128-01A	7/30/2007		8/3/2007	Aqueous	TDS		1	280	10	mg/L		TDS-W
Miller Outlet	L79128-01A	7/30/2007		8/1/2007	Aqueous	TSS		1	110	3	mg/L		TSS-W-2540D
Miller Outlet	L79128-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Miller Outlet	L81026-04B	11/12/2007		11/15/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L81026-04B	11/12/2007		11/15/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L81026-04C	11/12/2007	11/15/2007	11/15/2007	Aqueous	Ammonia (as N)		1	0.054	0.05	mg/L		NH3-W
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Miller Outlet	L81026-04B	11/12/2007		11/15/2007	Aqueous	Bicarbonate (As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	74	10	mg/L	#	ICP-W-dis
Miller Outlet	L81026-04B	11/12/2007		11/15/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L81026-04B	11/12/2007		11/21/2007	Aqueous	Chloride	16887-00-6	5	9.7	5	mg/L		300.0-W
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Copper	7440-50-8	20	0.0012	0.0008	mg/L		6020-W-DISS
Miller Outlet	L81026-04F	11/12/2007		11/27/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	250	10	mg/L		HARD
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L81026-04E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Iron	7439-89-6	1	0.64	0.05	mg/L		ICP-W
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0001	mg/L		6020-W-DISS
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-dis
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Manganese	7439-96-5	20	0.0070	0.0012	mg/L		6020-W-DISS
Miller Outlet	L81026-04E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Manganese	7439-96-5	1	0.031	0.005	mg/L		ICP-W
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L81026-04B	11/12/2007		11/14/2007	Aqueous	Nitrate (as N)		1	0.078	0.01	mg/L		NO3-W
Miller Outlet	L81026-04B	11/12/2007		11/14/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L81026-04D	11/12/2007		11/18/2007	Aqueous	Oil & Grease		1	3.2	3	mg/L		OGB-W
Miller Outlet	L81026-04B	11/12/2007		11/14/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	H	PO4-O
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	1.7	1	mg/L		ICP-W-dis
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L81026-04A	11/12/2007		11/14/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	6.3	1	mg/L		ICP-W-dis
Miller Outlet	L81026-04B	11/12/2007		11/21/2007	Aqueous	Sulfate	14808-79-8	5	25	5	mg/L		300.0-W
Miller Outlet	L81026-04A	11/12/2007		11/14/2007	Aqueous	TDS		1	320	20	mg/L		TDS-W
Miller Outlet	L81026-04A	11/12/2007		11/14/2007	Aqueous	TSS		1	26	3	mg/L		TSS-W-2540D
Miller Outlet	L81026-04F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L83169-03C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0.095	0.05	mg/L		NH3-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	82	10	mg/L	#	ICP-W-dis
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L83169-03B	3/25/2008		3/30/2008	Aqueous	Chloride	16887-00-6	10	9.4	1	mg/L		300.0-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0017	0.0008	mg/L		6020-W-DISS
Miller Outlet	L83169-03F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	270	10	mg/L		HARD
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L83169-03E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Iron	7439-89-6	1	1.6	0.05	mg/L		ICP-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	15	1	mg/L		ICP-W-dis
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.043	0.0012	mg/L		6020-W-DISS
Miller Outlet	L83169-03E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Manganese	7439-96-5	1	0.25	0.005	mg/L		ICP-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L83169-03B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0.64	0.01	mg/L		NO3-W
Miller Outlet	L83169-03B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0.014	0.01	mg/L		NO2-W
Miller Outlet	L83169-03D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Miller Outlet	L83169-03B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	2.1	1	mg/L		ICP-W-dis
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L83169-03A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0.50	0.1	ml/L		SS-W-2540F
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	6.6	1	mg/L		ICP-W-dis
Miller Outlet	L83169-03B	3/25/2008		3/30/2008	Aqueous	Sulfate	14808-79-8	10	29	7.5	mg/L		300.0-W
Miller Outlet	L83169-03A	3/25/2008		3/28/2008	Aqueous	TDS		1	330	20	mg/L		TDS-W
Miller Outlet	L83169-03A	3/25/2008		3/27/2008	Aqueous	TSS		1	430	3	mg/L		TSS-W-2540D

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L83169-03C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0.095	0.05	mg/L		NH3-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	82	10	mg/L	#	ICP-W-dis
Miller Outlet	L83169-03B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L83169-03B	3/25/2008		3/30/2008	Aqueous	Chloride	16887-00-6	10	9.4	1	mg/L		300.0-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0017	0.0008	mg/L		6020-W-DISS
Miller Outlet	L83169-03F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	270	10	mg/L		HARD
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L83169-03E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Iron	7439-89-6	1	1.6	0.05	mg/L		ICP-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	15	1	mg/L		ICP-W-dis
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.043	0.0012	mg/L		6020-W-DISS
Miller Outlet	L83169-03E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Manganese	7439 96-5	1	0.25	0.005	mg/L		ICP-W
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L83169-03B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0.64	0.01	mg/L		NO3-W
Miller Outlet	L83169-03B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0.014	0.01	mg/L		NO2-W
Miller Outlet	L83169-03D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Miller Outlet	L83169-03B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	2.1	1	mg/L		ICP-W-dis
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L83169-03A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0.50	0.1	ml/L		SS-W-2540F
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	6.6	1	mg/L		ICP-W-dis
Miller Outlet	L83169-03B	3/25/2008		3/30/2008	Aqueous	Sulfate	14808-79-8	10	29	7.5	mg/L		300.0-W
Miller Outlet	L83169-03A	3/25/2008		3/28/2008	Aqueous	TDS		1	330	20	mg/L		TDS-W
Miller Outlet	L83169-03A	3/25/2008		3/27/2008	Aqueous	TSS		1	430	3	mg/L		TSS-W-2540D
Miller Outlet	L83169-03F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Miller Outlet	L84608-04B	6/16/2008		6/20/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L84608-04B	6/16/2008		6/20/2008	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L84608-04C	6/16/2008	6/20/2008	6/25/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Miller Outlet	L84608-04B	6/16/2008		6/20/2008	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Calcium	7440-70-2	10	66	10	mg/L	~	ICP-W-dis
Miller Outlet	L84608-04B	6/16/2008		6/20/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L84608-04B	6/16/2008		6/26/2008	Aqueous	Chloride	16887-00-6	5	8.1	0.5	mg/L		300.0-W
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Copper	7440-50-8	20	0.0016	0.0008	mg/L		6020-W-DISS
Miller Outlet	L84608-04F	6/16/2008		6/18/2008	Aqueous Dissolved	Hardness (as CaCO3)	471-34-1	1	220	10	mg/L		HARD
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L84608-04E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Iron	7439-89-6	1	1.6	0.05	mg/L		ICP-W
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Magnesium	7439-95-4	1	14	1	mg/L		ICP-W-dis
Miller Outlet	L84608-04E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Manganese	7439-96-5	1	0.089	0.005	mg/L		ICP-W
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Manganese	7439-96-5	20	0	0.0012	mg/L		6020-W-DISS
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L84608-04B	6/16/2008		6/18/2008	Aqueous	Nitrate (as N)		1	0.14	0.01	mg/L		NO3-W
Miller Outlet	L84608-04B	6/16/2008		6/18/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L84608-04D	6/16/2008		6/18/2008	Aqueous	Oil & Grease		1	460	3	mg/L	*	OGB-W
Miller Outlet	L84608-04B	6/16/2008		6/18/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Potassium	7440-09-7	1	1.8	1	mg/L		ICP-W-dis
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L84608-04A	6/16/2008		6/18/2008	Aqueous	Settleable Solids		1	0.10	0.1	ml/L		SS-W-2540F
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Sodium	7440-23-5	1	17	1	mg/L		ICP-W-dis
Miller Outlet	L84608-04B	6/16/2008		6/26/2008	Aqueous	Sulfate	14808-79-8	5	23	3.8	mg/L		300.0-W
Miller Outlet	L84608-04A	6/16/2008		6/19/2008	Aqueous	TDS		1	240	100	mg/L		TDS-W
Miller Outlet	L84608-04A	6/16/2008		6/18/2008	Aqueous	TSS		1	85	3	mg/L		TSS-W-2540D
Miller Outlet	L84608-04F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Miller Outlet	L85972-04B	8/26/2008		8/29/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L85972-04D	8/26/2008	8/28/2008	8/29/2008	Aqueous	Ammonia (as N)		1	0.056	0.05	mg/L		NH3-W
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.0010	0.0006	mg/L		6020-W-DISS
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	63	10	mg/L	~	ICP-W-dis
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Chloride	16887-00-6	1	12	0.1	mg/L		300.0-W
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0016	0.0008	mg/L		6020-W-DISS
Miller Outlet	L85972-04E	8/26/2008		9/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	220	10	mg/L		HARD
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L85972-04F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Iron	7439-89-6	1	1.3	0.05	mg/L		ICP-W
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	15	1	mg/L		ICP-W-dis
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0	0.0012	mg/L		6020-W-DISS
Miller Outlet	L85972-04F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Manganese	7439-96-5	1	0.058	0.005	mg/L		ICP-W
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Nitrate (as N)		1	0.025	0.01	mg/L		NO3-W
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L85972-04C	8/26/2008		9/5/2008	Aqueous	Oil & Grease		1	3.0	3	mg/L		OGB-W
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Phosphorus, Orthophosphate (as	7723-14-0	1	0	0.1	mg/L		300.0-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-dis
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L85972-04A	8/26/2008		8/28/2008	Aqueous	Settleable Solids		1	0.20	0.1	ml/L		SS-W-2540F
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	6.6	1	mg/L		ICP-W-dis
Miller Outlet	L85972-04B	8/26/2008		8/28/2008	Aqueous	Sulfate	14808-79-8	1	22	0.75	mg/L		300.0-W
Miller Outlet	L85972-04A	8/26/2008		8/28/2008	Aqueous	TDS		1	310	20	mg/L		TDS-W
Miller Outlet	L85972-04A	8/26/2008		8/28/2008	Aqueous	TSS		1	88	3	mg/L		TSS-W-2540D
Miller Outlet	L85972-04E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L87283-04D	10/29/2008	11/6/2008	11/7/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.00063	0.0006	mg/L		6020-W-DISS
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	74	10	mg/L	~	ICP-W-dis
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Carbonate (As CaCO3)		1	18	10	mg/L		2320B-ALK-W
Miller Outlet	L87283-04B	10/29/2008		11/11/2008	Aqueous	Chloride	16887-00-6	5	9.8	0.5	mg/L		300.0-W
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L87283-04E	10/29/2008		11/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	250	10	mg/L		HARD
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Miller Outlet	L87283-04F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Iron	7439-89-6	1	0.67	0.05	mg/L		ICP-W
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	17	1	mg/L		ICP-W-dis
Miller Outlet	L87283-04F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Manganese	7439-96-5	1	0.026	0.005	mg/L		ICP-W
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.0054	0.0012	mg/L		6020-W-DISS
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Nitrate (as N)		1	0.15	0.01	mg/L		NO3-W
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Miller Outlet	L87283-04C	10/29/2008		11/2/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Miller Outlet	L87283-04B	10/29/2008		10/31/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-dis
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Miller Outlet	L87283-04A	10/29/2008		10/30/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	6.4	1	mg/L		ICP-W-dis
Miller Outlet	L87283-04B	10/29/2008		11/11/2008	Aqueous	Sulfate	14808-79-8	5	23	3.8	mg/L		300.0-W
Miller Outlet	L87283-04A	10/29/2008		10/31/2008	Aqueous	TDS		1	290	20	mg/L		TDS-W
Miller Outlet	L87283-04A	10/29/2008		10/30/2008	Aqueous	TSS		1	18	3	mg/L		TSS-W-2540D
Miller Outlet	L87283-04E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.010	0.0054	mg/L		6020-W-DISS
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	Settleable Solids		1	0.20	0.10	mL/L		SS-W-2540F
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	Total Dissolved Solids		2	240	20	mg/L		TDS-W-2540C
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	Total Suspended Solids	TSS	1	86	3.0	mg/L		TSS-W-2540D
Miller Outlet	1006480-004	6/23/2010		6/30/2010	Aqueous	Chloride	16887-00-6	10	10	1.0	mg/L		300.0-W
Miller Outlet	1006480-004	6/23/2010		6/30/2010	Aqueous	Sulfate	14808-79-8	10	22	7.5	mg/L		300.0-W
Miller Outlet	1006480-004	6/23/2010		6/28/2010	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Outlet	1006480-004	6/23/2010		6/28/2010	Aqueous	Alkalinity (as CaCO3)		2	210	20	mg/L		ALK-W-2320B
Miller Outlet	1006480-004	6/23/2010		6/28/2010	Aqueous	Bicarbonate (as CaCO3)		2	210	20	mg/L		ALK-W-2320B
Miller Outlet	1006480-004	6/23/2010		6/28/2010	Aqueous	Carbonate (as CaCO3)		2	0	10	mg/L		ALK-W-2320B
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0	0.010	mg/L		NO2-W-353.2
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	Nitrate (as N)	14797-55-8	1	0.048	0.010	mg/L		NO3-W-353.2
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	pH @ 25° C		1	8.29	1.00	pH Units	H	PH-4500H+B
Miller Outlet	1006480-004	6/23/2010		6/25/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0	0.050	mg/L		PO4-O-365.1
Miller Outlet	1006480-004	6/23/2010		6/30/2010	Aqueous	Oil & Grease		1	0	3.0	mg/L		OGB-W-1664A
Miller Outlet	1006480-004	6/23/2010	6/28/2010	6/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0.084	0.050	mg/L		NH3-W-350.1
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Aluminum	7429-90-5	1	0	0.10	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Boron	7440-42-8	1	0	0.50	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Calcium	7440-70-2	10	66	10	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0	0.10	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Magnesium	7439-95-4	1	16	1.0	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.020	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Potassium	7440-09-7	1	2.3	1.0	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Sodium	7440-23-5	1	6.5	1.0	mg/L		6010C-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Arsenic	7440-38-2	20	0.00071	0.00060	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Copper	7440-50-8	20	0.0014	0.00080	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Lead	7439-92-1	20	0	0.00040	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Manganese	7439-96-5	20	0.0013	0.0012	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Selenium	7782-49-2	20	0	0.00080	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Zinc	7440-66-6	20	0	0.0050	mg/L		6020-DIS
Miller Outlet	1006480-004	6/23/2010		6/28/2010	Aqueous	Hardness (as CaCO3)		10	230	100	mg/L		HARD-2340B
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	1.4	0.10	mg/L		6010C-W
Miller Outlet	1006480-004	6/23/2010	6/25/2010	6/25/2010	Aqueous	Manganese	7439-96-5	20	0.075	0.0012	mg/L		6020-W
Miller Spring	L84608-05B	6/16/2008		6/20/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Miller Spring	L84608-05B	6/16/2008		6/20/2008	Aqueous	Alkalinity,(As CaCO3)		1	36	20	mg/L		2320B-ALK-W
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Aluminum	7429-90-5	1	3.9	0.1	mg/L		ICP-W-dis
Miller Spring	L84608-05C	6/16/2008	6/20/2008	6/25/2008	Aqueous	Ammonia (as N)		1	0.070	0.05	mg/L		NH3-W
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Arsenic	7440-38-2	20	0.0014	0.0006	mg/L		6020-W-DISS
Miller Spring	L84608-05B	6/16/2008		6/20/2008	Aqueous	Bicarbonate (As CaCO3)		1	36	20	mg/L		2320B-ALK-W
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Calcium	7440-70-2	1	11	1	mg/L		ICP-W-dis
Miller Spring	L84608-05B	6/16/2008		6/20/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Miller Spring	L84608-05B	6/16/2008		6/26/2008	Aqueous	Chloride	16887-00-6	5	4.7	0.5	mg/L		300.0-W
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Copper	7440-50-8	20	0.0062	0.0008	mg/L		6020-W-DISS
Miller Spring	L84608-05F	6/16/2008		6/18/2008	Aqueous Dissolved	Hardness (as CaCO3)	471-34-1	1	38	10	mg/L		HARD
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Iron	7439-89-6	1	1.3	0.05	mg/L		ICP-W-dis
Miller Spring	L84608-05E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Iron	7439-89-6	1	2.7	0.05	mg/L		ICP-W
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Lead	7439-92-1	20	0.0021	0.0004	mg/L		6020-W-DISS

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Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Magnesium	7439-95-4	1	2.7	1	mg/L		ICP-W-dis
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Manganese	7439-96-5	20	0.0060	0.0012	mg/L		6020-W-DISS
Miller Spring	L84608-05E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Manganese	7439-96-5	1	0.012	0.005	mg/L		ICP-W
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Miller Spring	L84608-05B	6/16/2008		6/18/2008	Aqueous	Nitrate (as N)		1	0.011	0.01	mg/L		NO3-W
Miller Spring	L84608-05B	6/16/2008		6/18/2008	Aqueous	Nitrite (as N)		1	0.039	0.01	mg/L		NO2-W
Miller Spring	L84608-05D	6/16/2008		6/18/2008	Aqueous	Oil & Grease		1	5.4	3	mg/L	*	OGB-W
Miller Spring	L84608-05B	6/16/2008		6/18/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.055	0.05	mg/L		PO4-O
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Potassium	7440-09-7	1	1.7	1	mg/L		ICP-W-dis
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Selenium	7782-49-2	20	0.00089	0.0008	mg/L		6020-W-DISS
Miller Spring	L84608-05A	6/16/2008		6/18/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Sodium	7440-23-5	1	15	1	mg/L		ICP-W-dis
Miller Spring	L84608-05B	6/16/2008		6/26/2008	Aqueous	Sulfate	14808-79-8	5	5.9	3.8	mg/L		300.0-W
Miller Spring	L84608-05A	6/16/2008		6/19/2008	Aqueous	TDS		1	200	100	mg/L		TDS-W
Miller Spring	L84608-05A	6/16/2008		6/18/2008	Aqueous	TSS		1	13	3	mg/L		TSS-W-2540D
Miller Spring	L84608-05F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Zinc	7440-66-6	20	0.032	0.0054	mg/L		6020-W-DISS
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Acidity		1	68	15	mg/L		ACIDITY-W
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Alkalinity,(As CaCO3)		1	230	10	mg/L		2320B-ALK-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L65736-04F	5/9/2005	5/11/2005	5/12/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Bicarbonate (As CaCO3)		1	220	10	mg/L		2320B-ALK-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0.1	0.5	mg/L		ICP-W-dis
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	81	10	mg/L		ICP-W-dis
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Carbonate (As CaCO3)		1	11	10	mg/L		2320B-ALK-W
Mud Creek	L65736-04B	5/9/2005		5/18/2005	Aqueous	Chloride	16887-00-6	1	27	10	mg/L		300.0-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0.002	0.004	mg/L		6020-W-DISS
Mud Creek	L65736-04D	5/9/2005		5/20/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	350	10	mg/L		HARD
Mud Creek	L65736-04C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Iron	7439-89-6	1	0.84	0.05	mg/L		ICP-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	10	mg/L		ICP-W-dis
Mud Creek	L65736-04C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Manganese	7439-96-5	1	0.094	0.005	mg/L		6020-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.089	0.005	mg/L		6020-W-DISS
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Nitrate (as N)		1	0.70	0.01	mg/L		NO3-W
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L65736-04E	5/9/2005		5/11/2005	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Mud Creek	L65736-04B	5/9/2005		5/11/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	5.2	1	mg/L		ICP-W-dis
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0.002	0.005	mg/L		6020-W-DISS
Mud Creek	L65736-04A	5/9/2005		5/10/2005	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	37	10	mg/L		ICP-W-dis
Mud Creek	L65736-04B	5/9/2005		5/17/2005	Aqueous	Sulfate	14808-79-8	1	120	100	mg/L		300.0-W
Mud Creek	L65736-04A	5/9/2005		5/10/2005	Aqueous	TDS		1	500	10	mg/L		TDS-W
Mud Creek	L65736-04A	5/9/2005		5/10/2005	Aqueous	TSS		1	52	3	mg/L		TSS-W
Mud Creek	L65736-04D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Mud Creek	L67580-04B	9/6/2005		9/9/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L67580-04B	9/6/2005		9/8/2005	Aqueous	Alkalinity,(As CaCO3)		1	230	10	mg/L		2320B-ALK-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L67580-04F	9/6/2005	9/7/2005	9/8/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L67580-04B	9/6/2005		9/8/2005	Aqueous	Bicarbonate (As CaCO3)		1	230	10	mg/L		2320B-ALK-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	83	10	mg/L		ICP-W-DIS
Mud Creek	L67580-04B	9/6/2005		9/8/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L67580-04B	9/6/2005		9/14/2005	Aqueous	Chloride	16887-00-6	10	17	10	mg/L		300.0-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	410	10	mg/L		HARD
Mud Creek	L67580-04C	9/6/2005	9/8/2005	9/13/2005	Aqueous	Iron	7439-89-6	1	0.15	0.05	mg/L		ICP-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0.066	0.05	mg/L		ICP-W-DIS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	49	10	mg/L		ICP-W-DIS
Mud Creek	L67580-04C	9/6/2005	9/8/2005	9/15/2005	Aqueous	Manganese	7439-96-5	1	0.023	0.005	mg/L		6020-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.020	0.005	mg/L		6020-W-DISS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L67580-04B	9/6/2005		8/7/2005	Aqueous	Nitrate (as N)		1	0.22	0.01	mg/L		NO3-W
Mud Creek	L67580-04B	9/6/2005		9/7/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L67580-04E	9/6/2005		9/7/2005	Aqueous	Oil & Grease		1	4.8	3	mg/L		OGB-W
Mud Creek	L67580-04B	9/6/2005		9/8/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.06	mg/L		PO4-O
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	7.3	1	mg/L		ICP-W-DIS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L67580-04A	9/6/2005		9/7/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	34	10	mg/L		ICP-W-DIS
Mud Creek	L67580-04B	9/6/2005		9/14/2005	Aqueous	Sulfate	14808-79-8	10	250	100	mg/L		300.0-W
Mud Creek	L67580-04A	9/6/2005		9/7/2005	Aqueous	TSS		1	8.0	3	mg/L		TSS-W
Mud Creek	L67580-04D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Mud Creek	L68520-04B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L68520-04F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0.077	0.05	mg/L		NH3-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	260	10	mg/L		2320B-ALK-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	92	5	mg/L		ICP-W-DIS
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	33	10	mg/L		2320B-ALK-W

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Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L68520-04B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	15	5	mg/L		CL-W-LAT
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	460	10	mg/L		HARD
Mud Creek	L68520-04C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	0.24	0.05	mg/L		ICP-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	56	1	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.024	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		6020-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.35	0.01	mg/L		NO3-W
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L68520-04E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	9.4	1	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	51	5	mg/L		ICP-W-DIS
Mud Creek	L68520-04B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	250	5	mg/L		SO4-W
Mud Creek	L68520-04A	10/31/2005		11/1/2005	Aqueous	TDS		1	720	10	mg/L		TDS-W
Mud Creek	L68520-04A	10/31/2005		11/1/2005	Aqueous	TSS		1	10	3	mg/L		TSS-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.024	0.01	mg/L		6020-W-DISS
Mud Creek	L68520-04B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	300	10	mg/L		2320B-ALK-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L68520-04F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0.077	0.05	mg/L		NH3-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	260	10	mg/L		2320B-ALK-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	92	5	mg/L		ICP-W-DIS
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	33	10	mg/L		2320B-ALK-W
Mud Creek	L68520-04B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	15	5	mg/L		CL-W-LAT
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	460	10	mg/L		HARD
Mud Creek	L68520-04C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	0.24	0.05	mg/L		ICP-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	56	1	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.024	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		6020-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.35	0.01	mg/L		NO3-W
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L68520-04E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L68520-04B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	9.4	1	mg/L		ICP-W-DIS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68520-04A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	51	5	mg/L		ICP-W-DIS
Mud Creek	L68520-04B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	250	5	mg/L		SO4-W
Mud Creek	L68520-04A	10/31/2005		11/1/2005	Aqueous	TDS		1	720	10	mg/L		TDS-W
Mud Creek	L68520-04A	10/31/2005		11/1/2005	Aqueous	TSS		1	10	3	mg/L		TSS-W
Mud Creek	L68520-04D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.024	0.01	mg/L		6020-W-DISS
Mud Creek	L68977-03C	11/28/2005		12/1/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L68977-03C	11/28/2005		11/29/2005	Aqueous	Alkalinity,(As CaCO3)		1	270	10	mg/L		2320B-ALK-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L68977-03F	11/28/2005	12/6/2005	12/7/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68977-03C	11/28/2005		11/29/2005	Aqueous	Bicarbonate (As CaCO3)		1	250	10	mg/L		2320B-ALK-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	98	5	mg/L		ICP-W-DIS
Mud Creek	L68977-03C	11/28/2005		11/29/2005	Aqueous	Carbonate (As CaCO3)		1	24	10	mg/L		2320B-ALK-W
Mud Creek	L68977-03C	11/28/2005		12/3/2005	Aqueous	Chloride	16887-00-6	10	15	10	mg/L		300.0-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	490	10	mg/L		HARD
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L68977-03E	11/28/2005	11/30/2005	12/6/2005	Aqueous	Iron	7439-89-6	1	0.25	0.05	mg/L		ICP-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	59	1	mg/L		ICP-W-DIS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.022	0.005	mg/L		6020-W-DISS
Mud Creek	L68977-03E	11/28/2005	11/30/2005	12/2/2005	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		6020-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L68977-03C	11/28/2005		11/29/2005	Aqueous	Nitrate (as N)		1	0.40	0.01	mg/L		NO3-W
Mud Creek	L68977-03C	11/28/2005		11/29/2005	Aqueous	Nitrite (as N)		1	0.013	0.01	mg/L		NO2-W
Mud Creek	L68977-03G	11/28/2005		11/30/2005	Aqueous	Oil & Grease		1	4.1	3	mg/L		OGB-W
Mud Creek	L68977-03C	11/28/2005		11/29/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	9.2	1	mg/L		ICP-W-DIS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L68977-03A	11/28/2005		11/29/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	53	5	mg/L		ICP-W-DIS
Mud Creek	L68977-03C	11/28/2005		12/3/2005	Aqueous	Sulfate	14808-79-8	100	260	100	mg/L		300.0-W
Mud Creek	L68977-03B	11/28/2005		12/2/2005	Aqueous	TDS		1	700	10	mg/L		TDS-W
Mud Creek	L68977-03A	11/28/2005		11/29/2005	Aqueous	TSS		1	23	3	mg/L		TSS-W
Mud Creek	L68977-03D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.015	0.01	mg/L		6020-W-DISS
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Alkalinity,(As CaCO3)		1	250	10	mg/L		2320B-ALK-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L69428-01E	12/22/2005	12/23/2005	12/28/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L	¹	NH3-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Arsenic	7440-38-2	2	0	0.005	mg/L		6020-W-DISS
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Bicarbonate (As CaCO3)		1	250	10	mg/L		2320B-ALK-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Cadmium	7440-43-9	2	0	0.004	mg/L		6020-W-DISS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	91	10	mg/L	²	ICP-W-DIS
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L69428-01B	12/22/2005		12/28/2005	Aqueous	Chloride	16887-00-6	10	17	10	mg/L		300.0-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Copper	7440-50-8	2	0	0.004	mg/L		6020-W-DISS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	430	10	mg/L		HARD
Mud Creek	L69428-01D	12/22/2005	12/23/2005	12/27/2005	Aqueous	Iron	7439-89-6	1	0.28	0.05	mg/L		ICP-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Lead	7439-92-1	2	0	0.005	mg/L		6020-W-DISS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	50	1	mg/L		ICP-W-DIS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Manganese	7439-96-5	2	0.021	0.005	mg/L		6020-W-DISS
Mud Creek	L69428-01D	12/22/2005	12/23/2005	12/28/2005	Aqueous	Manganese	7439-96-5	1	0.028	0.005	mg/L		6020-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Nitrate (as N)		1	0.28	0.01	mg/L	¹	NO3-W
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	¹	NO2-W
Mud Creek	L69428-01F	12/22/2005		12/28/2005	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Mud Creek	L69428-01B	12/22/2005		12/23/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	¹@	PO4-O
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	7.6	1	mg/L		ICP-W-DIS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Selenium	7782-49-2	2	0	0.005	mg/L		6020-W-DISS
Mud Creek	L69428-01A	12/22/2005		12/23/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	35	1	mg/L		ICP-W-DIS
Mud Creek	L69428-01B	12/22/2005		12/28/2005	Aqueous	Sulfate	14808-79-8	100	190	100	mg/L		300.0-W
Mud Creek	L69428-01A	12/22/2005		12/23/2005	Aqueous	TDS		1	600	10	mg/L		TDS-W
Mud Creek	L69428-01A	12/22/2005		12/23/2005	Aqueous	TSS		1	13	3	mg/L		TSS-W
Mud Creek	L69428-01C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Zinc	7440-66-6	2	0	0.01	mg/L		6020-W-DISS
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Alkalinity,(As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L69847-04C	1/23/2006	1/31/2006	2/1/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0.053	0.004	mg/L	¹	6020-W-DISS
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	100	10	mg/L		ICP-W-DIS
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L69847-04B	1/23/2006		1/27/2006	Aqueous	Chloride	16887-00-6	1	16	5	mg/L		300.0-W
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0070	0.004	mg/L		6020-W-DISS
Mud Creek	L69847-04F	1/23/2006		1/27/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	480	10	mg/L		HARD
Mud Creek	L69847-04E	1/23/2006	1/24/2006	1/27/2006	Aqueous	Iron	7439-89-6	1	0.11	0.05	mg/L		ICP-W
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	58	10	mg/L		ICP-W-DIS
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.037	0.005	mg/L		6020-W-DISS
Mud Creek	L69847-04E	1/23/2006	1/24/2006	1/30/2006	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		6020-W
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Nitrate (as N)		1	0.44	0.01	mg/L		NO3-W
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L69847-04D	1/23/2006		1/24/2006	Aqueous	Oil & Grease		1	4.8	3	mg/L		OGB-W
Mud Creek	L69847-04B	1/23/2006		1/24/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	9.1	1	mg/L		ICP-W-DIS
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0.033	0.005	mg/L		6020-W-DISS
Mud Creek	L69847-04A	1/23/2006		1/24/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L69847-04F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	50	1	mg/L		ICP-W-DIS
Mud Creek	L69847-04B	1/23/2006		1/27/2006	Aqueous	Sulfate	14808-79-8	1	290	50	mg/L		300.0-W
Mud Creek	L69847-04A	1/23/2006		1/24/2006	Aqueous	TDS		1	720	10	mg/L		TDS-W
Mud Creek	L69847-04A	1/23/2006		1/24/2006	Aqueous	TSS		1	4.0	3	mg/L	*	TSS-W
Mud Creek	L69847-04F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.063	0.01	mg/L		6020-W-DISS
Mud Creek	L70355-02A	2/26/2006		2/28/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L70355-02A	2/26/2006		2/28/2006	Aqueous	Alkalinity,(As CaCO3)		1	260	10	mg/L		2320B-ALK-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L70355-02C	2/26/2006	3/2/2006	3/2/2006	Aqueous	Ammonia (as N)		1	0.57	0.05	mg/L		NH3-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L70355-02A	2/26/2006		2/28/2006	Aqueous	Bicarbonate (As CaCO3)		1	260	10	mg/L		2320B-ALK-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	97	10	mg/L		ICP-W-DIS
Mud Creek	L70355-02A	2/26/2006		2/28/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L70355-02A	2/26/2006		3/1/2006	Aqueous	Chloride	16887-00-6	5	22	5	mg/L		300.0-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L70355-02F	2/26/2006		3/7/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	470	10	mg/L		HARD
Mud Creek	L70355-02E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Iron	7439-89-6	1	0.25	0.05	mg/L		ICP-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	55	1	mg/L		ICP-W-DIS
Mud Creek	L70355-02E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Manganese	7439-96-5	1	0.031	0.005	mg/L		ICP-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.028	0.005	mg/L		6020-W-DISS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L70355-02A	2/26/2006		2/27/2006	Aqueous	Nitrate (as N)		1	0.38	0.01	mg/L		NO3-W
Mud Creek	L70355-02A	2/26/2006		2/27/2006	Aqueous	Nitrite (as N)		1	0.018	0.01	mg/L		NO2-W
Mud Creek	L70355-02D	2/26/2006		2/27/2006	Aqueous	Oil & Grease		1	5.1	3	mg/L		OGB-W
Mud Creek	L70355-02A	2/26/2006		2/27/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	9.3	1	mg/L		ICP-W-DIS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L70355-02B	2/26/2006		2/27/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	56	1	mg/L		ICP-W-DIS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L70355-02A	2/26/2006		3/1/2006	Aqueous	Sulfate	14808-79-8	50	250	50	mg/L		300.0-W
Mud Creek	L70355-02B	2/26/2006		3/3/2006	Aqueous	TDS		1	570	10	mg/L		TDS-W
Mud Creek	L70355-02B	2/26/2006		2/28/2006	Aqueous	TSS		1	10	3	mg/L		TSS-W
Mud Creek	L70355-02F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.16	0.01	mg/L		6020-W-DISS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	88	10	mg/L		ICP-W-DIS
Mud Creek	L70885-02B	3/27/2006		3/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L70885-02B	3/27/2006		3/29/2006	Aqueous	Chloride	16887-00-6	10	34	10	mg/L		300.0-W
Mud Creek	L70885-02B	3/27/2006		3/30/2006	Aqueous	Conductivity		1	1000	2	µmhos/cm		COND-W
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L70885-02E	3/27/2006		4/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	440	10	mg/L		HARD
Mud Creek	L70885-02D	3/27/2006	4/6/2006	4/9/2006	Aqueous	Iron	7439-89-6	1	0.47	0.05	mg/L		ICP-W
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	54	1	mg/L		ICP-W-DIS
Mud Creek	L70885-02D	3/27/2006	4/3/2006	4/4/2006	Aqueous	Manganese	7439-96-5	1	0.042	0.005	mg/L		ICP-W
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.025	0.005	mg/L		6020-W-DISS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L70885-02B	3/27/2006		3/29/2006	Aqueous	Nitrate (as N)		1	0.44	0.01	mg/L		NO3-W
Mud Creek	L70885-02B	3/27/2006		3/29/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L70885-02F	3/27/2006		3/28/2006	Aqueous	Oil & Grease		1	4.1	3	mg/L		OGB-W
Mud Creek	L70885-02B	3/27/2006		3/28/2006	Aqueous	pH @ 25° C		1	8.18	0	pH Units		PH-W
Mud Creek	L70885-02B	3/27/2006		3/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	9.7	1	mg/L		ICP-W-DIS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L70885-02A	3/27/2006		3/28/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Sodium	7440-23-5	10	57	10	mg/L		ICP-W-DIS
Mud Creek	L70885-02B	3/27/2006		3/29/2006	Aqueous	Sulfate	14808-79-8	100	250	100	mg/L		300.0-W
Mud Creek	L70885-02A	3/27/2006		3/31/2006	Aqueous	TDS		1	510	10	mg/L		TDS-W
Mud Creek	L70885-02A	3/27/2006		3/28/2006	Aqueous	TSS		1	28	3	mg/L		TSS-W
Mud Creek	L70885-02E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.026	0.01	mg/L		6020-W-DISS
Mud Creek	L71507-04B	4/26/2006		5/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L71507-04B	4/26/2006		5/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L71507-04C	4/26/2006	5/3/2006	5/3/2006	Aqueous	Ammonia (as N)		1	0.11	0.05	mg/L		NH3-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L71507-04B	4/26/2006		5/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	280	10	mg/L		2320B-ALK-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	76	10	mg/L		ICP-W-dis
Mud Creek	L71507-04B	4/26/2006		5/2/2006	Aqueous	Carbonate (As CaCO3)		1	7	10	mg/L		2320B-ALK-W
Mud Creek	L71507-04B	4/26/2006		5/12/2006	Aqueous	Chloride	16887-00-6	1	30	10	mg/L		300.0-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L71507-04E	4/26/2006		5/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Mud Creek	L71507-04D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Iron	7439-89-6	1	2.7	0.05	mg/L		ICP-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	30	10	mg/L		ICP-W-dis
Mud Creek	L71507-04D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Manganese	7439-96-5	1	0.15	0.005	mg/L		ICP-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.022	0.005	mg/L		6020-W-DISS
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L71507-04C	4/26/2006		5/4/2006	Aqueous	Nitrate/Nitrite (as N)		1	0.36	0.01	mg/L		NO2/NO3-W
Mud Creek	L71507-04F	4/26/2006		5/5/2006	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
Mud Creek	L71507-04B	4/26/2006		4/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.04	0.05	mg/L		PO4-O
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	3.8	1	mg/L		ICP-W-dis
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L71507-04A	4/26/2006		4/28/2006	Aqueous	Settable Solids		1	0.60	0.1	ml/L		SS
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	10	48	10	mg/L		ICP-W-dis
Mud Creek	L71507-04B	4/26/2006		5/12/2006	Aqueous	Sulfate	14808-79-8	1	88	10	mg/L		300.0-W
Mud Creek	L71507-04A	4/26/2006		4/28/2006	Aqueous	TDS		1	410	10	mg/L		TDS-W
Mud Creek	L71507-04A	4/26/2006		4/28/2006	Aqueous	TSS		1	270	3	mg/L		TSS-W
Mud Creek	L71507-04E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.023	0.01	mg/L		6020-W-DISS
Mud Creek	L72071-04B	5/25/2006		5/30/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L72071-04B	5/25/2006		5/30/2006	Aqueous	Alkalinity,(As CaCO3)		1	160	10	mg/L		2320B-ALK-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L72071-04C	5/25/2006	5/30/2006	5/31/2006	Aqueous	Ammonia (as N)		1	0.061	0.05	mg/L		NH3-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L72071-04B	5/25/2006		5/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	150	10	mg/L		2320B-ALK-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	48	10	mg/L		ICP-W-DIS
Mud Creek	L72071-04B	5/25/2006		5/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L72071-04B	5/25/2006		6/1/2006	Aqueous	Chloride	16887-00-6	1	10	10	mg/L		300.0-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L72071-04E	5/25/2006		6/9/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	120	10	mg/L		HARD
Mud Creek	L72071-04D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	2.5	0.05	mg/L		ICP-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0.052	0.05	mg/L		ICP-W-DIS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	14	10	mg/L		ICP-W-DIS
Mud Creek	L72071-04D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Manganese	7439-96-5	1	0.096	0.005	mg/L		ICP-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.012	0.005	mg/L		6020-W-DISS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L72071-04B	5/25/2006		5/26/2006	Aqueous	Nitrate (as N)		1	0.74	0.01	mg/L		NO3-W
Mud Creek	L72071-04B	5/25/2006		5/26/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L72071-04F	5/25/2006		5/30/2006	Aqueous	Oil & Grease		1	3.2	3	mg/L		OGB-W
Mud Creek	L72071-04B	5/25/2006		5/26/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-DIS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L72071-04A	5/25/2006		5/26/2006	Aqueous	Settable Solids		1	0.50	0.1	ml/L		SS
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	18	10	mg/L		ICP-W-DIS
Mud Creek	L72071-04B	5/25/2006		6/1/2006	Aqueous	Sulfate	14808-79-8	1	42	10	mg/L		300.0-W
Mud Creek	L72071-04A	5/25/2006		5/26/2006	Aqueous	TDS		1	230	10	mg/L		TDS-W
Mud Creek	L72071-04A	5/25/2006		5/26/2006	Aqueous	TSS		1	320	3	mg/L		TSS-W
Mud Creek	L72071-04E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.014	0.01	mg/L		6020-W-DISS
Mud Creek	L72660-04B	6/29/2006		7/3/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L72660-04B	6/29/2006		7/3/2006	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L72660-04C	6/29/2006	7/5/2006	7/7/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L72660-04B	6/29/2006		7/3/2006	Aqueous	Bicarbonate (As CaCO3)		1	180	20	mg/L		2320B-ALK-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	71	10	mg/L		ICP-W-DIS
Mud Creek	L72660-04B	6/29/2006		7/3/2006	Aqueous	Carbonate (As CaCO3)		1	55	20	mg/L		2320B-ALK-W
Mud Creek	L72660-04B	6/29/2006		7/5/2006	Aqueous	Chloride	16887-00-6	1	14	10	mg/L		300.0-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L72660-04E	6/29/2006		7/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Mud Creek	L72660-04D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Iron	7439-89-6	1	0.25	0.05	mg/L		ICP-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	39	10	mg/L		ICP-W-DIS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.019	0.005	mg/L		6020-W-DISS
Mud Creek	L72660-04D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L72660-04B	6/29/2006		6/30/2006	Aqueous	Nitrate (as N)		1	0.22	0.01	mg/L		NO3-W
Mud Creek	L72660-04B	6/29/2006		6/30/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L72660-04F	6/29/2006		6/30/2006	Aqueous	Oil & Grease		1	4.4	3	mg/L		OGB-W
Mud Creek	L72660-04B	6/29/2006		6/30/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	6.0	1	mg/L		ICP-W-DIS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L72660-04A	6/29/2006		6/30/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	28	1	mg/L		ICP-W-DIS
Mud Creek	L72660-04B	6/29/2006		7/5/2006	Aqueous	Sulfate	14808-79-8	1	160	100	mg/L		300.0-W
Mud Creek	L72660-04A	6/29/2006		6/30/2006	Aqueous	TDS		1	380	20	mg/L		TDS-W
Mud Creek	L72660-04A	6/29/2006		6/30/2006	Aqueous	TSS		1	21	3	mg/L		TSS-W
Mud Creek	L72660-04E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L73160-03C	7/31/2006	8/2/2006	8/4/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	70	10	mg/L		ICP-W-DIS
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Carbonate (As CaCO3)		1	10	20	mg/L		2320B-ALK-W
Mud Creek	L73160-03B	7/31/2006		8/8/2006	Aqueous	Chloride	16887-00-6	1	63	10	mg/L		300.0-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L73160-03E	7/31/2006		8/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L73160-03D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Iron	7439-89-6	1	0.24	0.05	mg/L		ICP-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	38	1	mg/L		ICP-W-DIS
Mud Creek	L73160-03D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		ICP-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.019	0.005	mg/L		6020-W-DISS
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Nitrate (as N)		1	0.14	0.01	mg/L		NO3-W
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L73160-03F	7/31/2006		8/8/2006	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L73160-03B	7/31/2006		8/2/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	6.1	1	mg/L		ICP-W-DIS
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L73160-03A	7/31/2006		8/2/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	27	1	mg/L		ICP-W-DIS
Mud Creek	L73160-03B	7/31/2006		8/8/2006	Aqueous	Sulfate	14808-79-8	1	160	100	mg/L		300.0-W
Mud Creek	L73160-03A	7/31/2006		8/3/2006	Aqueous	TDS		1	380	20	mg/L		TDS-W
Mud Creek	L73160-03A	7/31/2006		8/2/2006	Aqueous	TSS		1	11	3	mg/L		TSS-W
Mud Creek	L73160-03E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.019	0.01	mg/L		6020-W-DISS
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L73504-03C	8/21/2006	8/23/2006	8/24/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	74	10	mg/L		ICP-W-DIS
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Carbonate (As CaCO3)		1	14	10	mg/L		2320B-ALK-W
Mud Creek	L73504-03B	8/21/2006		8/24/2006	Aqueous	Chloride	16887-00-6	1	22	10	mg/L		300.0-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L73504-03E	8/21/2006		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L73504-03D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Iron	7439-89-6	1	0.24	0.05	mg/L		ICP-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	42	10	mg/L		ICP-W-DIS
Mud Creek	L73504-03D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Manganese	7439-96-5	1	0.028	0.005	mg/L		ICP-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Manganese	7439-96-5	5	0.016	0.005	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Nitrate (as N)		1	0.16	0.01	mg/L		NO3-W
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L73504-03F	8/21/2006		8/23/2006	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
Mud Creek	L73504-03B	8/21/2006		8/23/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	7.6	1	mg/L		ICP-W-DIS
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L73504-03A	8/21/2006		8/23/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L73504-03E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	37	1	mg/L		ICP-W-DIS
Mud Creek	L73504-03B	8/21/2006		8/28/2006	Aqueous	Sulfate	14808-79-8	1	130	1	mg/L		300.0-W
Mud Creek	L73504-03A	8/21/2006		8/25/2006	Aqueous	TDS		1	420	20	mg/L		TDS-W
Mud Creek	L73504-03A	8/21/2006		8/23/2006	Aqueous	TSS		1	9.0	3	mg/L		TSS-W
Mud Creek	L73504-03E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L74688-01C	10/30/2006	11/1/2006	11/3/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L	'	NH3-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Bicarbonate (As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	67	10	mg/L	2 *	ICP-W-DIS
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Carbonate (As CaCO3)		1	28	20	mg/L		2320B-ALK-W
Mud Creek	L74688-01B	10/30/2006		11/9/2006	Aqueous	Chloride	16887-00-6	1	17	10	mg/L		300.0-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L74688-01F	10/30/2006		11/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	340	10	mg/L		HARD
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Mud Creek	L74688-01E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Iron	7439-89-6	1	0.34	0.05	mg/L		ICP-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	42	10	mg/L	*	ICP-W-DIS
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.019	0.005	mg/L		6020-W-DISS
Mud Creek	L74688-01E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Manganese	7439-96-5	1	0.031	0.005	mg/L		ICP-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Nitrate (as N)		1	0.13	0.01	mg/L	'	NO3-W
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L74688-01D	10/30/2006		11/1/2006	Aqueous	Oil & Grease		1	3.3	3	mg/L		OGB-W
Mud Creek	L74688-01B	10/30/2006		11/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	6.9	1	mg/L		ICP-W-DIS
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L74688-01A	10/30/2006		11/1/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	36	1	mg/L	'	ICP-W-DIS
Mud Creek	L74688-01B	10/30/2006		11/9/2006	Aqueous	Sulfate	14808-79-8	1	160	100	mg/L		300.0-W
Mud Creek	L74688-01A	10/30/2006		11/1/2006	Aqueous	TDS		1	460	20	mg/L		TDS-W
Mud Creek	L74688-01A	10/30/2006		11/1/2006	Aqueous	TSS		1	14	3	mg/L		TSS-W
Mud Creek	L74688-01F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.020	0.01	mg/L		6020-W-DISS
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L75142-01C	11/27/2006	11/30/2006	12/1/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	89	10	mg/L	*	ICP-W-DIS
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Carbonate (As CaCO3)		1	31	20	mg/L		2320B-ALK-W
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Chloride	16887-00-6	1	15	10	mg/L		300.0-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L75142-01F	11/27/2006		12/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	400	10	mg/L		HARD
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L75142-01E	11/27/2006	11/29/2006	12/11/2006	Aqueous	Iron	7439-89-6	1	0.30	0.05	mg/L		ICP-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	44	1	mg/L		ICP-W-dis
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.023	0.005	mg/L		6020-W-DISS
Mud Creek	L75142-01E	11/27/2006	11/29/2006	12/11/2006	Aqueous	Manganese	7439-96-5	1	0.026	0.005	mg/L		ICP-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Nitrate (as N)		1	0.26	0.01	mg/L	'@	NO3-W
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	'@	NO2-W
Mud Creek	L75142-01D	11/27/2006		11/29/2006	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	7.6	1	mg/L		ICP-W-dis
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L75142-01F	11/27/2006	11/29/2006	12/13/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	42	1	mg/L		ICP-W-dis
Mud Creek	L75142-01B	11/27/2006		11/29/2006	Aqueous	Sulfate	14808-79-8	1	160	100	mg/L		300.0-W
Mud Creek	L75142-01A	11/27/2006		12/1/2006	Aqueous	TDS		1	490	20	mg/L		TDS-W
Mud Creek	L75142-01A	11/27/2006		11/29/2006	Aqueous	TSS		1	13	3	mg/L		TSS-W
Mud Creek	L75142-01F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Mud Creek	L75586-01B	12/26/2006		1/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L75586-01B	12/26/2006		1/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L75586-01C	12/26/2006	12/28/2006	12/29/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L75586-01B	12/26/2006		1/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	76	10	mg/L	*	ICP-W-dis
Mud Creek	L75586-01B	12/26/2006		1/2/2007	Aqueous	Carbonate (As CaCO3)		1	21	20	mg/L		2320B-ALK-W
Mud Creek	L75586-01B	12/26/2006		1/2/2007	Aqueous	Chloride	16887-00-6	1	16	5	mg/L		300.0-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Mud Creek	L75586-01F	12/26/2006		1/5/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L75586-01E	12/26/2006	1/2/2007	1/3/2007	Aqueous	Iron	7439-89-6	1	0.58	0.05	mg/L		ICP-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	44	10	mg/L	*	ICP-W-dis
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0.016	0.005	mg/L		6020-W-DISS
Mud Creek	L75586-01E	12/26/2006	1/2/2007	1/3/2007	Aqueous	Manganese	7439-96-5	1	0.040	0.005	mg/L		ICP-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L75586-01B	12/26/2006		12/28/2006	Aqueous	Nitrate (as N)		1	0.30	0.01	mg/L	'	NO3-W
Mud Creek	L75586-01B	12/26/2006		12/28/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	'	NO2-W
Mud Creek	L75586-01D	12/26/2006		12/29/2006	Aqueous	Oil & Grease		1	3.5	3	mg/L		OGB-W
Mud Creek	L75586-01B	12/26/2006		12/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	'	PO4-O
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	7.6	1	mg/L		ICP-W-dis
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L75586-01A	12/26/2006		12/28/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	45	10	mg/L	*	ICP-W-dis
Mud Creek	L75586-01B	12/26/2006		1/2/2007	Aqueous	Sulfate	14808-79-8	1	150	50	mg/L	'	300.0-W
Mud Creek	L75586-01A	12/26/2006		12/29/2006	Aqueous	TDS		1	490	20	mg/L		TDS-W
Mud Creek	L75586-01A	12/26/2006		12/28/2006	Aqueous	TSS		1	33	3	mg/L		TSS-W
Mud Creek	L75586-01F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0	0.01	mg/L		6020-W-DISS
Mud Creek	L76053-01B	1/31/2007		2/5/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L76053-01B	1/31/2007		2/5/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L76053-01C	1/31/2007	2/2/2007	2/5/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76053-01B	1/31/2007		2/5/2007	Aqueous	Bicarbonate (As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	72	10	mg/L	*	ICP-W-dis
Mud Creek	L76053-01B	1/31/2007		2/5/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Mud Creek	L76053-01B	1/31/2007		2/2/2007	Aqueous	Chloride	16887-00-6	1	15	5	mg/L		300.0-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Mud Creek	L76053-01F	1/31/2007		2/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	350	10	mg/L		HARD
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L76053-01E	1/31/2007	2/2/2007	2/7/2007	Aqueous	Iron	7439-89-6	1	0.43	0.05	mg/L		ICP-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	41	1	mg/L		ICP-W-dis
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0.013	0.005	mg/L		6020-W-DISS
Mud Creek	L76053-01E	1/31/2007	2/2/2007	2/7/2007	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L76053-01B	1/31/2007		2/2/2007	Aqueous	Nitrate (as N)		1	0.27	0.01	mg/L	' @	NO3-W
Mud Creek	L76053-01B	1/31/2007		2/2/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L76053-01D	1/31/2007		2/9/2007	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Mud Creek	L76053-01B	1/31/2007		2/2/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	'	PO4-O
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	7.1	1	mg/L		ICP-W-dis
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76053-01A	1/31/2007		2/2/2007	Aqueous	Settable Solids		1	0.15	0.1	ml/L		SS
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	28	1	mg/L		ICP-W-dis
Mud Creek	L76053-01B	1/31/2007		2/2/2007	Aqueous	Sulfate	14808-79-8	1	120	50	mg/L		300.0-W
Mud Creek	L76053-01A	1/31/2007		2/2/2007	Aqueous	TDS		1	420	20	mg/L		TDS-W
Mud Creek	L76053-01A	1/31/2007		2/2/2007	Aqueous	TSS		1	30	3	mg/L		TSS-W
Mud Creek	L76053-01F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0	0.01	mg/L		6020-W-DISS
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L76314-01C	2/19/2007	2/21/2007	2/22/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Bicarbonate (As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	77	10	mg/L	*	ICP-W-dis
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Chloride	16887-00-6	1	18	5	mg/L		300.0-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Mud Creek	L76314-01F	2/19/2007		2/26/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Mud Creek	L76314-01E	2/19/2007	2/21/2007	2/23/2007	Aqueous	Iron	7439-89-6	1	0.29	0.05	mg/L		ICP-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	40	1	mg/L		ICP-W-dis
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76314-01E	2/19/2007	2/21/2007	2/23/2007	Aqueous	Manganese	7439-96-5	1	0.026	0.005	mg/L		ICP-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Nitrate (as N)		1	0.30	0.01	mg/L		NO3-W
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L76314-01D	2/19/2007		2/27/2007	Aqueous	Oil & Grease		1	3.7	3	mg/L		OGB-W
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	6.9	1	mg/L		ICP-W-dis
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	38	1	mg/L		ICP-W-dis
Mud Creek	L76314-01B	2/19/2007		2/21/2007	Aqueous	Sulfate	14808-79-8	1	150	50	mg/L		300.0-W
Mud Creek	L76314-01A	2/19/2007	---	2/22/2007	Aqueous	TDS		1	440	10	mg/L		TDS-W
Mud Creek	L76314-01A	2/19/2007		2/21/2007	Aqueous	TSS		1	14	3	mg/L		TSS-W
Mud Creek	L76314-01F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0.015	0.01	mg/L		6020-W-DISS
Mud Creek	L76981-01B	3/29/2007		4/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L76981-01B	3/29/2007		4/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L76981-01C	3/29/2007	3/30/2007	4/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76981-01B	3/29/2007		4/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	240	20	mg/L		2320B-ALK-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis

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Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	69	10	mg/L	2*	ICP-W-dis
Mud Creek	L76981-01B	3/29/2007		4/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L76981-01B	3/29/2007		3/31/2007	Aqueous	Chloride	16887-00-6	20	24	20	mg/L		300.0-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L76981-01F	3/29/2007		4/11/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Mud Creek	L76981-01E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Iron	7439-89-6	1	0.80	0.05	mg/L		ICP-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Mud Creek	L76981-01E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Manganese	7439-96-5	1	0.068	0.005	mg/L		ICP-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.039	0.005	mg/L		6020-W-DISS
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L76981-01B	3/29/2007		3/30/2007	Aqueous	Nitrate (as N)		1	0.34	0.01	mg/L		NO3-W
Mud Creek	L76981-01B	3/29/2007		3/30/2007	Aqueous	Nitrate/Nitrite (as N)		1	0.34	0.01	mg/L		NO2/NO3-W
Mud Creek	L76981-01B	3/29/2007		3/30/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	'@	NO2-W
Mud Creek	L76981-01D	3/29/2007		3/30/2007	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L76981-01B	3/29/2007		3/30/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.069	0.05	mg/L		PO4-O
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	6.3	1	mg/L		ICP-W-dis
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	32	1	mg/L		ICP-W-dis
Mud Creek	L76981-01B	3/29/2007		3/31/2007	Aqueous	Sulfate	14808-79-8	20	120	20	mg/L		300.0-W
Mud Creek	L76981-01A	3/29/2007		3/30/2007	Aqueous	TDS		1	380	20	mg/L		TDS-W
Mud Creek	L76981-01A	3/29/2007		3/30/2007	Aqueous	TSS		1	36	3	mg/L		TSS-W
Mud Creek	L76981-01F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Mud Creek	L77519-01B	4/25/2007		4/30/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Mud Creek	L77519-01B	4/25/2007		4/30/2007	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L77519-01C	4/25/2007	5/1/2007	5/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L77519-01B	4/25/2007		4/30/2007	Aqueous	Bicarbonate (As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	63	10	mg/L	*	ICP-W-dis
Mud Creek	L77519-01B	4/25/2007		4/30/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Mud Creek	L77519-01B	4/25/2007		4/29/2007	Aqueous	Chloride	16887-00-6	5	24	5	mg/L		300.0-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Mud Creek	L77519-01F	4/25/2007		5/9/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	300	10	mg/L		HARD
Mud Creek	L77519-01E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Iron	7439-89-6	1	0.53	0.05	mg/L		ICP-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	33	1	mg/L		ICP-W-dis
Mud Creek	L77519-01E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Manganese	7439-96-5	1	0.043	0.005	mg/L		ICP-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.016	0.005	mg/L		6020-W-DISS
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L77519-01B	4/25/2007		4/27/2007	Aqueous	Nitrate (as N)		1	0.19	0.01	mg/L		NO3-W
Mud Creek	L77519-01B	4/25/2007		4/27/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L77519-01D	4/25/2007		5/3/2007	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Mud Creek	L77519-01B	4/25/2007		4/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	5.3	1	mg/L		ICP-W-dis
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	40	1	mg/L		ICP-W-dis
Mud Creek	L77519-01B	4/25/2007		4/29/2007	Aqueous	Sulfate	14808-79-8	50	120	50	mg/L		300.0-W
Mud Creek	L77519-01A	4/25/2007		4/30/2007	Aqueous	TDS		1	360	20	mg/L		TDS-W
Mud Creek	L77519-01A	4/25/2007		4/27/2007	Aqueous	TSS		1	30	3	mg/L		TSS-W
Mud Creek	L77519-01F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Mud Creek	L78061-03B	5/29/2007		6/4/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L78061-03B	5/29/2007		6/4/2007	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L78061-03C	5/29/2007	6/1/2007	6/6/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L78061-03B	5/29/2007		6/4/2007	Aqueous	Bicarbonate (As CaCO3)		1	210	20	mg/L		2320B-ALK-W
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	69	10	mg/L	*	ICP-W-dis
Mud Creek	L78061-03B	5/29/2007		6/4/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L78061-03B	5/29/2007		5/31/2007	Aqueous	Chloride	16887-00-6	5	13	5	mg/L		300.0-W
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L78061-03F	5/29/2007		6/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	290	10	mg/L		HARD
Mud Creek	L78061-03E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Iron	7439-89-6	1	0.47	0.05	mg/L		ICP-W
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	29	1	mg/L		ICP-W-dis
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.012	0.005	mg/L		6020-W-DISS
Mud Creek	L78061-03E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Manganese	7439-96-5	1	0.032	0.005	mg/L		ICP-W
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L78061-03B	5/29/2007		5/30/2007	Aqueous	Nitrate (as N)		1	0.57	0.01	mg/L		NO3-W
Mud Creek	L78061-03B	5/29/2007		5/30/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L78061-03D	5/29/2007		6/1/2007	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
Mud Creek	L78061-03B	5/29/2007		5/31/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	3.8	1	mg/L		ICP-W-dis
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L78061-03A	5/29/2007		5/30/2007	Aqueous	Settleable Solids		1	0.10	0.1	ml/L		SS-W-2540F
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	27	1	mg/L		ICP-W-dis
Mud Creek	L78061-03B	5/29/2007		5/31/2007	Aqueous	Sulfate	14808-79-8	50	87	50	mg/L		300.0-W
Mud Creek	L78061-03A	5/29/2007		6/1/2007	Aqueous	TDS		1	360	20	mg/L		TDS-W
Mud Creek	L78061-03A	5/29/2007		5/30/2007	Aqueous	TSS		1	48	3	mg/L		TSS-W-2540D
Mud Creek	L78061-03F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.012	0.01	mg/L		6020-W-DISS
Mud Creek	L78574-01B	6/25/2007		6/28/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L78574-01B	6/25/2007		6/28/2007	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L78574-01C	6/25/2007	6/28/2007	6/29/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L78574-01B	6/25/2007		6/28/2007	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	62	10	mg/L	*	ICP-W-dis
Mud Creek	L78574-01B	6/25/2007		6/28/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L78574-01B	6/25/2007		7/9/2007	Aqueous	Chloride	16887-00-6	5	14	5	mg/L		300.0-W
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0.0061	0.004	mg/L		6020-W-DISS
Mud Creek	L78574-01F	6/25/2007		7/2/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	290	10	mg/L		HARD
Mud Creek	L78574-01E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Iron	7439-89-6	1	0.19	0.05	mg/L		ICP-W
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	33	10	mg/L	*	ICP-W-dis
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.022	0.005	mg/L		6020-W-DISS
Mud Creek	L78574-01E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Manganese	7439-96-5	1	0.020	0.005	mg/L		ICP-W
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L78574-01B	6/25/2007		6/28/2007	Aqueous	Nitrate (as N)		1	0.10	0.01	mg/L	H	NO3-W
Mud Creek	L78574-01B	6/25/2007		6/28/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	H	NO2-W
Mud Creek	L78574-01D	6/25/2007		7/5/2007	Aqueous	Oil & Grease		1	4.5	3	mg/L		OGB-W
Mud Creek	L78574-01B	6/25/2007		6/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	H	PO4-O
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	5.8	1	mg/L		ICP-W-dis
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L78574-01A	6/25/2007		6/27/2007	Aqueous	Settleable Solids		1	0	0.1	mL/L		SS-W-2540F
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	55	10	mg/L	2*	ICP-W-dis
Mud Creek	L78574-01B	6/25/2007		7/7/2007	Aqueous	Sulfate	14808-79-8	50	140	50	mg/L		300.0-W
Mud Creek	L78574-01A	6/25/2007		6/27/2007	Aqueous	TDS		1	440	20	mg/L		TDS-W
Mud Creek	L78574-01A	6/25/2007		6/27/2007	Aqueous	TSS		1	10	3	mg/L		TSS-W-2540D
Mud Creek	L78574-01F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.027	0.01	mg/L		6020-W-DISS
Mud Creek	L79156-02B	7/30/2007		8/6/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L79156-02B	7/30/2007		8/3/2007	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L79156-02C	7/30/2007	8/2/2007	8/3/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L79156-02B	7/30/2007		8/3/2007	Aqueous	Bicarbonate (As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	63	10	mg/L	*	ICP-W-dis
Mud Creek	L79156-02B	7/30/2007		8/3/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L79156-02B	7/30/2007		8/11/2007	Aqueous	Chloride	16887-00-6	10	12	10	mg/L		300.0-W
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Mud Creek	L79156-02F	7/30/2007		8/10/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L79156-02E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Iron	7439-89-6	1	0.34	0.05	mg/L		ICP-W
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	38	10	mg/L	*	ICP-W-dis
Mud Creek	L79156-02E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Manganese	7439-96-5	1	0.028	0.005	mg/L		ICP-W
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.0090	0.005	mg/L		6020-W-DISS
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L79156-02B	7/30/2007		8/2/2007	Aqueous	Nitrate (as N)		1	0.15	0.01	mg/L	H	NO3-W
Mud Creek	L79156-02B	7/30/2007		8/2/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	H	NO2-W
Mud Creek	L79156-02D	7/30/2007		8/6/2007	Aqueous	Oil & Grease		1	4.9	3	mg/L		OGB-W
Mud Creek	L79156-02B	7/30/2007		8/2/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	H	PO4-O
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	6.8	1	mg/L		ICP-W-dis
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Mud Creek	L79156-02A	7/30/2007		8/2/2007	Aqueous	Settleable Solids		1	0.10	0.1	ml/L	H	SS-W-2540F
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	34	10	mg/L	*	ICP-W-dis
Mud Creek	L79156-02B	7/30/2007		8/11/2007	Aqueous	Sulfate	14808-79-8	20	140	20	mg/L		300.0-W
Mud Creek	L79156-02A	7/30/2007		8/3/2007	Aqueous	TDS		1	440	10	mg/L		TDS-W
Mud Creek	L79156-02A	7/30/2007		8/2/2007	Aqueous	TSS		1	28	3	mg/L		TSS-W-2540D
Mud Creek	L79156-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Mud Creek	L81026-01B	11/12/2007		11/15/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L81026-01B	11/12/2007		11/15/2007	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L	1	ICP-W-dis
Mud Creek	L81026-01C	11/12/2007	11/15/2007	11/15/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Mud Creek	L81026-01B	11/12/2007		11/15/2007	Aqueous	Bicarbonate (As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	62	10	mg/L	#	ICP-W-dis
Mud Creek	L81026-01B	11/12/2007		11/15/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Mud Creek	L81026-01B	11/12/2007		11/21/2007	Aqueous	Chloride	16887-00-6	5	6.9	5	mg/L		300.0-W
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Copper	7440-50-8	20	0.0020	0.0008	mg/L		6020-W-DISS
Mud Creek	L81026-01F	11/12/2007		11/27/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L81026-01E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Iron	7439-89-6	1	0.24	0.05	mg/L		ICP-W
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Lead	7439-92-1	20	0.00025	0.0001	mg/L		6020-W-DISS
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	40	1	mg/L		ICP-W-dis
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Manganese	7439-96-5	20	0.011	0.0012	mg/L		6020-W-DISS
Mud Creek	L81026-01E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Manganese	7439-96-5	1	0.022	0.005	mg/L		ICP-W
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L81026-01B	11/12/2007		11/14/2007	Aqueous	Nitrate (as N)		1	0.16	0.01	mg/L	1	NO3-W
Mud Creek	L81026-01B	11/12/2007		11/14/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	1@	NO2-W
Mud Creek	L81026-01D	11/12/2007		11/18/2007	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L81026-01B	11/12/2007		11/14/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	1H	PO4-O
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	5.2	1	mg/L		ICP-W-dis
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L81026-01A	11/12/2007		11/14/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	31	10	mg/L	#	ICP-W-dis
Mud Creek	L81026-01B	11/12/2007		11/21/2007	Aqueous	Sulfate	14808-79-8	5	64	5	mg/L		300.0-W
Mud Creek	L81026-01A	11/12/2007		11/14/2007	Aqueous	TDS		1	450	20	mg/L		TDS-W
Mud Creek	L81026-01A	11/12/2007		11/14/2007	Aqueous	TSS		1	12	3	mg/L		TSS-W-2540D
Mud Creek	L81026-01F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0055	0.0054	mg/L		6020-W-DISS
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L83169-01C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	68	10	mg/L	#	ICP-W-dis
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L83169-01B	3/25/2008		3/29/2008	Aqueous	Chloride	16887-00-6	10	45	1	mg/L		300.0-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0034	0.0008	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L83169-01E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Iron	7439-89-6	1	2.4	0.05	mg/L	'	ICP-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Mud Creek	L83169-01E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Manganese	7439-96-5	1	0.024	0.005	mg/L	' @	ICP-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.030	0.0012	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L83169-01B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0.12	0.01	mg/L		NO3-W
Mud Creek	L83169-01B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	'	NO2-W
Mud Creek	L83169-01D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L83169-01B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.4	1	mg/L		ICP-W-dis
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Mud Creek	L83169-01A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0.10	0.1	ml/L		SS-W-2540F
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	49	1	mg/L		ICP-W-dis
Mud Creek	L83169-01B	3/25/2008		3/29/2008	Aqueous	Sulfate	14808-79-8	10	130	7.5	mg/L	'	300.0-W
Mud Creek	L83169-01A	3/25/2008		3/28/2008	Aqueous	TDS		1	490	20	mg/L		TDS-W
Mud Creek	L83169-01A	3/25/2008		3/27/2008	Aqueous	TSS		1	26	3	mg/L		TSS-W-2540D
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0076	0.0054	mg/L		6020-W-DISS
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L83169-01C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	230	20	mg/L		2320B-ALK-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	68	10	mg/L	#	ICP-W-dis
Mud Creek	L83169-01B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L83169-01B	3/25/2008		3/29/2008	Aqueous	Chloride	16887-00-6	10	45	1	mg/L		300.0-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0034	0.0008	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L83169-01E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Iron	7439-89-6	1	2.4	0.05	mg/L	'	ICP-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Mud Creek	L83169-01E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Manganese	7439-96-5	1	0.024	0.005	mg/L	' @	ICP-W
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.030	0.0012	mg/L		6020-W-DISS
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L83169-01B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0.12	0.01	mg/L		NO3-W
Mud Creek	L83169-01B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	'	NO2-W
Mud Creek	L83169-01D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Mud Creek	L83169-01B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.4	1	mg/L		ICP-W-dis
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Mud Creek	L83169-01A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0.10	0.1	ml/L		SS-W-2540F
Mud Creek	L83169-01F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	49	1	mg/L		ICP-W-dis
Mud Creek	L83169-01B	3/25/2008		3/29/2008	Aqueous	Sulfate	14808-79-8	10	130	7.5	mg/L	'	300.0-W
Mud Creek	L83169-01A	3/25/2008		3/28/2008	Aqueous	TDS		1	490	20	mg/L		TDS-W
Mud Creek	L83169-01A	3/25/2008		3/27/2008	Aqueous	TSS		1	26	3	mg/L		TSS-W-2540D
Mud Creek	L83169-01F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0076	0.0054	mg/L		6020-W-DISS
Mud Creek	L84608-01B	6/16/2008		6/20/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L84608-01B	6/16/2008		6/20/2008	Aqueous	Alkalinity,(As CaCO3)		1	160	20	mg/L		2320B-ALK-W
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L84608-01C	6/16/2008	6/20/2008	6/25/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Mud Creek	L84608-01B	6/16/2008		6/20/2008	Aqueous	Bicarbonate (As CaCO3)		1	160	20	mg/L		2320B-ALK-W
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Calcium	7440-70-2	10	49	10	mg/L	~	ICP-W-dis
Mud Creek	L84608-01B	6/16/2008		6/20/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L84608-01B	6/16/2008		6/26/2008	Aqueous	Chloride	16887-00-6	5	8.1	0.5	mg/L		300.0-W
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Copper	7440-50-8	20	0.0026	0.0008	mg/L		6020-W-DISS
Mud Creek	L84608-01F	6/16/2008		6/18/2008	Aqueous Dissolved	Hardness (as CaCO3)	471-34-1	1	180	10	mg/L		HARD
Mud Creek	L84608-01E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Iron	7439-89-6	1	1.9	0.05	mg/L		ICP-W
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Magnesium	7439-95-4	1	14	1	mg/L		ICP-W-dis
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Manganese	7439-96-5	20	0.0069	0.0012	mg/L		6020-W-DISS
Mud Creek	L84608-01E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Manganese	7439-96-5	1	0.073	0.005	mg/L		ICP-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L84608-01B	6/16/2008		6/18/2008	Aqueous	Nitrate (as N)		1	1.5	0.01	mg/L		NO3-W
Mud Creek	L84608-01B	6/16/2008		6/18/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L84608-01D	6/16/2008		6/18/2008	Aqueous	Oil & Grease		1	360	3	mg/L	*	OGB-W
Mud Creek	L84608-01B	6/16/2008		6/18/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-dis
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Mud Creek	L84608-01A	6/16/2008		6/18/2008	Aqueous	Settleable Solids		1	0.20	0.1	ml/L		SS-W-2540F
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Sodium	7440-23-5	10	21	10	mg/L	~	ICP-W-dis
Mud Creek	L84608-01B	6/16/2008		6/26/2008	Aqueous	Sulfate	14808-79-8	5	38	3.8	mg/L		300.0-W
Mud Creek	L84608-01A	6/16/2008		6/19/2008	Aqueous	TDS		1	300	100	mg/L		TDS-W
Mud Creek	L84608-01A	6/16/2008		6/18/2008	Aqueous	TSS		1	190	3	mg/L		TSS-W-2540D
Mud Creek	L84608-01F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Zinc	7440-66-6	20	0.0084	0.0054	mg/L		6020-W-DISS
Mud Creek	L85972-05B	8/26/2008		8/29/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L85972-05D	8/26/2008	8/28/2008	8/29/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	63	10	mg/L	~	ICP-W-dis
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Chloride	16887-00-6	20	16	2	mg/L		300.0-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0019	0.0008	mg/L		6020-W-DISS
Mud Creek	L85972-05E	8/26/2008		9/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	300	10	mg/L		HARD
Mud Creek	L85972-05F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Iron	7439-89-6	1	0.11	0.05	mg/L		ICP-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	34	1	mg/L		ICP-W-dis
Mud Creek	L85972-05F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Manganese	7439-96-5	1	0.016	0.005	mg/L		ICP-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.011	0.0012	mg/L		6020-W-DISS
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Nitrate (as N)		1	0.066	0.01	mg/L		NO3-W
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L85972-05C	8/26/2008		9/5/2008	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Phosphorus, Orthophosphate (as I	7723-14-0	1	0	0.1	mg/L		300.0-W
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.1	1	mg/L		ICP-W-dis
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Mud Creek	L85972-05A	8/26/2008		8/28/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Mud Creek	L85972-05E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	10	33	10	mg/L	~	ICP-W-dis
Mud Creek	L85972-05B	8/26/2008		8/28/2008	Aqueous	Sulfate	14808-79-8	20	120	15	mg/L		300.0-W
Mud Creek	L85972-05A	8/26/2008		8/28/2008	Aqueous	TDS		1	490	20	mg/L		TDS-W
Mud Creek	L85972-05A	8/26/2008		8/28/2008	Aqueous	TSS		1	5.0	3	mg/L		TSS-W-2540D
Mud Creek	L85972-05E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.020	0.0054	mg/L		6020-W-DISS
Mud Creek	L87283-01B	10/29/2008		10/31/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	L87283-01B	10/29/2008		10/31/2008	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L87283-01D	10/29/2008	11/6/2008	11/7/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L	*	NH3-W
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Mud Creek	L87283-01B	10/29/2008		10/31/2008	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	66	10	mg/L	~	ICP-W-dis
Mud Creek	L87283-01B	10/29/2008		10/31/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Mud Creek	L87283-01B	10/29/2008		11/11/2008	Aqueous	Chloride	16887-00-6	5	14	0.5	mg/L		300.0-W
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0	0.0008	mg/L		6020-W-DISS
Mud Creek	L87283-01E	10/29/2008		11/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Mud Creek	L87283-01F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Iron	7439-89-6	1	0.25	0.05	mg/L		ICP-W
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	38	1	mg/L		ICP-W-dis
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.012	0.0012	mg/L		6020-W-DISS
Mud Creek	L87283-01F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Manganese	7439-96-5	1	0.020	0.005	mg/L		ICP-W
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Mud Creek	L87283-01B	10/29/2008		10/31/2008	Aqueous	Nitrate (as N)		1	0.20	0.01	mg/L		NO3-W
Mud Creek	L87283-01B	10/29/2008		10/31/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Mud Creek	L87283-01C	10/29/2008		11/2/2008	Aqueous	Oil & Grease		1	6.2	3	mg/L		OGB-W
Mud Creek	L87283-01B	10/29/2008		10/30/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	*	PO4-O
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.9	1	mg/L		ICP-W-dis
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Mud Creek	L87283-01A	10/29/2008		10/30/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Mud Creek	L87283-01E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	37	1	mg/L		ICP-W-dis
Mud Creek	L87283-01B	10/29/2008		11/11/2008	Aqueous	Sulfate	14808-79-8	100	130	75	mg/L		300.0-W
Mud Creek	L87283-01A	10/29/2008		10/31/2008	Aqueous	TDS		1	460	20	mg/L		TDS-W
Mud Creek	L87283-01A	10/29/2008		10/30/2008	Aqueous	TSS		1	15	3	mg/L		TSS-W-2540D
Mud Creek	L87283-01E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	Settleable Solids		1	0	0.10	mL/L		SS-W-2540F
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	Total Dissolved Solids		2	300	20	mg/L		TDS-W-2540C
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	Total Suspended Solids	TSS	1	29	3.0	mg/L		TSS-W-2540D
Mud Creek	1006480-005	6/23/2010		6/30/2010	Aqueous	Chloride	16887-00-6	10	13	1.0	mg/L		300.0-W
Mud Creek	1006480-005	6/23/2010		6/30/2010	Aqueous	Sulfate	14808-79-8	10	69	7.5	mg/L		300.0-W
Mud Creek	1006480-005	6/23/2010		6/28/2010	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Mud Creek	1006480-005	6/23/2010		6/28/2010	Aqueous	Alkalinity (as CaCO3)		2	200	20	mg/L		ALK-W-2320B
Mud Creek	1006480-005	6/23/2010		6/28/2010	Aqueous	Bicarbonate (as CaCO3)		2	190	20	mg/L		ALK-W-2320B
Mud Creek	1006480-005	6/23/2010		6/28/2010	Aqueous	Carbonate (as CaCO3)		2	0	20	mg/L		ALK-W-2320B
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0	0.010	mg/L		NO2-W-353.2
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	Nitrate (as N)	14797-55-8	1	0.17	0.010	mg/L		NO3-W-353.2
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	pH @ 25° C		1	8.49	1.00	pH Units	H	PH-4500H+B

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Mud Creek	1006480-005	6/23/2010		6/25/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0	0.050	mg/L		PO4-O-365.1
Mud Creek	1006480-005	6/23/2010		6/30/2010	Aqueous	Oil & Grease		1	0	3.0	mg/L		OGB-W-1664A
Mud Creek	1006480-005	6/23/2010	6/28/2010	6/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0.12	0.050	mg/L		NH3-W-350.1
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Aluminum	7429-90-5	1	0	0.10	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Boron	7440-42-8	1	0	0.50	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Calcium	7440-70-2	1	50	1.0	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0	0.10	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Magnesium	7439-95-4	1	23	1.0	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.020	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Potassium	7440-09-7	1	4.2	1.0	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Sodium	7440-23-5	1	24	1.0	mg/L		6010C-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Arsenic	7440-38-2	20	0	0.00060	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Copper	7440-50-8	20	0.0011	0.00080	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Lead	7439-92-1	20	0	0.00040	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Manganese	7439-96-5	20	0.010	0.0012	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Selenium	7782-49-2	20	0	0.00080	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Zinc	7440-66-6	20	0	0.0050	mg/L		6020-DIS
Mud Creek	1006480-005	6/23/2010		6/28/2010	Aqueous	Hardness (as CaCO3)		1	220	10	mg/L		HARD-2340B
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0.28	0.10	mg/L		6010C-W
Mud Creek	1006480-005	6/23/2010	6/25/2010	6/25/2010	Aqueous	Manganese	7439-96-5	20	0.023	0.0012	mg/L		6020-W
RES. 1	L72109-01B	5/30/2006		6/1/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L72109-01B	5/30/2006		6/1/2006	Aqueous	Alkalinity,(As CaCO3)		1	170	10	mg/L		2320B-ALK-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L	@	ICP-W-DIS
RES. 1	L72109-01C	5/30/2006	5/31/2006	6/5/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72109-01B	5/30/2006		6/1/2006	Aqueous	Bicarbonate (As CaCO3)		1	170	10	mg/L		2320B-ALK-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	53	1	mg/L		ICP-W-DIS
RES. 1	L72109-01B	5/30/2006		6/1/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES. 1	L72109-01B	5/30/2006		6/2/2006	Aqueous	Chloride	16887-00-6	1	3.6	1	mg/L		300.0-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L72109-01E	5/30/2006		6/12/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	200	10	mg/L		HARD
RES. 1	L72109-01D	5/30/2006	6/2/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	0.35	0.05	mg/L		ICP-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	16	1	mg/L		ICP-W-DIS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72109-01D	5/30/2006	6/2/2006	6/7/2006	Aqueous	Manganese	7439-96-5	1	0.092	0.005	mg/L		ICP-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L72109-01B	5/30/2006		5/31/2006	Aqueous	Nitrate (as N)		1	0.056	0.01	mg/L		NO3-W
RES. 1	L72109-01B	5/30/2006		5/31/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES. 1	L72109-01F	5/30/2006		6/6/2006	Aqueous	Oil & Grease		1	4.3	3	mg/L	*#	OGB-W
RES. 1	L72109-01B	5/30/2006		6/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	*@	PO4-O
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.1	1	mg/L		ICP-W-DIS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72109-01A	5/30/2006		5/31/2006	Aqueous	Settable Solids		1	0.10	0.1	ml/L		SS
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.1	1	mg/L		ICP-W-DIS
RES. 1	L72109-01B	5/30/2006		6/2/2006	Aqueous	Sulfate	14808-79-8	1	34	10	mg/L	*	300.0-W
RES. 1	L72109-01A	5/30/2006		5/31/2006	Aqueous	TDS		1	230	10	mg/L		TDS-W
RES. 1	L72109-01A	5/30/2006		5/31/2006	Aqueous	TSS		1	14	3	mg/L		TSS-W
RES. 1	L72109-01E	5/30/2006	6/2/2006	6/12/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.013	0.01	mg/L		6020-W-DISS
RES. 1	L72660-07B	6/29/2006		7/3/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L72660-07B	6/29/2006		7/3/2006	Aqueous	Alkalinity,(As CaCO3)		1	160	20	mg/L		2320B-ALK-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L72660-07C	6/29/2006	7/5/2006	7/7/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72660-07B	6/29/2006		7/3/2006	Aqueous	Bicarbonate (As CaCO3)		1	120	20	mg/L		2320B-ALK-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	32	10	mg/L		ICP-W-DIS
RES. 1	L72660-07B	6/29/2006		7/3/2006	Aqueous	Carbonate (As CaCO3)		1	31	20	mg/L		2320B-ALK-W
RES. 1	L72660-07B	6/29/2006		7/5/2006	Aqueous	Chloride	16887-00-6	1	6.9	1	mg/L		300.0-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L72660-07E	6/29/2006		7/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	170	10	mg/L		HARD
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
RES. 1	L72660-07D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Iron	7439-89-6	1	0.37	0.05	mg/L		ICP-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	16	1	mg/L		ICP-W-DIS
RES. 1	L72660-07D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Manganese	7439-96-5	1	0.058	0.005	mg/L		ICP-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L72660-07B	6/29/2006		6/30/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
RES. 1	L72660-07B	6/29/2006		6/30/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES. 1	L72660-07F	6/29/2006		6/30/2006	Aqueous	Oil & Grease		1	3.2	3	mg/L		OGB-W
RES. 1	L72660-07B	6/29/2006		6/30/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	1.3	1	mg/L		ICP-W-DIS
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L72660-07A	6/29/2006		6/30/2006	Aqueous	Settable Solids		1	0.70	0.1	ml/L		SS
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.4	1	mg/L		ICP-W-DIS
RES. 1	L72660-07B	6/29/2006		7/5/2006	Aqueous	Sulfate	14808-79-8	1	34	10	mg/L		300.0-W
RES. 1	L72660-07A	6/29/2006		6/30/2006	Aqueous	TDS		1	96	20	mg/L		TDS-W
RES. 1	L72660-07A	6/29/2006		6/30/2006	Aqueous	TSS		1	34	3	mg/L		TSS-W
RES. 1	L72660-07E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	170	20	mg/L		2320B-ALK-W
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L73160-05C	7/31/2006	8/2/2006	8/4/2006	Aqueous	Ammonia (as N)		1	0.055	0.05	mg/L		NH3-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	26	20	mg/L		2320B-ALK-W
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	28	1	mg/L		ICP-W-DIS
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Carbonate (As CaCO3)		1	140	20	mg/L		2320B-ALK-W
RES. 1	L73160-05B	7/31/2006		8/5/2006	Aqueous	Chloride	16887-00-6	1	9.9	1	mg/L		300.0-W
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L73160-05E	7/31/2006		8/14/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	150	10	mg/L		HARD
RES. 1	L73160-05D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Iron	7439-89-6	1	0.096	0.05	mg/L		ICP-W
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	20	1	mg/L		ICP-W-DIS
RES. 1	L73160-05D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Manganese	7439-96-5	1	0.068	0.005	mg/L		ICP-W
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.014	0.005	mg/L		6020-W-DISS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Nitrate (as N)		1	0.081	0.01	mg/L		NO3-W
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES. 1	L73160-05F	7/31/2006		8/8/2006	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
RES. 1	L73160-05B	7/31/2006		8/2/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.12	0.05	mg/L		PO4-O
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	2.8	1	mg/L		ICP-W-DIS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0.0056	0.005	mg/L		6020-W-DISS
RES. 1	L73160-05A	7/31/2006		8/2/2006	Aqueous	Settable Solids		1	0.50	0.1	ml/L		SS
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	11	1	mg/L		ICP-W-DIS
RES. 1	L73160-05B	7/31/2006		8/5/2006	Aqueous	Sulfate	14808-79-8	1	24	10	mg/L		300.0-W
RES. 1	L73160-05A	7/31/2006		8/3/2006	Aqueous	TDS		1	170	20	mg/L		TDS-W
RES. 1	L73160-05A	7/31/2006		8/2/2006	Aqueous	TSS		1	26	3	mg/L		TSS-W
RES. 1	L73160-05E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.018	0.01	mg/L		6020-W-DISS
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Alkalinity,(As CaCO3)		1	130	20	mg/L		2320B-ALK-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L73504-05C	8/21/2006	8/23/2006	8/24/2006	Aqueous	Ammonia (as N)		1	0.080	0.05	mg/L		NH3-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Bicarbonate (As CaCO3)		1	14	10	mg/L		2320B-ALK-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	29	10	mg/L		ICP-W-DIS
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Carbonate (As CaCO3)		1	120	20	mg/L		2320B-ALK-W
RES. 1	L73504-05B	8/21/2006		8/24/2006	Aqueous	Chloride	16887-00-6	1	32	10	mg/L		300.0-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
RES. 1	L73504-05E	8/21/2006		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	170	10	mg/L		HARD
RES. 1	L73504-05D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Iron	7439-89-6	1	0.67	0.05	mg/L		ICP-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0.14	0.05	mg/L		ICP-W-DIS
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	24	10	mg/L		ICP-W-DIS
RES. 1	L73504-05D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Manganese	7439-96-5	1	0.17	0.005	mg/L		ICP-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Manganese	7439-96-5	5	0.045	0.005	mg/L		6020-W-DISS
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Nitrate (as N)		1	0.070	0.01	mg/L		NO3-W
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES. 1	L73504-05F	8/21/2006		8/23/2006	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
RES. 1	L73504-05B	8/21/2006		8/23/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.060	0.05	mg/L		PO4-O
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	7.8	1	mg/L		ICP-W-DIS
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L73504-05A	8/21/2006		8/23/2006	Aqueous	Settable Solids		1	0.60	0.1	ml/L		SS
RES. 1	L73504-05E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	22	1	mg/L		ICP-W-DIS
RES. 1	L73504-05B	8/21/2006		8/24/2006	Aqueous	Sulfate	14808-79-8	1	24	10	mg/L		300.0-W
RES. 1	L73504-05A	8/21/2006		8/25/2006	Aqueous	TDS		1	200	20	mg/L		TDS-W
RES. 1	L73504-05A	8/21/2006		8/23/2006	Aqueous	TSS		1	40	3	mg/L		TSS-W
RES. 1	L73504-05E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Alkalinity,(As CaCO3)		1	260	20	mg/L		2320B-ALK-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L74688-03C	10/30/2006	11/1/2006	11/3/2006	Aqueous	Ammonia (as N)		1	0.073	0.05	mg/L		NH3-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Bicarbonate (As CaCO3)		1	260	20	mg/L		2320B-ALK-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	71	10	mg/L	*	ICP-W-DIS
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES. 1	L74688-03B	10/30/2006		11/9/2006	Aqueous	Chloride	16887-00-6	1	20	10	mg/L		300.0-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L74688-03F	10/30/2006		11/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
RES. 1	L74688-03E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Iron	7439-89-6	1	10	0.05	mg/L		ICP-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	33	10	mg/L	*	ICP-W-DIS
RES. 1	L74688-03E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Manganese	7439-96-5	1	1.1	0.005	mg/L		ICP-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.29	0.005	mg/L		6020-W-DISS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Nitrite (as N)		1	0.024	0.01	mg/L		NO2-W
RES. 1	L74688-03D	10/30/2006		11/1/2006	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
RES. 1	L74688-03B	10/30/2006		11/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.059	0.05	mg/L		PO4-O
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	4.8	1	mg/L		ICP-W-DIS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L74688-03A	10/30/2006		11/1/2006	Aqueous	Settable Solids		1	1.5	0.1	ml/L		SS
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	26	1	mg/L		ICP-W-DIS
RES. 1	L74688-03B	10/30/2006		11/9/2006	Aqueous	Sulfate	14808-79-8	1	74	10	mg/L		300.0-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
RES. 1	L74688-03A	10/30/2006		11/1/2006	Aqueous	TDS		1	400	20	mg/L		TDS-W
RES. 1	L74688-03A	10/30/2006		11/1/2006	Aqueous	TSS		1	430	3	mg/L		TSS-W
RES. 1	L74688-03F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
RES. 1	L76981-03B	3/29/2007		4/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L76981-03B	3/29/2007		4/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	250	20	mg/L		2320B-ALK-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L76981-03C	3/29/2007	3/30/2007	4/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L76981-03B	3/29/2007		4/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	250	20	mg/L		2320B-ALK-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	70	10	mg/L	*	ICP-W-dis
RES. 1	L76981-03B	3/29/2007		4/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES. 1	L76981-03B	3/29/2007		3/31/2007	Aqueous	Chloride	16887-00-6	10	20	10	mg/L		300.0-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L76981-03F	3/29/2007		4/11/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	260	10	mg/L		HARD
RES. 1	L76981-03E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Iron	7439-89-6	1	0.50	0.05	mg/L		ICP-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	20	1	mg/L		ICP-W-dis
RES. 1	L76981-03E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Manganese	7439-96-5	1	0.17	0.005	mg/L		ICP-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.033	0.005	mg/L		6020-W-DISS
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L76981-03B	3/29/2007		3/30/2007	Aqueous	Nitrate (as N)		1	0.017	0.01	mg/L		NO3-W
RES. 1	L76981-03B	3/29/2007		3/30/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES. 1	L76981-03D	3/29/2007		3/30/2007	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
RES. 1	L76981-03B	3/29/2007		3/30/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.2	1	mg/L		ICP-W-dis
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	13	1	mg/L		ICP-W-dis
RES. 1	L76981-03B	3/29/2007		3/31/2007	Aqueous	Sulfate	14808-79-8	50	97	50	mg/L		300.0-W
RES. 1	L76981-03A	3/29/2007		3/30/2007	Aqueous	TDS		1	290	20	mg/L		TDS-W
RES. 1	L76981-03A	3/29/2007		3/30/2007	Aqueous	TSS		1	27	3	mg/L		TSS-W
RES. 1	L76981-03F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
RES. 1	L77519-03B	4/25/2007		4/30/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
RES. 1	L77519-03B	4/25/2007		4/30/2007	Aqueous	Alkalinity,(As CaCO3)		1	180	20	mg/L		2320B-ALK-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L77519-03C	4/25/2007	5/1/2007	5/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L77519-03B	4/25/2007		4/30/2007	Aqueous	Bicarbonate (As CaCO3)		1	180	20	mg/L		2320B-ALK-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	54	10	mg/L	*	ICP-W-dis
RES. 1	L77519-03B	4/25/2007		4/30/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
RES. 1	L77519-03B	4/25/2007		4/29/2007	Aqueous	Chloride	16887-00-6	5	12	5	mg/L		300.0-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
RES. 1	L77519-03F	4/25/2007		5/9/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	220	10	mg/L		HARD
RES. 1	L77519-03E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Iron	7439-89-6	1	4.6	0.05	mg/L		ICP-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	21	1	mg/L		ICP-W-dis
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.013	0.005	mg/L		6020-W-DISS
RES. 1	L77519-03E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Manganese	7439-96-5	1	0.18	0.005	mg/L		ICP-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L77519-03B	4/25/2007		4/27/2007	Aqueous	Nitrate (as N)		1	0.032	0.01	mg/L		NO3-W
RES. 1	L77519-03B	4/25/2007		4/27/2007	Aqueous	Nitrite (as N)		1	0.039	0.01	mg/L		NO2-W
RES. 1	L77519-03D	4/25/2007		5/3/2007	Aqueous	Oil & Grease		1	3.4	3	mg/L		OGB-W
RES. 1	L77519-03B	4/25/2007		4/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.092	0.05	mg/L		PO4-O
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.8	1	mg/L		ICP-W-dis
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	22	1	mg/L		ICP-W-dis
RES. 1	L77519-03B	4/25/2007		4/29/2007	Aqueous	Sulfate	14808-79-8	50	60	50	mg/L		300.0-W
RES. 1	L77519-03A	4/25/2007		4/30/2007	Aqueous	TDS		1	210	20	mg/L		TDS-W
RES. 1	L77519-03A	4/25/2007		4/27/2007	Aqueous	TSS		1	200	8	mg/L		TSS-W
RES. 1	L77519-03F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
RES. 1	L78061-04B	5/29/2007		6/4/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES. 1	L78061-04B	5/29/2007		6/4/2007	Aqueous	Alkalinity,(As CaCO3)		1	190	20	mg/L		2320B-ALK-W
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L78061-04C	5/29/2007	6/1/2007	6/6/2007	Aqueous	Ammonia (as N)		1	0.077	0.05	mg/L		NH3-W
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L78061-04B	5/29/2007		6/4/2007	Aqueous	Bicarbonate (As CaCO3)		1	190	20	mg/L		2320B-ALK-W
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	47	10	mg/L	*	ICP-W-dis
RES. 1	L78061-04B	5/29/2007		6/4/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES. 1	L78061-04B	5/29/2007		5/31/2007	Aqueous	Chloride	16887-00-6	5	10	5	mg/L		300.0-W
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
RES. 1	L78061-04F	5/29/2007		6/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	210	10	mg/L		HARD
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES. 1	L78061-04E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Iron	7439-89-6	1	7.1	0.05	mg/L		ICP-W
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	22	1	mg/L		ICP-W-dis
RES. 1	L78061-04E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Manganese	7439-96-5	1	0.46	0.005	mg/L		ICP-W
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.042	0.005	mg/L		6020-W-DISS
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L78061-04B	5/29/2007		5/30/2007	Aqueous	Nitrate (as N)		1	0.37	0.01	mg/L		NO3-W
RES. 1	L78061-04B	5/29/2007		5/30/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES. 1	L78061-04D	5/29/2007		6/1/2007	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
RES. 1	L78061-04B	5/29/2007		5/31/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.0	1	mg/L		ICP-W-dis
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L78061-04A	5/29/2007		5/30/2007	Aqueous	Settleable Solids		1	5.5	0.1	ml/L		SS-W-2540F
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	18	1	mg/L		ICP-W-dis
RES. 1	L78061-04B	5/29/2007		5/31/2007	Aqueous	Sulfate	14808-79-8	10	56	10	mg/L		300.0-W
RES. 1	L78061-04A	5/29/2007		6/1/2007	Aqueous	TDS		1	250	20	mg/L		TDS-W
RES. 1	L78061-04A	5/29/2007		5/30/2007	Aqueous	TSS		1	1600	8	mg/L		TSS-W-2540D
RES. 1	L78061-04F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.010	0.01	mg/L		6020-W-DISS
RES. 1	L78574-03B	6/25/2007		6/28/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES. 1	L78574-03B	6/25/2007		6/28/2007	Aqueous	Alkalinity,(As CaCO3)		1	120	20	mg/L		2320B-ALK-W
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L78574-03C	6/25/2007	6/28/2007	6/29/2007	Aqueous	Ammonia (as N)		1	0.050	0.05	mg/L		NH3-W
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L78574-03B	6/25/2007		6/28/2007	Aqueous	Bicarbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Calcium	7440-70-2	1	21	1	mg/L		ICP-W-dis
RES. 1	L78574-03B	6/25/2007		6/28/2007	Aqueous	Carbonate (As CaCO3)		1	110	20	mg/L		2320B-ALK-W
RES. 1	L78574-03B	6/25/2007		7/9/2007	Aqueous	Chloride	16887-00-6	10	41	10	mg/L		300.0-W
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0.0082	0.004	mg/L		6020-W-DISS
RES. 1	L78574-03F	6/25/2007		7/2/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	130	10	mg/L		HARD
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES. 1	L78574-03E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Iron	7439-89-6	1	0.63	0.05	mg/L		ICP-W
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	19	1	mg/L		ICP-W-dis
RES. 1	L78574-03E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Manganese	7439-96-5	1	0.12	0.005	mg/L		ICP-W
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.019	0.005	mg/L		6020-W-DISS
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES. 1	L78574-03B	6/25/2007		6/28/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L	H	NO3-W
RES. 1	L78574-03B	6/25/2007		6/28/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	H	NO2-W
RES. 1	L78574-03D	6/25/2007		7/5/2007	Aqueous	Oil & Grease		1	4.7	3	mg/L		OGB-W
RES. 1	L78574-03B	6/25/2007		6/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	2.2	1	mg/L		ICP-W-dis
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
RES. 1	L78574-03A	6/25/2007		6/27/2007	Aqueous	Settleable Solids		1	0.50	0.1	mL/L		SS-W-2540F
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	30	10	mg/L	*	ICP-W-dis
RES. 1	L78574-03B	6/25/2007		7/7/2007	Aqueous	Sulfate	14808-79-8	5	25	5	mg/L		300.0-W
RES. 1	L78574-03A	6/25/2007		6/27/2007	Aqueous	TDS		1	190	20	mg/L		TDS-W
RES. 1	L78574-03A	6/25/2007		6/27/2007	Aqueous	TSS		1	40	3	mg/L		TSS-W-2540D
RES. 1	L78574-03F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.037	0.01	mg/L		6020-W-DISS
RES-1	L79128-02B	7/30/2007		8/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES-1	L79128-02B	7/30/2007		8/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	330	20	mg/L		2320B-ALK-W
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES-1	L79128-02C	7/30/2007	8/1/2007	8/3/2007	Aqueous	Ammonia (as N)		1	0.11	0.05	mg/L		NH3-W
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
RES-1	L79128-02B	7/30/2007		8/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	330	20	mg/L		2320B-ALK-W
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	71	10	mg/L	*	ICP-W-dis
RES-1	L79128-02B	7/30/2007		8/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES-1	L79128-02B	7/30/2007		8/11/2007	Aqueous	Chloride	16887-00-6	10	86	10	mg/L		300.0-W
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
RES-1	L79128-02F	7/30/2007		8/10/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	420	10	mg/L		HARD
RES-1	L79128-02E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Iron	7439-89-6	1	0.40	0.05	mg/L		ICP-W
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0.15	0.05	mg/L		ICP-W-dis
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	58	10	mg/L	*	ICP-W-dis
RES-1	L79128-02E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Manganese	7439-96-5	1	0.38	0.005	mg/L		ICP-W
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.43	0.005	mg/L		6020-W-DISS
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES-1	L79128-02B	7/30/2007		8/1/2007	Aqueous	Nitrate (as N)		1	0.017	0.01	mg/L		NO3-W
RES-1	L79128-02B	7/30/2007		8/1/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES-1	L79128-02D	7/30/2007		8/2/2007	Aqueous	Oil & Grease		1	4.0	3	mg/L		OGB-W
RES-1	L79128-02B	7/30/2007		8/1/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.098	0.05	mg/L		PO4-O
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	15	1	mg/L		ICP-W-dis
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
RES-1	L79128-02A	7/30/2007		8/1/2007	Aqueous	Settleable Solids		1	0.50	0.1	ml/L		SS-W-2540F
RES-1	L79128-02F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	42	10	mg/L	*	ICP-W-dis
RES-1	L79128-02B	7/30/2007		8/11/2007	Aqueous	Sulfate	14808-79-8	10	48	10	mg/L		300.0-W
RES-1	L79128-02A	7/30/2007		8/3/2007	Aqueous	TDS		1	590	10	mg/L		TDS-W
RES-1	L79128-02A	7/30/2007		8/1/2007	Aqueous	TSS		1	38	3	mg/L		TSS-W-2540D
RES-1	L79128-02F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
RES-1	L81026-03B	11/12/2007		11/15/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES-1	L81026-03B	11/12/2007		11/15/2007	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES-1	L81026-03C	11/12/2007	11/15/2007	11/15/2007	Aqueous	Ammonia (as N)		1	0.055	0.05	mg/L		NH3-W
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
RES-1	L81026-03B	11/12/2007		11/15/2007	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	63	10	mg/L	#	ICP-W-dis
RES-1	L81026-03B	11/12/2007		11/15/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES-1	L81026-03B	11/12/2007		11/21/2007	Aqueous	Chloride	16887-00-6	5	19	5	mg/L		300.0-W
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Copper	7440-50-8	20	0.0018	0.0008	mg/L		6020-W-DISS
RES-1	L81026-03F	11/12/2007		11/27/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	310	10	mg/L		HARD
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES-1	L81026-03E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Iron	7439-89-6	1	0.77	0.05	mg/L		ICP-W
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0001	mg/L		6020-W-DISS
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	38	1	mg/L		ICP-W-dis

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
RES-1	L81026-03E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Manganese	7439-96-5	1	0.11	0.005	mg/L		ICP-W
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Manganese	7439-96-5	20	0.052	0.0012	mg/L		6020-W-DISS
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES-1	L81026-03B	11/12/2007		11/14/2007	Aqueous	Nitrate (as N)		1	0.011	0.01	mg/L		NO3-W
RES-1	L81026-03B	11/12/2007		11/14/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES-1	L81026-03D	11/12/2007		11/18/2007	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
RES-1	L81026-03B	11/12/2007		11/14/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	6.4	1	mg/L		ICP-W-dis
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
RES-1	L81026-03A	11/12/2007		11/14/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
RES-1	L81026-03F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Sodium	7440-23-5	10	32	10	mg/L	#	ICP-W-dis
RES-1	L81026-03B	11/12/2007		11/21/2007	Aqueous	Sulfate	14808-79-8	5	120	5	mg/L		300.0-W
RES-1	L81026-03A	11/12/2007		11/14/2007	Aqueous	TDS		1	470	20	mg/L		TDS-W
RES-1	L81026-03A	11/12/2007		11/14/2007	Aqueous	TSS		1	18	3	mg/L		TSS-W-2540D
RES-1	L81026-03F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Res-1	L83169-04C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0.20	0.05	mg/L		NH3-W
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.00072	0.0006	mg/L		6020-W-DISS
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	70	10	mg/L	#	ICP-W-dis
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Res-1	L83169-04B	3/25/2008		3/30/2008	Aqueous	Chloride	16887-00-6	10	40	1	mg/L		300.0-W
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0029	0.0008	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Res-1	L83169-04E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0.072	0.05	mg/L		ICP-W-dis
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-dis
Res-1	L83169-04E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		ICP-W
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.14	0.0012	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Res-1	L83169-04B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0.15	0.01	mg/L		NO3-W
Res-1	L83169-04B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0.011	0.01	mg/L		NO2-W
Res-1	L83169-04D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Res-1	L83169-04B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.0	1	mg/L		ICP-W-dis
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Res-1	L83169-04A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0.30	0.1	ml/L		SS-W-2540F
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	41	1	mg/L		ICP-W-dis
Res-1	L83169-04B	3/25/2008		3/30/2008	Aqueous	Sulfate	14808-79-8	10	110	7.5	mg/L		300.0-W
Res-1	L83169-04A	3/25/2008		3/28/2008	Aqueous	TDS		1	470	20	mg/L		TDS-W
Res-1	L83169-04A	3/25/2008		3/27/2008	Aqueous	TSS		1	180	3	mg/L		TSS-W-2540D
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0065	0.0054	mg/L		6020-W-DISS
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Res-1	L83169-04C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0.20	0.05	mg/L		NH3-W
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.00072	0.0006	mg/L		6020-W-DISS
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	220	20	mg/L		2320B-ALK-W
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	70	10	mg/L	#	ICP-W-dis
Res-1	L83169-04B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Res-1	L83169-04B	3/25/2008		3/30/2008	Aqueous	Chloride	16887-00-6	10	40	1	mg/L		300.0-W
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0029	0.0008	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	320	10	mg/L		HARD
Res-1	L83169-04E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0.072	0.05	mg/L		ICP-W-dis
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-dis
Res-1	L83169-04E	3/25/2008	3/28/2008	4/2/2008	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		ICP-W
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.14	0.0012	mg/L		6020-W-DISS
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Res-1	L83169-04B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0.15	0.01	mg/L		NO3-W
Res-1	L83169-04B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0.011	0.01	mg/L		NO2-W
Res-1	L83169-04D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Res-1	L83169-04B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	6.0	1	mg/L		ICP-W-dis
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Res-1	L83169-04A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0.30	0.1	ml/L		SS-W-2540F
Res-1	L83169-04F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	41	1	mg/L		ICP-W-dis
Res-1	L83169-04B	3/25/2008		3/30/2008	Aqueous	Sulfate	14808-79-8	10	110	7.5	mg/L		300.0-W
Res-1	L83169-04A	3/25/2008		3/28/2008	Aqueous	TDS		1	470	20	mg/L		TDS-W
Res-1	L83169-04A	3/25/2008		3/27/2008	Aqueous	TSS		1	180	3	mg/L		TSS-W-2540D
Res-1	L83169-04F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0065	0.0054	mg/L		6020-W-DISS
Res-1	L84608-03B	6/16/2008		6/20/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Res-1	L84608-03B	6/16/2008		6/20/2008	Aqueous	Alkalinity,(As CaCO3)		1	160	20	mg/L		2320B-ALK-W
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Res-1	L84608-03C	6/16/2008	6/20/2008	6/25/2008	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Res-1	L84608-03B	6/16/2008		6/20/2008	Aqueous	Bicarbonate (As CaCO3)		1	160	20	mg/L		2320B-ALK-W
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Calcium	7440-70-2	10	42	10	mg/L	~	ICP-W-dis
Res-1	L84608-03B	6/16/2008		6/20/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Res-1	L84608-03B	6/16/2008		6/26/2008	Aqueous	Chloride	16887-00-6	5	7.5	0.5	mg/L		300.0-W
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Copper	7440-50-8	20	0.0014	0.0008	mg/L		6020-W-DISS
Res-1	L84608-03F	6/16/2008		6/18/2008	Aqueous Dissolved	Hardness (as CaCO3)	471-34-1	1	160	10	mg/L		HARD
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Res-1	L84608-03E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Iron	7439-89-6	1	0.11	0.05	mg/L		ICP-W
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Lead	7439-92-1	20	0.00040	0.0004	mg/L		6020-W-DISS
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Magnesium	7439-95-4	1	14	1	mg/L		ICP-W-dis
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Manganese	7439-96-5	20	0.0015	0.0012	mg/L		6020-W-DISS
Res-1	L84608-03E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Manganese	7439-96-5	1	0.024	0.005	mg/L		ICP-W
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Res-1	L84608-03B	6/16/2008		6/18/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Res-1	L84608-03B	6/16/2008		6/18/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Res-1	L84608-03D	6/16/2008		6/18/2008	Aqueous	Oil & Grease		1	340	3	mg/L	*	OGB-W
Res-1	L84608-03B	6/16/2008		6/18/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Potassium	7440-09-7	1	1.9	1	mg/L		ICP-W-dis
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Res-1	L84608-03A	6/16/2008		6/18/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Res-1	L84608-03F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Sodium	7440-23-5	1	8.3	1	mg/L		ICP-W-dis
Res-1	L84608-03B	6/16/2008		6/26/2008	Aqueous	Sulfate	14808-79-8	5	29	3.8	mg/L		300.0-W
Res-1	L84608-03A	6/16/2008		6/19/2008	Aqueous	TDS		1	200	50	mg/L		TDS-W
Res-1	L84608-03A	6/16/2008		6/18/2008	Aqueous	TSS		1	24	3	mg/L		TSS-W-2540D
Res-1	L84608-03F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Zinc	7440-66-6	20	0.020	0.0054	mg/L		6020-W-DISS
RES-1	L85972-03B	8/26/2008		8/29/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	240	20	mg/L		2320B-ALK-W
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES-1	L85972-03D	8/26/2008	8/28/2008	8/29/2008	Aqueous	Ammonia (as N)		1	0.11	0.05	mg/L		NH3-W
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.0023	0.0006	mg/L		6020-W-DISS
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	240	20	mg/L		2320B-ALK-W
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	81	10	mg/L	~	ICP-W-dis
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Chloride	16887-00-6	20	61	2	mg/L		300.0-W
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0031	0.0008	mg/L		6020-W-DISS
RES-1	L85972-03E	8/26/2008		9/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	430	10	mg/L		HARD
RES-1	L85972-03F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Iron	7439-89-6	1	1.1	0.05	mg/L		ICP-W
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	10	56	10	mg/L	~	ICP-W-dis
RES-1	L85972-03F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Manganese	7439-96-5	1	0.55	0.005	mg/L		ICP-W
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.11	0.0012	mg/L		6020-W-DISS
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Nitrate (as N)		1	0.054	0.01	mg/L		NO3-W
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES-1	L85972-03C	8/26/2008		9/5/2008	Aqueous	Oil & Grease		1	3.2	3	mg/L		OGB-W
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Phosphorus, Orthophosphate (as	7723-14-0	1	0	0.1	mg/L		300.0-W
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	2.5	1	mg/L		ICP-W-dis
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
RES-1	L85972-03A	8/26/2008		8/28/2008	Aqueous	Settleable Solids		1	2.5	0.1	ml/L		SS-W-2540F
RES-1	L85972-03E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	10	41	10	mg/L	~	ICP-W-dis
RES-1	L85972-03B	8/26/2008		8/28/2008	Aqueous	Sulfate	14808-79-8	20	140	15	mg/L		300.0-W
RES-1	L85972-03A	8/26/2008		8/28/2008	Aqueous	TDS		1	620	20	mg/L		TDS-W
RES-1	L85972-03A	8/26/2008		8/28/2008	Aqueous	TSS		1	200	3	mg/L		TSS-W-2540D
RES-1	L85972-03E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0066	0.0054	mg/L		6020-W-DISS
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Alkalinity,(As CaCO3)		1	300	20	mg/L		2320B-ALK-W
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
RES-1	L87283-03D	10/29/2008	11/6/2008	11/7/2008	Aqueous	Ammonia (as N)		1	0.12	0.05	mg/L		NH3-W
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0.0013	0.0006	mg/L		6020-W-DISS
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Bicarbonate (As CaCO3)		1	300	20	mg/L		2320B-ALK-W
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	79	10	mg/L	~	ICP-W-dis
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
RES-1	L87283-03B	10/29/2008		11/11/2008	Aqueous	Chloride	16887-00-6	20	31	2	mg/L		300.0-W
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0	0.0008	mg/L		6020-W-DISS
RES-1	L87283-03E	10/29/2008		11/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	330	10	mg/L		HARD
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
RES-1	L87283-03F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Iron	7439-89-6	1	3.3	0.05	mg/L		ICP-W
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	33	1	mg/L		ICP-W-dis
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.47	0.0012	mg/L		6020-W-DISS
RES-1	L87283-03F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Manganese	7439-96-5	1	0.65	0.005	mg/L		ICP-W
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Nitrate (as N)		1	0.015	0.01	mg/L		NO3-W
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
RES-1	L87283-03C	10/29/2008		11/2/2008	Aqueous	Oil & Grease		1	4.3	3	mg/L		OGB-W
RES-1	L87283-03B	10/29/2008		10/31/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	7.2	1	mg/L		ICP-W-dis
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
RES-1	L87283-03A	10/29/2008		10/30/2008	Aqueous	Settleable Solids		1	0.20	0.1	ml/L		SS-W-2540F
RES-1	L87283-03E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	22	1	mg/L		ICP-W-dis
RES-1	L87283-03B	10/29/2008		11/11/2008	Aqueous	Sulfate	14808-79-8	20	57	15	mg/L		300.0-W
RES-1	L87283-03A	10/29/2008		10/31/2008	Aqueous	TDS		1	420	20	mg/L		TDS-W
RES-1	L87283-03A	10/29/2008		10/30/2008	Aqueous	TSS		1	99	3	mg/L		TSS-W-2540D
RES-1	L87283-03E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	Settleable Solids		1	0	0.10	mL/L		SS-W-2540F
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	Total Dissolved Solids		2	200	20	mg/L		TDS-W-2540C
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	Total Suspended Solids	TSS	1	11	3.0	mg/L		TSS-W-2540D

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
RES-1	1006480-003	6/23/2010		6/29/2010	Aqueous	Chloride	16887-00-6	10	8.3	1.0	mg/L		300.0-W
RES-1	1006480-003	6/23/2010		6/29/2010	Aqueous	Sulfate	14808-79-8	10	30	7.5	mg/L		300.0-W
RES-1	1006480-003	6/23/2010		6/28/2010	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
RES-1	1006480-003	6/23/2010		6/28/2010	Aqueous	Alkalinity (as CaCO3)		2	170	20	mg/L		ALK-W-2320B
RES-1	1006480-003	6/23/2010		6/28/2010	Aqueous	Bicarbonate (as CaCO3)		2	160	20	mg/L		ALK-W-2320B
RES-1	1006480-003	6/23/2010		6/28/2010	Aqueous	Carbonate (as CaCO3)		2	0	20	mg/L		ALK-W-2320B
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0	0.010	mg/L		NO2-W-353.2
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	Nitrate (as N)	14797-55-8	1	0	0.010	mg/L		NO3-W-353.2
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	pH @ 25° C		1	8.50	1.00	pH Units	H	PH-4500H+B
RES-1	1006480-003	6/23/2010		6/25/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0	0.050	mg/L		PO4-O-365.1
RES-1	1006480-003	6/23/2010		6/30/2010	Aqueous	Oil & Grease		1	0	3.0	mg/L		OGB-W-1664A
RES-1	1006480-003	6/23/2010	6/28/2010	6/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0.089	0.050	mg/L		NH3-W-350.1
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Aluminum	7429-90-5	1	0	0.10	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Boron	7440-42-8	1	0	0.50	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Calcium	7440-70-2	1	44	1.0	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0	0.10	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Magnesium	7439-95-4	1	16	1.0	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.020	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Potassium	7440-09-7	1	2.0	1.0	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Sodium	7440-23-5	1	11	1.0	mg/L		6010C-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Arsenic	7440-38-2	20	0.00071	0.00060	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Copper	7440-50-8	20	0.0039	0.00080	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Lead	7439-92-1	20	0	0.00040	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Manganese	7439-96-5	20	0.0069	0.0012	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Selenium	7782-49-2	20	0	0.00080	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Zinc	7440-66-6	20	0.019	0.0050	mg/L		6020-DIS
RES-1	1006480-003	6/23/2010		6/28/2010	Aqueous	Hardness (as CaCO3)		1	180	10	mg/L		HARD-2340B
RES-1	1006480-003	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0	0.10	mg/L		6010C-W
RES-1	1006480-003	6/23/2010	6/25/2010	6/25/2010	Aqueous	Manganese	7439-96-5	20	0.027	0.0012	mg/L		6020-W
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Acidity		1	80	15	mg/L		ACIDITY-W
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Alkalinity,(As CaCO3)		1	350	10	mg/L		2320B-ALK-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L65736-03F	5/9/2005	5/11/2005	5/12/2005	Aqueous	Ammonia (as N)		1	0.10	0.05	mg/L		NH3-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0.001	0.005	mg/L		6020-W-DISS
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Bicarbonate (As CaCO3)		1	350	10	mg/L		2320B-ALK-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0.07	0.5	mg/L		ICP-W-dis
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	87	10	mg/L		ICP-W-dis
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L65736-03B	5/9/2005		5/18/2005	Aqueous	Chloride	16887-00-6	1	6.6	1	mg/L		300.0-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0.0077	0.004	mg/L		6020-W-DISS
Sulfur Spring	L65736-03D	5/9/2005		5/20/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	350	10	mg/L		HARD
Sulfur Spring	L65736-03C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0.0057	0.005	mg/L		6020-W-DISS
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	10	mg/L		ICP-W-dis
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.16	0.005	mg/L		6020-W-DISS
Sulfur Spring	L65736-03C	5/9/2005	5/11/2005	5/19/2005	Aqueous	Manganese	7439-96-5	1	0.17	0.005	mg/L		6020-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L65736-03E	5/9/2005		5/11/2005	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
Sulfur Spring	L65736-03B	5/9/2005		5/11/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-dis
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0.0075	0.005	mg/L		6020-W-DISS
Sulfur Spring	L65736-03A	5/9/2005		5/10/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/19/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	8.6	1	mg/L		ICP-W-dis
Sulfur Spring	L65736-03B	5/9/2005		5/18/2005	Aqueous	Sulfate	14808-79-8	1	43	10	mg/L		300.0-W
Sulfur Spring	L65736-03A	5/9/2005		5/10/2005	Aqueous	TDS		1	390	10	mg/L		TDS-W
Sulfur Spring	L65736-03A	5/9/2005		5/10/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L65736-03D	5/9/2005	5/11/2005	5/17/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.012	0.01	mg/L		6020-W-DISS
Sulfur Spring	L67580-02B	9/6/2005		9/9/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L67580-02B	9/6/2005		9/8/2005	Aqueous	Alkalinity,(As CaCO3)		1	350	10	mg/L		2320B-ALK-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02F	9/6/2005	9/7/2005	9/8/2005	Aqueous	Ammonia (as N)		1	0.44	0.05	mg/L		NH3-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L67580-02B	9/6/2005		9/8/2005	Aqueous	Bicarbonate (As CaCO3)		1	350	10	mg/L		2320B-ALK-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	82	10	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02B	9/6/2005		9/8/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L67580-02B	9/6/2005		9/13/2005	Aqueous	Chloride	16887-00-6	10	6.8	1	mg/L		300.0-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	340	10	mg/L		HARD
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0.15	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02C	9/6/2005	9/8/2005	9/13/2005	Aqueous	Iron	7439-89-6	1	0.30	0.05	mg/L		ICP-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0.0070	0.005	mg/L		6020-W-DISS
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	31	10	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.055	0.005	mg/L		6020-W-DISS
Sulfur Spring	L67580-02C	9/6/2005	9/8/2005	9/15/2005	Aqueous	Manganese	7439-96-5	1	0.048	0.005	mg/L		6020-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02B	9/6/2005		8/7/2005	Aqueous	Nitrate (as N)		1	0.012	0.01	mg/L		NO3-W
Sulfur Spring	L67580-02B	9/6/2005		9/7/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L67580-02E	9/6/2005		9/7/2005	Aqueous	Oil & Grease		1	4.7	3	mg/L		OGB-W
Sulfur Spring	L67580-02B	9/6/2005		9/8/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.06	mg/L		PO4-O
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	4.2	1	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L67580-02A	9/6/2005		9/7/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	7.6	1	mg/L		ICP-W-DIS
Sulfur Spring	L67580-02B	9/6/2005		9/13/2005	Aqueous	Sulfate	14808-79-8	10	45	10	mg/L		300.0-W
Sulfur Spring	L67580-02A	9/6/2005		9/7/2005	Aqueous	TSS		1	15	3	mg/L		TSS-W
Sulfur Spring	L67580-02D	9/6/2005	9/9/2005	9/15/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.038	0.01	mg/L		6020-W-DISS
Sulfur Spring	L68520-02B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	370	10	mg/L		2320B-ALK-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0.15	0.05	mg/L		NH3-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	370	10	mg/L		2320B-ALK-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	88	5	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Chloride	16887-00-6	1	5.1	5	mg/L		CL-W-LAT
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.029	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		6020-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.010	0.01	mg/L		NO3-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L68520-02E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	8.9	5	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	46	5	mg/L		SO4-W
Sulfur Spring	L68520-02A	10/31/2005		11/1/2005	Aqueous	TDS		1	390	10	mg/L		TDS-W
Sulfur Spring	L68520-02A	10/31/2005		11/1/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.014	0.01	mg/L		6020-W-DISS
Sulfur Spring	L68520-02B	10/31/2005		11/2/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Alkalinity,(As CaCO3)		1	370	10	mg/L		2320B-ALK-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02F	10/31/2005	11/7/2005	11/9/2005	Aqueous	Ammonia (as N)		1	0.15	0.05	mg/L		NH3-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Bicarbonate (As CaCO3)		1	370	10	mg/L		2320B-ALK-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	88	5	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L68520-02B	10/31/2005		11/9/2005	Aqueous	Chloride	16887-00-6	1	5.1	5	mg/L		CL-W-LAT
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02C	10/31/2005	11/1/2005	11/9/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.029	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02C	10/31/2005	11/1/2005	11/10/2005	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		6020-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Nitrate (as N)		1	0.010	0.01	mg/L		NO3-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L68520-02E	10/31/2005		11/2/2005	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Sulfur Spring	L68520-02B	10/31/2005		11/1/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/9/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68520-02A	10/31/2005		11/1/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	8.9	5	mg/L		ICP-W-DIS
Sulfur Spring	L68520-02B	10/31/2005		11/10/2005	Aqueous	Sulfate	14808-79-8	1	46	5	mg/L		SO4-W
Sulfur Spring	L68520-02A	10/31/2005		11/1/2005	Aqueous	TDS		1	390	10	mg/L		TDS-W
Sulfur Spring	L68520-02A	10/31/2005		11/1/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L68520-02D	10/31/2005	11/1/2005	11/10/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.014	0.01	mg/L		6020-W-DISS
Sulfur Spring	L68977-02C	11/28/2005		12/1/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L68977-02C	11/28/2005		11/29/2005	Aqueous	Alkalinity,(As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02F	11/28/2005	12/6/2005	12/7/2005	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68977-02C	11/28/2005		11/29/2005	Aqueous	Bicarbonate (As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Calcium	7440-70-2	5	91	5	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02C	11/28/2005		11/29/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L68977-02C	11/28/2005		12/3/2005	Aqueous	Chloride	16887-00-6	1	6.2	1	mg/L		300.0-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L68977-02E	11/28/2005	11/30/2005	12/6/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	37	1	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Manganese	7439-96-5	1	0.031	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68977-02E	11/28/2005	11/30/2005	12/2/2005	Aqueous	Manganese	7439-96-5	1	0.028	0.005	mg/L		6020-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02C	11/28/2005		11/29/2005	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L68977-02C	11/28/2005		11/29/2005	Aqueous	Nitrite (as N)		1	0.010	0.01	mg/L		NO2-W
Sulfur Spring	L68977-02G	11/28/2005		11/30/2005	Aqueous	Oil & Grease		1	3.6	3	mg/L		OGB-W
Sulfur Spring	L68977-02C	11/28/2005		11/29/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/5/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	4.6	1	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L68977-02A	11/28/2005		11/29/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/6/2005	Aqueous-Dissolved	Sodium	7440-23-5	5	8.8	5	mg/L		ICP-W-DIS
Sulfur Spring	L68977-02C	11/28/2005		12/3/2005	Aqueous	Sulfate	14808-79-8	10	45	10	mg/L		300.0-W
Sulfur Spring	L68977-02B	11/28/2005		12/2/2005	Aqueous	TDS		1	330	10	mg/L		TDS-W
Sulfur Spring	L68977-02A	11/28/2005		11/29/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L68977-02D	11/28/2005	11/30/2005	12/2/2005	Aqueous-Dissolved	Zinc	7440-66-6	1	0.035	0.01	mg/L		6020-W-DISS
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Alkalinity,(As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02E	12/22/2005	12/23/2005	12/28/2005	Aqueous	Ammonia (as N)		1	0.13	0.05	mg/L		NH3-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Arsenic	7440-38-2	2	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Bicarbonate (As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Cadmium	7440-43-9	2	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Calcium	7440-70-2	1	93	1	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L69428-02B	12/22/2005		12/28/2005	Aqueous	Chloride	16887-00-6	1	6.3	1	mg/L		300.0-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Copper	7440-50-8	2	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02D	12/22/2005	12/23/2005	12/27/2005	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Lead	7439-92-1	2	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02D	12/22/2005	12/23/2005	12/28/2005	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		6020-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Manganese	7439-96-5	2	0.035	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Nitrite (as N)		1	0.010	0.01	mg/L		NO2-W
Sulfur Spring	L69428-02F	12/22/2005		12/28/2005	Aqueous	Oil & Grease		1	4.2	3	mg/L		OGB-W
Sulfur Spring	L69428-02B	12/22/2005		12/23/2005	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Selenium	7782-49-2	2	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69428-02A	12/22/2005		12/23/2005	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/27/2005	Aqueous-Dissolved	Sodium	7440-23-5	1	9.1	1	mg/L		ICP-W-DIS
Sulfur Spring	L69428-02B	12/22/2005		12/28/2005	Aqueous	Sulfate	14808-79-8	10	46	10	mg/L		300.0-W
Sulfur Spring	L69428-02A	12/22/2005		12/23/2005	Aqueous	TDS		1	420	10	mg/L		TDS-W
Sulfur Spring	L69428-02A	12/22/2005		12/23/2005	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L69428-02C	12/22/2005	12/23/2005	12/28/2005	Aqueous-Dissolved	Zinc	7440-66-6	2	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Alkalinity,(As CaCO3)		1	350	10	mg/L		2320B-ALK-W
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03C	1/23/2006	1/31/2006	2/1/2006	Aqueous	Ammonia (as N)		1	0.059	0.05	mg/L		NH3-W
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Bicarbonate (As CaCO3)		1	350	10	mg/L		2320B-ALK-W
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	89	10	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L69847-03B	1/23/2006		1/27/2006	Aqueous	Chloride	16887-00-6	1	6.4	1	mg/L		300.0-W
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L69847-03F	1/23/2006		1/27/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Sulfur Spring	L69847-03E	1/23/2006	1/24/2006	1/27/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	10	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.030	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69847-03E	1/23/2006	1/24/2006	1/30/2006	Aqueous	Manganese	7439-96-5	1	0.032	0.005	mg/L		6020-W
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L69847-03D	1/23/2006		1/24/2006	Aqueous	Oil & Grease		1	4.3	3	mg/L		OGB-W
Sulfur Spring	L69847-03B	1/23/2006		1/24/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	4.7	1	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L69847-03A	1/23/2006		1/24/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L69847-03F	1/23/2006	2/2/2006	2/4/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.4	1	mg/L		ICP-W-DIS
Sulfur Spring	L69847-03B	1/23/2006		1/27/2006	Aqueous	Sulfate	14808-79-8	1	44	10	mg/L		300.0-W
Sulfur Spring	L69847-03A	1/23/2006		1/24/2006	Aqueous	TDS		1	380	10	mg/L		TDS-W
Sulfur Spring	L69847-03A	1/23/2006		1/24/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L69847-03F	1/23/2006	1/24/2006	1/31/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.029	0.01	mg/L		6020-W-DISS
Sulfur Spring	L70355-01A	2/26/2006		2/28/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L70355-01A	2/26/2006		2/28/2006	Aqueous	Alkalinity,(As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01C	2/26/2006	3/2/2006	3/2/2006	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L70355-01A	2/26/2006		2/28/2006	Aqueous	Bicarbonate (As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	93	10	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01A	2/26/2006		2/28/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L70355-01A	2/26/2006		3/1/2006	Aqueous	Chloride	16887-00-6	1	6.4	1	mg/L		300.0-W
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0.0079	0.004	mg/L		6020-W-DISS
Sulfur Spring	L70355-01F	2/26/2006		3/7/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L70355-01E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01E	2/26/2006	2/28/2006	2/28/2006	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W
Sulfur Spring	L70355-01F	2/26/2006	3/13/2006	3/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01A	2/26/2006		2/27/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L70355-01A	2/26/2006		2/27/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	1	NO2-W
Sulfur Spring	L70355-01D	2/26/2006		2/27/2006	Aqueous	Oil & Grease		1	3.5	3	mg/L		OGB-W
Sulfur Spring	L70355-01A	2/26/2006		2/27/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	@	PO4-O
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	5.3	1	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L70355-01B	2/26/2006		2/27/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/7/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.6	1	mg/L		ICP-W-DIS
Sulfur Spring	L70355-01A	2/26/2006		3/1/2006	Aqueous	Sulfate	14808-79-8	10	43	10	mg/L		300.0-W
Sulfur Spring	L70355-01B	2/26/2006		3/3/2006	Aqueous	TDS		1	300	10	mg/L		TDS-W
Sulfur Spring	L70355-01B	2/26/2006		2/28/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L70355-01F	2/26/2006	2/27/2006	3/10/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.12	0.01	mg/L		6020-W-DISS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	89	10	mg/L	2	ICP-W-DIS
Sulfur Spring	L70885-03B	3/27/2006		3/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L70885-03B	3/27/2006		3/29/2006	Aqueous	Chloride	16887-00-6	1	7.2	1	mg/L		300.0-W
Sulfur Spring	L70885-03B	3/27/2006		3/30/2006	Aqueous	Conductivity		1	710	2	umhos/cm		COND-W
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L70885-03E	3/27/2006		4/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L70885-03D	3/27/2006	4/6/2006	4/9/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	37	1	mg/L		ICP-W-DIS
Sulfur Spring	L70885-03D	3/27/2006	4/3/2006	4/4/2006	Aqueous	Manganese	7439-96-5	1	0.032	0.005	mg/L		ICP-W
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.033	0.005	mg/L		6020-W-DISS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L70885-03B	3/27/2006		3/29/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L70885-03B	3/27/2006		3/29/2006	Aqueous	Nitrite (as N)		1	0.10	0.01	mg/L		NO2-W
Sulfur Spring	L70885-03F	3/27/2006		3/28/2006	Aqueous	Oil & Grease		1	4.6	3	mg/L		OGB-W
Sulfur Spring	L70885-03B	3/27/2006		3/28/2006	Aqueous	pH @ 25° C		1	7.38	0	pH Units		PH-W
Sulfur Spring	L70885-03B	3/27/2006		3/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	5.4	1	mg/L		ICP-W-DIS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L70885-03A	3/27/2006		3/28/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/11/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.4	1	mg/L		ICP-W-DIS
Sulfur Spring	L70885-03B	3/27/2006		3/29/2006	Aqueous	Sulfate	14808-79-8	10	44	10	mg/L		300.0-W
Sulfur Spring	L70885-03A	3/27/2006		3/31/2006	Aqueous	TDS		1	230	10	mg/L		TDS-W
Sulfur Spring	L70885-03A	3/27/2006		3/28/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L70885-03E	3/27/2006	4/3/2006	4/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.042	0.01	mg/L		6020-W-DISS
Sulfur Spring	L71507-02B	4/26/2006		5/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L71507-02B	4/26/2006		5/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	380	10	mg/L		2320B-ALK-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L71507-02C	4/26/2006	5/3/2006	5/3/2006	Aqueous	Ammonia (as N)		1	0.15	0.05	mg/L		NH3-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L71507-02B	4/26/2006		5/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	380	10	mg/L		2320B-ALK-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	95	10	mg/L		ICP-W-dis
Sulfur Spring	L71507-02B	4/26/2006		5/2/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L71507-02B	4/26/2006		5/12/2006	Aqueous	Chloride	16887-00-6	1	6.1	1	mg/L		300.0-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L71507-02E	4/26/2006		5/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	390	10	mg/L		HARD
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L71507-02D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	38	10	mg/L		ICP-W-dis
Sulfur Spring	L71507-02D	4/26/2006	5/3/2006	5/11/2006	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.027	0.005	mg/L		6020-W-DISS
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L71507-02C	4/26/2006		5/4/2006	Aqueous	Nitrate/Nitrite (as N)		1	0.022	0.01	mg/L		NO2/NO3-W
Sulfur Spring	L71507-02F	4/26/2006		5/5/2006	Aqueous	Oil & Grease		1	3.9	3	mg/L		OGB-W
Sulfur Spring	L71507-02B	4/26/2006		4/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0.02	0.05	mg/L		PO4-O
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	4.3	1	mg/L		ICP-W-dis
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L71507-02A	4/26/2006		4/28/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	10	19	10	mg/L		ICP-W-dis
Sulfur Spring	L71507-02B	4/26/2006		5/12/2006	Aqueous	Sulfate	14808-79-8	1	29	10	mg/L		300.0-W
Sulfur Spring	L71507-02A	4/26/2006		4/28/2006	Aqueous	TDS		1	360	10	mg/L		TDS-W
Sulfur Spring	L71507-02A	4/26/2006		4/28/2006	Aqueous	TSS		1	17	3	mg/L		TSS-W
Sulfur Spring	L71507-02E	4/26/2006	5/2/2006	5/13/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.034	0.01	mg/L		6020-W-DISS
Sulfur Spring	L72071-02B	5/25/2006		5/30/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L72071-02B	5/25/2006		5/30/2006	Aqueous	Alkalinity,(As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02C	5/25/2006	5/30/2006	5/31/2006	Aqueous	Ammonia (as N)		1	0.075	0.05	mg/L	1	NH3-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72071-02B	5/25/2006		5/30/2006	Aqueous	Bicarbonate (As CaCO3)		1	340	10	mg/L		2320B-ALK-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	84	10	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02B	5/25/2006		5/30/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L72071-02B	5/25/2006		6/1/2006	Aqueous	Chloride	16887-00-6	1	6.2	1	mg/L		300.0-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L72071-02E	5/25/2006		6/9/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	210	10	mg/L		HARD
Sulfur Spring	L72071-02D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	10	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.028	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72071-02D	5/25/2006	5/29/2006	6/8/2006	Aqueous	Manganese	7439-96-5	1	0.029	0.005	mg/L		ICP-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02B	5/25/2006		5/26/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L72071-02B	5/25/2006		5/26/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L72071-02F	5/25/2006		5/30/2006	Aqueous	Oil & Grease		1	3.7	3	mg/L		OGB-W
Sulfur Spring	L72071-02B	5/25/2006		5/26/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72071-02A	5/25/2006		5/26/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/9/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.6	1	mg/L		ICP-W-DIS
Sulfur Spring	L72071-02B	5/25/2006		6/1/2006	Aqueous	Sulfate	14808-79-8	1	41	10	mg/L		300.0-W
Sulfur Spring	L72071-02A	5/25/2006		5/26/2006	Aqueous	TDS		1	350	10	mg/L		TDS-W
Sulfur Spring	L72071-02A	5/25/2006		5/26/2006	Aqueous	TSS		1	3.0	3	mg/L		TSS-W
Sulfur Spring	L72071-02E	5/25/2006	5/30/2006	6/8/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L72660-03B	6/29/2006		7/3/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L72660-03B	6/29/2006		7/3/2006	Aqueous	Alkalinity,(As CaCO3)		1	330	20	mg/L		2320B-ALK-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03C	6/29/2006	7/5/2006	7/7/2006	Aqueous	Ammonia (as N)		1	0.064	0.05	mg/L		NH3-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72660-03B	6/29/2006		7/3/2006	Aqueous	Bicarbonate (As CaCO3)		1	330	20	mg/L		2320B-ALK-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Calcium	7440-70-2	1	84	10	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03B	6/29/2006		7/3/2006	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Sulfur Spring	L72660-03B	6/29/2006		7/5/2006	Aqueous	Chloride	16887-00-6	1	6.2	1	mg/L		300.0-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L72660-03E	6/29/2006		7/11/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	390	10	mg/L		HARD
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	10	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03D	6/29/2006	7/5/2006	7/11/2006	Aqueous	Manganese	7439-96-5	1	0.029	0.005	mg/L		ICP-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.029	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03B	6/29/2006		6/30/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L72660-03B	6/29/2006		6/30/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L72660-03F	6/29/2006		6/30/2006	Aqueous	Oil & Grease		1	4.4	3	mg/L		OGB-W
Sulfur Spring	L72660-03B	6/29/2006		6/30/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	4.4	1	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L72660-03A	6/29/2006		6/30/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/12/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	7.8	1	mg/L		ICP-W-DIS
Sulfur Spring	L72660-03B	6/29/2006		7/5/2006	Aqueous	Sulfate	14808-79-8	1	44	10	mg/L		300.0-W
Sulfur Spring	L72660-03A	6/29/2006		6/30/2006	Aqueous	TDS		1	310	20	mg/L		TDS-W
Sulfur Spring	L72660-03A	6/29/2006		6/30/2006	Aqueous	TSS		1	6.0	3	mg/L		TSS-W
Sulfur Spring	L72660-03E	6/29/2006	7/5/2006	7/11/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04C	7/31/2006	8/2/2006	8/4/2006	Aqueous	Ammonia (as N)		1	0.089	0.05	mg/L		NH3-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	90	10	mg/L	2	ICP-W-DIS
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Carbonate (As CaCO3)		1	10	20	mg/L		2320B-ALK-W
Sulfur Spring	L73160-04B	7/31/2006		8/4/2006	Aqueous	Chloride	16887-00-6	1	6.3	1	mg/L		300.0-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L73160-04E	7/31/2006		8/15/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L73160-04D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04D	7/31/2006	8/3/2006	8/8/2006	Aqueous	Manganese	7439-96-5	1	0.029	0.005	mg/L		ICP-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.030	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L73160-04F	7/31/2006		8/8/2006	Aqueous	Oil & Grease		1	3.2	3	mg/L		OGB-W
Sulfur Spring	L73160-04B	7/31/2006		8/2/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/14/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	4.5	1	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73160-04A	7/31/2006		8/2/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/15/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.4	1	mg/L		ICP-W-DIS
Sulfur Spring	L73160-04B	7/31/2006		8/4/2006	Aqueous	Sulfate	14808-79-8	1	47	10	mg/L		300.0-W
Sulfur Spring	L73160-04A	7/31/2006		8/3/2006	Aqueous	TDS		1	330	20	mg/L		TDS-W
Sulfur Spring	L73160-04A	7/31/2006		8/2/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L73160-04E	7/31/2006	8/3/2006	8/4/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0.022	0.01	mg/L		6020-W-DISS
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04C	8/21/2006	8/23/2006	8/24/2006	Aqueous	Ammonia (as N)		1	0.17	0.05	mg/L		NH3-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	88	10	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L73504-04B	8/21/2006		8/24/2006	Aqueous	Chloride	16887-00-6	1	6.6	1	mg/L		300.0-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L73504-04E	8/21/2006		9/5/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Sulfur Spring	L73504-04D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	35	10	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Manganese	7439-96-5	5	0.030	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73504-04D	8/21/2006	8/23/2006	9/1/2006	Aqueous	Manganese	7439-96-5	1	0.031	0.005	mg/L		ICP-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L73504-04F	8/21/2006		8/23/2006	Aqueous	Oil & Grease		1	5.3	3	mg/L		OGB-W
Sulfur Spring	L73504-04B	8/21/2006		8/23/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	4.7	1	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L73504-04A	8/21/2006		8/23/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	9/5/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.7	1	mg/L		ICP-W-DIS
Sulfur Spring	L73504-04B	8/21/2006		8/24/2006	Aqueous	Sulfate	14808-79-8	1	47	10	mg/L		300.0-W
Sulfur Spring	L73504-04A	8/21/2006		8/25/2006	Aqueous	TDS		1	320	20	mg/L		TDS-W
Sulfur Spring	L73504-04A	8/21/2006		8/23/2006	Aqueous	TSS		1	3.0	3	mg/L		TSS-W
Sulfur Spring	L73504-04E	8/21/2006	8/23/2006	8/25/2006	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Alkalinity,(As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L74688-02C	10/30/2006	11/1/2006	11/3/2006	Aqueous	Ammonia (as N)		1	0.064	0.05	mg/L		NH3-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Bicarbonate (As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-DIS
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	89	10	mg/L	*	ICP-W-DIS
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L74688-02B	10/30/2006		11/9/2006	Aqueous	Chloride	16887-00-6	1	6.5	1	mg/L		300.0-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L74688-02F	10/30/2006		11/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-DIS
Sulfur Spring	L74688-02E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Magnesium	7439-95-4	10	37	10	mg/L	*	ICP-W-DIS
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.032	0.005	mg/L		6020-W-DISS
Sulfur Spring	L74688-02E	10/30/2006	11/1/2006	11/13/2006	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-DIS
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Nitrate (as N)		1	0.019	0.01	mg/L		NO3-W
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L74688-02D	10/30/2006		11/1/2006	Aqueous	Oil & Grease		1	3.7	3	mg/L		OGB-W
Sulfur Spring	L74688-02B	10/30/2006		11/1/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	5.1	1	mg/L		ICP-W-DIS
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L74688-02A	10/30/2006		11/1/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/13/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	8.9	1	mg/L		ICP-W-DIS
Sulfur Spring	L74688-02B	10/30/2006		11/9/2006	Aqueous	Sulfate	14808-79-8	1	46	10	mg/L		300.0-W
Sulfur Spring	L74688-02A	10/30/2006		11/1/2006	Aqueous	TDS		1	360	20	mg/L		TDS-W
Sulfur Spring	L74688-02A	10/30/2006		11/1/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L74688-02F	10/30/2006	11/2/2006	11/6/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Alkalinity,(As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/13/2006	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L75142-02C	11/27/2006	11/30/2006	12/1/2006	Aqueous	Ammonia (as N)		1	0.084	0.05	mg/L		NH3-W
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Bicarbonate (As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/13/2006	Aqueous-Dissolved	Calcium	7440-70-2	10	93	10	mg/L	*	ICP-W-DIS
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Chloride	16887-00-6	1	6.1	1	mg/L		300.0-W
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L75142-02F	11/27/2006		12/13/2006	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	390	10	mg/L		HARD
Sulfur Spring	L75142-02E	11/27/2006	11/29/2006	12/11/2006	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Magnesium	7439-95-4	1	38	1	mg/L	*	ICP-W-dis
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Manganese	7439-96-5	1	0.032	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75142-02E	11/27/2006	11/29/2006	12/11/2006	Aqueous	Manganese	7439-96-5	1	0.030	0.005	mg/L		ICP-W
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L75142-02D	11/27/2006		11/29/2006	Aqueous	Oil & Grease		1	3.6	3	mg/L		OGB-W
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/11/2006	Aqueous-Dissolved	Potassium	7440-09-7	1	5.2	1	mg/L		ICP-W-dis
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	12/13/2006	Aqueous-Dissolved	Sodium	7440-23-5	1	9.0	1	mg/L		ICP-W-dis
Sulfur Spring	L75142-02B	11/27/2006		11/29/2006	Aqueous	Sulfate	14808-79-8	1	43	10	mg/L		300.0-W
Sulfur Spring	L75142-02A	11/27/2006		12/1/2006	Aqueous	TDS		1	350	20	mg/L		TDS-W
Sulfur Spring	L75142-02A	11/27/2006		11/29/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L75142-02F	11/27/2006	11/29/2006	11/30/2006	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L75586-02B	12/26/2006		1/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L75586-02B	12/26/2006		1/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L75586-02C	12/26/2006	12/28/2006	12/29/2006	Aqueous	Ammonia (as N)		1	0.093	0.05	mg/L		NH3-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75586-02B	12/26/2006		1/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	93	10	mg/L	*	ICP-W-dis
Sulfur Spring	L75586-02B	12/26/2006		1/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L75586-02B	12/26/2006		1/2/2007	Aqueous	Chloride	16887-00-6	1	6.5	1	mg/L		300.0-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L75586-02F	12/26/2006		1/5/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L75586-02E	12/26/2006	1/2/2007	1/3/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	36	10	mg/L	*	ICP-W-dis
Sulfur Spring	L75586-02E	12/26/2006	1/2/2007	1/3/2007	Aqueous	Manganese	7439-96-5	1	0.026	0.005	mg/L		ICP-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0.029	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L75586-02B	12/26/2006		12/28/2006	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L75586-02B	12/26/2006		12/28/2006	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L75586-02D	12/26/2006		12/29/2006	Aqueous	Oil & Grease		1	3.3	3	mg/L		OGB-W
Sulfur Spring	L75586-02B	12/26/2006		12/28/2006	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	5.5	1	mg/L		ICP-W-dis
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L75586-02A	12/26/2006		12/28/2006	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/5/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	9.1	1	mg/L		ICP-W-dis
Sulfur Spring	L75586-02B	12/26/2006		1/2/2007	Aqueous	Sulfate	14808-79-8	1	42	5	mg/L		300.0-W
Sulfur Spring	L75586-02A	12/26/2006		12/29/2006	Aqueous	TDS		1	370	20	mg/L		TDS-W
Sulfur Spring	L75586-02A	12/26/2006		12/28/2006	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L75586-02F	12/26/2006	1/2/2007	1/3/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L76053-02B	1/31/2007		2/5/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L76053-02B	1/31/2007		2/5/2007	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L76053-02C	1/31/2007	2/2/2007	2/5/2007	Aqueous	Ammonia (as N)		1	0.097	0.05	mg/L		NH3-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76053-02B	1/31/2007		2/5/2007	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	89	10	mg/L	*	ICP-W-dis
Sulfur Spring	L76053-02B	1/31/2007		2/5/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Sulfur Spring	L76053-02B	1/31/2007		2/2/2007	Aqueous	Chloride	16887-00-6	1	6.4	1	mg/L		300.0-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L76053-02F	1/31/2007		2/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L76053-02E	1/31/2007	2/2/2007	2/7/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	37	1	mg/L		ICP-W-dis
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0.025	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76053-02E	1/31/2007	2/2/2007	2/7/2007	Aqueous	Manganese	7439-96-5	1	0.027	0.005	mg/L		ICP-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L76053-02B	1/31/2007		2/2/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L76053-02B	1/31/2007		2/2/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L76053-02D	1/31/2007		2/9/2007	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
Sulfur Spring	L76053-02B	1/31/2007		2/2/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	5.1	1	mg/L		ICP-W-dis
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76053-02A	1/31/2007		2/2/2007	Aqueous	Settable Solids		1	0	0.1	ml/L		SS
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	8.8	1	mg/L		ICP-W-dis
Sulfur Spring	L76053-02B	1/31/2007		2/2/2007	Aqueous	Sulfate	14808-79-8	1	41	5	mg/L		300.0-W
Sulfur Spring	L76053-02A	1/31/2007		2/2/2007	Aqueous	TDS		1	390	20	mg/L		TDS-W
Sulfur Spring	L76053-02A	1/31/2007		2/2/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L76053-02F	1/31/2007	2/5/2007	2/5/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0.010	0.01	mg/L		6020-W-DISS
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Alkalinity,(As CaCO3)		1	290	20	mg/L		2320B-ALK-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L76314-02C	2/19/2007	2/21/2007	2/22/2007	Aqueous	Ammonia (as N)		1	0.10	0.05	mg/L		NH3-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Arsenic	7440-38-2	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Bicarbonate (As CaCO3)		1	290	20	mg/L		2320B-ALK-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Cadmium	7440-43-9	10	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	94	10	mg/L	*	ICP-W-dis
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Chloride	16887-00-6	1	6.6	1	mg/L		300.0-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Copper	7440-50-8	10	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L76314-02F	2/19/2007		2/26/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L76314-02E	2/19/2007	2/21/2007	2/23/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Lead	7439-92-1	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-dis
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Manganese	7439-96-5	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76314-02E	2/19/2007	2/21/2007	2/23/2007	Aqueous	Manganese	7439-96-5	1	0.027	0.005	mg/L		ICP-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L76314-02D	2/19/2007		2/27/2007	Aqueous	Oil & Grease		1	3.6	3	mg/L		OGB-W
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.9	1	mg/L		ICP-W-dis
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Selenium	7782-49-2	10	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/26/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	8.0	1	mg/L		ICP-W-dis
Sulfur Spring	L76314-02B	2/19/2007		2/21/2007	Aqueous	Sulfate	14808-79-8	1	42	5	mg/L		300.0-W
Sulfur Spring	L76314-02A	2/19/2007		2/22/2007	Aqueous	TDS		1	340	10	mg/L		TDS-W
Sulfur Spring	L76314-02A	2/19/2007		2/21/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L76314-02F	2/19/2007	2/21/2007	2/22/2007	Aqueous-Dissolved	Zinc	7440-66-6	10	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L76981-02B	3/29/2007		4/2/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L76981-02B	3/29/2007		4/2/2007	Aqueous	Alkalinity,(As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L76981-02C	3/29/2007	3/30/2007	4/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76981-02B	3/29/2007		4/2/2007	Aqueous	Bicarbonate (As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	90	10	mg/L	*	ICP-W-dis
Sulfur Spring	L76981-02B	3/29/2007		4/2/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L76981-02B	3/29/2007		3/31/2007	Aqueous	Chloride	16887-00-6	1	6.5	1	mg/L		300.0-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L76981-02F	3/29/2007		4/11/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	380	10	mg/L		HARD
Sulfur Spring	L76981-02E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	37	1	mg/L		ICP-W-dis
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.031	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76981-02E	3/29/2007	4/2/2007	4/9/2007	Aqueous	Manganese	7439-96-5	1	0.032	0.005	mg/L		ICP-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L76981-02B	3/29/2007		3/30/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L76981-02B	3/29/2007		3/30/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L76981-02D	3/29/2007		3/30/2007	Aqueous	Oil & Grease		1	3.1	3	mg/L		OGB-W
Sulfur Spring	L76981-02B	3/29/2007		3/30/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	5.9	1	mg/L		ICP-W-dis
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/11/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	8.8	1	mg/L		ICP-W-dis
Sulfur Spring	L76981-02B	3/29/2007		3/31/2007	Aqueous	Sulfate	14808-79-8	5	44	5	mg/L		300.0-W
Sulfur Spring	L76981-02A	3/29/2007		3/30/2007	Aqueous	TDS		1	340	20	mg/L		TDS-W
Sulfur Spring	L76981-02A	3/29/2007		3/30/2007	Aqueous	TSS		1	4.0	3	mg/L		TSS-W
Sulfur Spring	L76981-02F	3/29/2007	4/2/2007	4/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L77519-02B	4/25/2007		4/30/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W
Sulfur Spring	L77519-02B	4/25/2007		4/30/2007	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L77519-02C	4/25/2007	5/1/2007	5/2/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Arsenic	7440-38-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L77519-02B	4/25/2007		4/30/2007	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Cadmium	7440-43-9	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	90	10	mg/L	*	ICP-W-dis
Sulfur Spring	L77519-02B	4/25/2007		4/30/2007	Aqueous	Carbonate (As CaCO3)		1	0	20	mg/L		2320B-ALK-W
Sulfur Spring	L77519-02B	4/25/2007		4/29/2007	Aqueous	Chloride	16887-00-6	1	6.6	1	mg/L		300.0-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Copper	7440-50-8	1	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L77519-02F	4/25/2007		5/9/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L77519-02E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Lead	7439-92-1	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-dis
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Manganese	7439-96-5	1	0.031	0.005	mg/L		6020-W-DISS
Sulfur Spring	L77519-02E	4/25/2007	5/4/2007	5/9/2007	Aqueous	Manganese	7439-96-5	1	0.029	0.005	mg/L		ICP-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L77519-02B	4/25/2007		4/27/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L77519-02B	4/25/2007		4/27/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L77519-02D	4/25/2007		5/3/2007	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Sulfur Spring	L77519-02B	4/25/2007		4/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.9	1	mg/L		ICP-W-dis
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Selenium	7782-49-2	1	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/9/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	8.5	1	mg/L		ICP-W-dis
Sulfur Spring	L77519-02B	4/25/2007		4/29/2007	Aqueous	Sulfate	14808-79-8	10	45	10	mg/L		300.0-W
Sulfur Spring	L77519-02A	4/25/2007		4/30/2007	Aqueous	TDS		1	380	20	mg/L		TDS-W
Sulfur Spring	L77519-02A	4/25/2007		4/27/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W
Sulfur Spring	L77519-02F	4/25/2007	4/30/2007	5/2/2007	Aqueous-Dissolved	Zinc	7440-66-6	1	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L78061-02B	5/29/2007		6/4/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L78061-02B	5/29/2007		6/4/2007	Aqueous	Alkalinity,(As CaCO3)		1	330	20	mg/L		2320B-ALK-W
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L78061-02C	5/29/2007	6/1/2007	6/6/2007	Aqueous	Ammonia (as N)		1	0.093	0.05	mg/L	*	NH3-W
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78061-02B	5/29/2007		6/4/2007	Aqueous	Bicarbonate (As CaCO3)		1	330	20	mg/L		2320B-ALK-W
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	94	10	mg/L	*	ICP-W-dis
Sulfur Spring	L78061-02B	5/29/2007		6/4/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L78061-02B	5/29/2007		5/30/2007	Aqueous	Chloride	16887-00-6	1	6.4	1	mg/L		300.0-W
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L78061-02F	5/29/2007		6/12/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	390	10	mg/L		HARD
Sulfur Spring	L78061-02E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Iron	7439-89-6	1	0.054	0.05	mg/L		ICP-W
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	37	1	mg/L		ICP-W-dis
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.029	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78061-02E	5/29/2007	6/5/2007	6/12/2007	Aqueous	Manganese	7439-96-5	1	0.027	0.005	mg/L		ICP-W
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L78061-02B	5/29/2007		5/30/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L78061-02B	5/29/2007		5/30/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L78061-02D	5/29/2007		6/1/2007	Aqueous	Oil & Grease		1	5.3	3	mg/L		OGB-W
Sulfur Spring	L78061-02B	5/29/2007		5/31/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.3	1	mg/L		ICP-W-dis
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78061-02A	5/29/2007		5/30/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/12/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	7.4	1	mg/L		ICP-W-dis
Sulfur Spring	L78061-02B	5/29/2007		5/31/2007	Aqueous	Sulfate	14808-79-8	10	46	10	mg/L		300.0-W
Sulfur Spring	L78061-02A	5/29/2007		6/1/2007	Aqueous	TDS		1	380	20	mg/L		TDS-W
Sulfur Spring	L78061-02A	5/29/2007		5/30/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D
Sulfur Spring	L78061-02F	5/29/2007	5/31/2007	6/1/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0	0.01	mg/L		6020-W-DISS
Sulfur Spring	L78574-02B	6/25/2007		6/28/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L78574-02B	6/25/2007		6/28/2007	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L78574-02C	6/25/2007	6/28/2007	6/29/2007	Aqueous	Ammonia (as N)		1	0.060	0.05	mg/L		NH3-W
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78574-02B	6/25/2007		6/28/2007	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	83	10	mg/L	*	ICP-W-dis
Sulfur Spring	L78574-02B	6/25/2007		6/28/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L78574-02B	6/25/2007		7/9/2007	Aqueous	Chloride	16887-00-6	2	7.2	2	mg/L		300.0-W
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0.0046	0.004	mg/L		6020-W-DISS
Sulfur Spring	L78574-02F	6/25/2007		7/2/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	340	10	mg/L		HARD
Sulfur Spring	L78574-02E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	33	10	mg/L	*	ICP-W-dis
Sulfur Spring	L78574-02E	6/25/2007	6/27/2007	7/2/2007	Aqueous	Manganese	7439-96-5	1	0.029	0.005	mg/L		ICP-W
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.039	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L78574-02B	6/25/2007		6/28/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L	H	NO3-W
Sulfur Spring	L78574-02B	6/25/2007		6/28/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	H	NO2-W
Sulfur Spring	L78574-02D	6/25/2007		7/5/2007	Aqueous	Oil & Grease		1	4.8	3	mg/L		OGB-W
Sulfur Spring	L78574-02B	6/25/2007		6/27/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.3	1	mg/L		ICP-W-dis
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L78574-02A	6/25/2007		6/27/2007	Aqueous	Settleable Solids		1	0	0.1	mL/L		SS-W-2540F
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/2/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	16	1	mg/L		ICP-W-dis
Sulfur Spring	L78574-02B	6/25/2007		7/7/2007	Aqueous	Sulfate	14808-79-8	10	46	10	mg/L		300.0-W
Sulfur Spring	L78574-02A	6/25/2007		6/27/2007	Aqueous	TDS		1	360	20	mg/L		TDS-W
Sulfur Spring	L78574-02A	6/25/2007		6/27/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D
Sulfur Spring	L78574-02F	6/25/2007	6/28/2007	7/9/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.020	0.01	mg/L		6020-W-DISS
Sulfur Spring	L79156-01B	7/30/2007		8/6/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L79156-01B	7/30/2007		8/3/2007	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L79156-01C	7/30/2007	8/2/2007	8/3/2007	Aqueous	Ammonia (as N)		1	0	0.05	mg/L		NH3-W
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Arsenic	7440-38-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L79156-01B	7/30/2007		8/3/2007	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Cadmium	7440-43-9	5	0	0.004	mg/L		6020-W-DISS
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	89	10	mg/L	*	ICP-W-dis
Sulfur Spring	L79156-01B	7/30/2007		8/3/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L79156-01B	7/30/2007		8/11/2007	Aqueous	Chloride	16887-00-6	5	6.3	5	mg/L		300.0-W
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Copper	7440-50-8	5	0.0090	0.004	mg/L		6020-W-DISS
Sulfur Spring	L79156-01F	7/30/2007		8/10/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L79156-01E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Lead	7439-92-1	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Magnesium	7439-95-4	10	35	10	mg/L	*	ICP-W-dis
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Manganese	7439-96-5	5	0.038	0.005	mg/L		6020-W-DISS
Sulfur Spring	L79156-01E	7/30/2007	8/2/2007	8/7/2007	Aqueous	Manganese	7439-96-5	1	0.031	0.005	mg/L		ICP-W
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L79156-01B	7/30/2007		8/2/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L	H	NO3-W
Sulfur Spring	L79156-01B	7/30/2007		8/2/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L	1H	NO2-W
Sulfur Spring	L79156-01D	7/30/2007		8/6/2007	Aqueous	Oil & Grease		1	3.7	3	mg/L		OGB-W
Sulfur Spring	L79156-01B	7/30/2007		8/2/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	1H	PO4-O
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.9	1	mg/L		ICP-W-dis
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Selenium	7782-49-2	5	0	0.005	mg/L		6020-W-DISS
Sulfur Spring	L79156-01A	7/30/2007		8/2/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L	H	SS-W-2540F
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/10/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	8.5	1	mg/L		ICP-W-dis
Sulfur Spring	L79156-01B	7/30/2007		8/11/2007	Aqueous	Sulfate	14808-79-8	5	47	5	mg/L		300.0-W
Sulfur Spring	L79156-01A	7/30/2007		8/3/2007	Aqueous	TDS		1	390	10	mg/L		TDS-W
Sulfur Spring	L79156-01A	7/30/2007		8/2/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D
Sulfur Spring	L79156-01F	7/30/2007	8/3/2007	8/6/2007	Aqueous-Dissolved	Zinc	7440-66-6	5	0.018	0.01	mg/L		6020-W-DISS
Sulfur Spring	L81026-02B	11/12/2007		11/15/2007	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L81026-02B	11/12/2007		11/15/2007	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L81026-02C	11/12/2007	11/15/2007	11/15/2007	Aqueous	Ammonia (as N)		1	0.085	0.05	mg/L		NH3-W
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Sulfur Spring	L81026-02B	11/12/2007		11/15/2007	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Calcium	7440-70-2	10	86	10	mg/L	#	ICP-W-dis
Sulfur Spring	L81026-02B	11/12/2007		11/15/2007	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L81026-02B	11/12/2007		11/21/2007	Aqueous	Chloride	16887-00-6	5	6.0	5	mg/L		300.0-W
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Copper	7440-50-8	20	0.0012	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L81026-02F	11/12/2007		11/27/2007	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print

Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L81026-02E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0001	mg/L		6020-W-DISS
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-dis
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Manganese	7439-96-5	20	0.028	0.0012	mg/L		6020-W-DISS
Sulfur Spring	L81026-02E	11/12/2007	11/15/2007	11/27/2007	Aqueous	Manganese	7439-96-5	1	0.028	0.005	mg/L		ICP-W
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L81026-02B	11/12/2007		11/14/2007	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L81026-02B	11/12/2007		11/14/2007	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L81026-02D	11/12/2007		11/18/2007	Aqueous	Oil & Grease		1	4.2	3	mg/L		OGB-W
Sulfur Spring	L81026-02B	11/12/2007		11/14/2007	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Potassium	7440-09-7	1	4.4	1	mg/L		ICP-W-dis
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L81026-02A	11/12/2007		11/14/2007	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/27/2007	Aqueous-Dissolved	Sodium	7440-23-5	1	8.8	1	mg/L		ICP-W-dis
Sulfur Spring	L81026-02B	11/12/2007		11/21/2007	Aqueous	Sulfate	14808-79-8	5	43	5	mg/L		300.0-W
Sulfur Spring	L81026-02A	11/12/2007		11/14/2007	Aqueous	TDS		1	440	20	mg/L		TDS-W
Sulfur Spring	L81026-02A	11/12/2007		11/14/2007	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D
Sulfur Spring	L81026-02F	11/12/2007	11/15/2007	11/16/2007	Aqueous-Dissolved	Zinc	7440-66-6	20	0.0064	0.0054	mg/L		6020-W-DISS
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0.077	0.05	mg/L		NH3-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	86	10	mg/L	#	ICP-W-dis
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L83169-02B	3/25/2008		3/30/2008	Aqueous	Chloride	16887-00-6	10	9.3	1	mg/L		300.0-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0015	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L83169-02F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L83169-02E	3/25/2008	4/10/2008	4/10/2008	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.032	0.0012	mg/L		6020-W-DISS
Sulfur Spring	L83169-02E	3/25/2008	4/10/2008	4/10/2008	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		ICP-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L83169-02B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L83169-02D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Sulfur Spring	L83169-02B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	4.8	1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L83169-02A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	10	1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02B	3/25/2008		3/30/2008	Aqueous	Sulfate	14808-79-8	10	44	7.5	mg/L		300.0-W
Sulfur Spring	L83169-02A	3/25/2008		3/28/2008	Aqueous	TDS		1	400	20	mg/L		TDS-W
Sulfur Spring	L83169-02A	3/25/2008		3/27/2008	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02C	3/25/2008	4/1/2008	4/1/2008	Aqueous	Ammonia (as N)		1	0.077	0.05	mg/L		NH3-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	86	10	mg/L	#	ICP-W-dis
Sulfur Spring	L83169-02B	3/25/2008		3/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L83169-02B	3/25/2008		3/30/2008	Aqueous	Chloride	16887-00-6	10	9.3	1	mg/L		300.0-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0015	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L83169-02F	3/25/2008		4/2/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L83169-02E	3/25/2008	4/10/2008	4/10/2008	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.032	0.0012	mg/L		6020-W-DISS
Sulfur Spring	L83169-02E	3/25/2008	4/10/2008	4/10/2008	Aqueous	Manganese	7439-96-5	1	0.033	0.005	mg/L		ICP-W
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02B	3/25/2008		3/27/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L83169-02B	3/25/2008		3/27/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L83169-02D	3/25/2008		3/31/2008	Aqueous	Oil & Grease		1	0	3	mg/L		OGB-W
Sulfur Spring	L83169-02B	3/25/2008		3/27/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	4.8	1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L83169-02A	3/25/2008		3/27/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	4/2/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	10	1	mg/L		ICP-W-dis
Sulfur Spring	L83169-02B	3/25/2008		3/30/2008	Aqueous	Sulfate	14808-79-8	10	44	7.5	mg/L		300.0-W
Sulfur Spring	L83169-02A	3/25/2008		3/28/2008	Aqueous	TDS		1	400	20	mg/L		TDS-W
Sulfur Spring	L83169-02A	3/25/2008		3/27/2008	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D
Sulfur Spring	L83169-02F	3/25/2008	3/28/2008	3/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Sulfur Spring	L84608-02B	6/16/2008		6/20/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L84608-02B	6/16/2008		6/20/2008	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L84608-02C	6/16/2008	6/20/2008	6/25/2008	Aqueous	Ammonia (as N)		1	0.067	0.05	mg/L		NH3-W
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Sulfur Spring	L84608-02B	6/16/2008		6/20/2008	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print													
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Calcium	7440-70-2	10	88	10	mg/L	~	ICP-W-dis
Sulfur Spring	L84608-02B	6/16/2008		6/20/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L84608-02B	6/16/2008		6/26/2008	Aqueous	Chloride	16887-00-6	5	6.1	0.5	mg/L		300.0-W
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Copper	7440-50-8	20	0.0011	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L84608-02F	6/16/2008		6/18/2008	Aqueous Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L84608-02E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Manganese	7439-96-5	20	0.028	0.0012	mg/L		6020-W-DISS
Sulfur Spring	L84608-02E	6/16/2008	6/20/2008	6/27/2008	Aqueous	Manganese	7439-96-5	1	0.027	0.005	mg/L		ICP-W
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L84608-02B	6/16/2008		6/18/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L84608-02B	6/16/2008		6/18/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L84608-02D	6/16/2008		6/18/2008	Aqueous	Oil & Grease		1	540	3	mg/L	*	OGB-W
Sulfur Spring	L84608-02B	6/16/2008		6/18/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L		PO4-O
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-dis
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L84608-02A	6/16/2008		6/18/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/18/2008	Aqueous Dissolved	Sodium	7440-23-5	1	8.7	1	mg/L		ICP-W-dis
Sulfur Spring	L84608-02B	6/16/2008		6/26/2008	Aqueous	Sulfate	14808-79-8	5	46	3.8	mg/L		300.0-W
Sulfur Spring	L84608-02A	6/16/2008		6/19/2008	Aqueous	TDS		1	390	20	mg/L		TDS-W
Sulfur Spring	L84608-02A	6/16/2008		6/18/2008	Aqueous	TSS		1	6.0	3	mg/L		TSS-W-2540D
Sulfur Spring	L84608-02F	6/16/2008	6/18/2008	6/19/2008	Aqueous Dissolved	Zinc	7440-66-6	20	0.011	0.0054	mg/L		6020-W-DISS
Sulfur Spring	L85972-02B	8/26/2008		8/29/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Alkalinity,(As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L85972-02D	8/26/2008	8/28/2008	8/29/2008	Aqueous	Ammonia (as N)		1	0.090	0.05	mg/L		NH3-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Bicarbonate (As CaCO3)		1	350	20	mg/L		2320B-ALK-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	88	10	mg/L	~	ICP-W-dis
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Chloride	16887-00-6	1	7.7	0.1	mg/L		300.0-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0.0011	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L85972-02E	8/26/2008		9/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	360	10	mg/L		HARD
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L85972-02F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Iron	7439-89-6	1	0.073	0.05	mg/L		ICP-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	35	1	mg/L		ICP-W-dis
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.036	0.0012	mg/L		6020-W-DISS
Sulfur Spring	L85972-02F	8/26/2008	8/28/2008	9/5/2008	Aqueous	Manganese	7439-96-5	1	0.035	0.005	mg/L		ICP-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L85972-02C	8/26/2008		9/5/2008	Aqueous	Oil & Grease		1	3.8	3	mg/L		OGB-W
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Phosphorus, Orthophosphate (as	7723-14-0	1	0	0.1	mg/L		300.0-W
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	5.2	1	mg/L		ICP-W-dis
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L85972-02A	8/26/2008		8/28/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	9/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	9.0	1	mg/L		ICP-W-dis
Sulfur Spring	L85972-02B	8/26/2008		8/28/2008	Aqueous	Sulfate	14808-79-8	20	43	15	mg/L		300.0-W
Sulfur Spring	L85972-02A	8/26/2008		8/28/2008	Aqueous	TDS		1	420	20	mg/L		TDS-W
Sulfur Spring	L85972-02A	8/26/2008		8/28/2008	Aqueous	TSS		1	3.0	3	mg/L	#	TSS-W-2540D
Sulfur Spring	L85972-02E	8/26/2008	8/28/2008	8/28/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0.011	0.0054	mg/L		6020-W-DISS
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Alkalinity,(As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Aluminum	7429-90-5	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L87283-02D	10/29/2008	11/6/2008	11/7/2008	Aqueous	Ammonia (as N)		1	0.074	0.05	mg/L		NH3-W
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Arsenic	7440-38-2	20	0	0.0006	mg/L		6020-W-DISS
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Bicarbonate (As CaCO3)		1	340	20	mg/L		2320B-ALK-W
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Boron	7440-42-8	1	0	0.5	mg/L		ICP-W-dis
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-W-DISS
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Calcium	7440-70-2	10	89	10	mg/L	~	ICP-W-dis
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Carbonate (As CaCO3)		1	0	10	mg/L		2320B-ALK-W
Sulfur Spring	L87283-02B	10/29/2008		11/11/2008	Aqueous	Chloride	16887-00-6	5	6.5	0.5	mg/L		300.0-W
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Copper	7440-50-8	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L87283-02E	10/29/2008		11/5/2008	Aqueous-Dissolved	Hardness (as CaCO3)	471-34-1	1	370	10	mg/L		HARD
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W-dis
Sulfur Spring	L87283-02F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Iron	7439-89-6	1	0	0.05	mg/L		ICP-W
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Lead	7439-92-1	20	0	0.0004	mg/L		6020-W-DISS
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Magnesium	7439-95-4	1	36	1	mg/L		ICP-W-dis
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Manganese	7439-96-5	20	0.028	0.0012	mg/L		6020-W-DISS
Sulfur Spring	L87283-02F	10/29/2008	10/31/2008	11/5/2008	Aqueous	Manganese	7439-96-5	1	0.029	0.005	mg/L		ICP-W
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Molybdenum	7439-98-7	1	0	0.1	mg/L		ICP-W-dis
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Nitrate (as N)		1	0	0.01	mg/L		NO3-W
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Nitrite (as N)		1	0	0.01	mg/L		NO2-W
Sulfur Spring	L87283-02C	10/29/2008		11/2/2008	Aqueous	Oil & Grease		1	4.4	3	mg/L		OGB-W
Sulfur Spring	L87283-02B	10/29/2008		10/31/2008	Aqueous	Phosphate, ortho (as P)	7723-14-0	1	0	0.05	mg/L	*	PO4-O
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Potassium	7440-09-7	1	5.0	1	mg/L		ICP-W-dis
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Selenium	7782-49-2	20	0	0.0008	mg/L		6020-W-DISS
Sulfur Spring	L87283-02A	10/29/2008		10/30/2008	Aqueous	Settleable Solids		1	0	0.1	ml/L		SS-W-2540F
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	11/5/2008	Aqueous-Dissolved	Sodium	7440-23-5	1	9.1	1	mg/L		ICP-W-dis
Sulfur Spring	L87283-02B	10/29/2008		11/11/2008	Aqueous	Sulfate	14808-79-8	5	47	3.8	mg/L		300.0-W
Sulfur Spring	L87283-02A	10/29/2008		10/31/2008	Aqueous	TDS		1	390	20	mg/L		TDS-W
Sulfur Spring	L87283-02A	10/29/2008		10/30/2008	Aqueous	TSS		1	0	3	mg/L		TSS-W-2540D

EXHIBIT 12
Spreadsheet Printout

Carbon Resources, Kinney#2 Hydrology Baseline Analytical DATA, 5-5-2009 thru 8-31-2010, Spread Sheet Print												
Client Samp ID	Samp ID	Collection Date	Prep Date	Anal Date	Matrix	Analyte	CAS	DF	Result	PQL	Units	Qual	Test Code
Sulfur Spring	L87283-02E	10/29/2008	10/31/2008	10/31/2008	Aqueous-Dissolved	Zinc	7440-66-6	20	0	0.0054	mg/L		6020-W-DISS
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	Settleable Solids		1	0	0.10	mL/L		SS-W-2540F
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	Total Dissolved Solids		2	370	20	mg/L		TDS-W-2540C
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	Total Suspended Solids	TSS	1	0	3.0	mg/L		TSS-W-2540D
Sulfur Spring	1006480-002	6/23/2010		6/29/2010	Aqueous	Chloride	16887-00-6	10	6.5	1.0	mg/L		300.0-W
Sulfur Spring	1006480-002	6/23/2010		6/29/2010	Aqueous	Sulfate	14808-79-8	10	44	7.5	mg/L		300.0-W
Sulfur Spring	1006480-002	6/23/2010		6/28/2010	Aqueous	Acidity		1	0	15	mg/L		ACIDITY-W-2310B
Sulfur Spring	1006480-002	6/23/2010		6/28/2010	Aqueous	Alkalinity (as CaCO3)		4	350	40	mg/L		ALK-W-2320B
Sulfur Spring	1006480-002	6/23/2010		6/28/2010	Aqueous	Bicarbonate (as CaCO3)		4	350	40	mg/L		ALK-W-2320B
Sulfur Spring	1006480-002	6/23/2010		6/28/2010	Aqueous	Carbonate (as CaCO3)		4	0	10	mg/L		ALK-W-2320B
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	Nitrite (as N)	14797-65-0	1	0	0.010	mg/L		NO2-W-353.2
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	Nitrate (as N)	14797-55-8	1	0	0.010	mg/L		NO3-W-353.2
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	pH @ 25° C		1	7.30	1.00	pH Units	H	PH-4500H+B
Sulfur Spring	1006480-002	6/23/2010		6/25/2010	Aqueous	Phosphate, Total Ortho (as P)	7723-14-0	1	0	0.050	mg/L		PO4-O-365.1
Sulfur Spring	1006480-002	6/23/2010		6/30/2010	Aqueous	Oil & Grease		1	0	3.0	mg/L		OGB-W-1664A
Sulfur Spring	1006480-002	6/23/2010	6/28/2010	6/29/2010	Aqueous	Ammonia (as N)	7664-41-7	1	0.21	0.050	mg/L		NH3-W-350.1
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Aluminum	7429-90-5	1	0	0.10	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Boron	7440-42-8	1	0	0.50	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Calcium	7440-70-2	10	86	10	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0	0.10	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Magnesium	7439-95-4	1	35	1.0	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Molybdenum	7439-98-7	1	0	0.020	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Potassium	7440-09-7	1	5.0	1.0	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Sodium	7440-23-5	1	8.5	1.0	mg/L		6010C-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Arsenic	7440-38-2	20	0	0.00060	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Cadmium	7440-43-9	20	0	0.00018	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Copper	7440-50-8	20	0	0.00080	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Lead	7439-92-1	20	0	0.00040	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Manganese	7439-96-5	20	0.030	0.0012	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Selenium	7782-49-2	20	0	0.00080	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Zinc	7440-66-6	20	0	0.0050	mg/L		6020-DIS
Sulfur Spring	1006480-002	6/23/2010		6/28/2010	Aqueous	Hardness (as CaCO3)		10	360	100	mg/L		HARD-2340B
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/28/2010	Aqueous	Iron	7439-89-6	1	0	0.10	mg/L		6010C-W
Sulfur Spring	1006480-002	6/23/2010	6/25/2010	6/25/2010	Aqueous	Manganese	7439-96-5	20	0.029	0.0012	mg/L		6020-W

Laboratory Sheets

EXHIBIT 12

SURFACE AND GROUNDWATER QUALITY DATA
(5-5-2009 Thru 8-31-2010)

AWAL Labs
Individual Analyses Sheet
1,022 Pages

Carbon Resources Kinney # 2 Mine

INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

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84115

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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-01C

Field Sample ID:
Eagle Outlet

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/19/2005 12:56:14 PM	6010B	0.050	**2.3** [1]
Manganese	mg/L	5/19/2005 1:31:48 PM	6020	0.0050	**0.16**

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Released by: _____
Laboratory Supervisor

Report Date: May 23, 2005

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Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-02C

Field Sample ID:
Eagle Springs

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/19/2005 1:12:51 PM	6010B	0.050	**1.1**
Manganese	mg/L	5/19/2005 1:51:47 PM	6020	0.0050	**0.018**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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Laboratory Supervisor

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Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-03C

Field Sample ID:
Sulfer Springs

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/19/2005 1:17:32 PM	6010B	0.050	< 0.050
Manganese	mg/L	5/19/2005 1:56:46 PM	6020	0.0050	**0.17**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Released by: Kyle F. Gross
Laboratory Supervisor

Report Date: May 23, 2005

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Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-04C

Field Sample ID:
Muddy Creek

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/19/2005 1:21:30 PM	6010B	0.050	**0.84**
Manganese	mg/L	5/19/2005 2:01:46 PM	6020	0.0050	**0.094**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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Laboratory Director

Peggy McNicol
QA Officer

Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-01D

Field Sample ID:
Eagle Outlet

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/19/2005 12:02:40 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/17/2005 4:22:25 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/19/2005 12:02:40 PM	6010B	0.50	< 0.50
Cadmium	mg/L	5/17/2005 4:22:25 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/19/2005 12:02:40 PM	6010B	10	**92** [1]
Copper	mg/L	5/17/2005 4:22:25 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/19/2005 12:02:40 PM	6010B	0.050	< 0.050
Lead	mg/L	5/17/2005 4:22:25 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/19/2005 12:02:40 PM	6010B	1.0	**18**
Manganese	mg/L	5/17/2005 4:22:25 PM	6020	0.0050	**0.075**
Molybdenum	mg/L	5/19/2005 12:02:40 PM	6010B	0.10	< 0.10
Potassium	mg/L	5/19/2005 12:02:40 PM	6010B	1.0	**2.6**
Selenium	mg/L	5/17/2005 4:22:25 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/19/2005 12:02:40 PM	6010B	1.0	**11** [1]
Zinc	mg/L	5/17/2005 4:22:25 PM	6020	0.010	< 0.010

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

Released by: _____
Laboratory Supervisor

Report Date: May 23, 2005

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Laboratory Director

Peggy McNicol
QA Officer

Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-02D

Field Sample ID:
Eagle Springs

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/19/2005 12:18:40 PM	6010B	0.10	**0.94**
Arsenic	mg/L	5/17/2005 4:42:22 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/19/2005 12:18:40 PM	6010B	0.50	< 0.50
Cadmium	mg/L	5/17/2005 4:42:22 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/19/2005 12:18:40 PM	6010B	1.0	**15**
Copper	mg/L	5/17/2005 4:42:22 PM	6020	0.0040	**0.0057**
Iron	mg/L	5/19/2005 12:18:40 PM	6010B	0.050	**0.75**
Lead	mg/L	5/17/2005 4:42:22 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/19/2005 12:18:40 PM	6010B	1.0	**3.5**
Manganese	mg/L	5/17/2005 4:42:22 PM	6020	0.0050	**0.017**
Molybdenum	mg/L	5/19/2005 12:18:40 PM	6010B	0.10	< 0.10
Potassium	mg/L	5/19/2005 12:18:40 PM	6010B	1.0	**4.5**
Selenium	mg/L	5/17/2005 4:42:22 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/19/2005 12:18:40 PM	6010B	1.0	**4.4**
Zinc	mg/L	5/17/2005 4:42:22 PM	6020	0.010	**0.016**

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Laboratory Director

Peggy McNicol
QA Officer

Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-03D

Field Sample ID:
Sulfer Springs

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/19/2005 12:22:33 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/17/2005 4:47:22 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/19/2005 12:22:33 PM	6010B	0.50	< 0.50
Cadmium	mg/L	5/17/2005 4:47:22 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/19/2005 12:22:33 PM	6010B	10	**87**
Copper	mg/L	5/17/2005 4:47:22 PM	6020	0.0040	**0.0077**
Iron	mg/L	5/19/2005 12:22:33 PM	6010B	0.050	< 0.050
Lead	mg/L	5/17/2005 4:47:22 PM	6020	0.0050	**0.0057**
Magnesium	mg/L	5/19/2005 12:22:33 PM	6010B	10	**35**
Manganese	mg/L	5/17/2005 4:47:22 PM	6020	0.0050	**0.16**
Molybdenum	mg/L	5/19/2005 12:22:33 PM	6010B	0.10	< 0.10
Potassium	mg/L	5/19/2005 12:22:33 PM	6010B	1.0	**5.0**
Selenium	mg/L	5/17/2005 4:47:22 PM	6020	0.0050	**0.0075**
Sodium	mg/L	5/19/2005 12:22:33 PM	6010B	1.0	**8.6**
Zinc	mg/L	5/17/2005 4:47:22 PM	6020	0.010	**0.012**

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Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-04D

Field Sample ID:
Muddy Creek

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/19/2005 12:26:27 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/17/2005 4:52:21 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/19/2005 12:26:27 PM	6010B	0.50	< 0.50
Cadmium	mg/L	5/17/2005 4:52:21 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/19/2005 12:26:27 PM	6010B	10	**81**
Copper	mg/L	5/17/2005 4:52:21 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/19/2005 12:26:27 PM	6010B	0.050	< 0.050
Lead	mg/L	5/17/2005 4:52:21 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/19/2005 12:26:27 PM	6010B	10	**35**
Manganese	mg/L	5/17/2005 4:52:21 PM	6020	0.0050	**0.089**
Molybdenum	mg/L	5/19/2005 12:26:27 PM	6010B	0.10	< 0.10
Potassium	mg/L	5/19/2005 12:26:27 PM	6010B	1.0	**5.2**
Selenium	mg/L	5/17/2005 4:52:21 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/19/2005 12:26:27 PM	6010B	10	**37**
Zinc	mg/L	5/17/2005 4:52:21 PM	6020	0.010	< 0.010

Released by: _____
Laboratory Supervisor

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Peggy McNicol
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Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-01

Field Sample ID:
Eagle Outlet

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	05/11/05	305.1	15	**86**
Alkalinity,(As CaCO3)	mg/L	05/11/05	2320B	10	**260**
Ammonia (as N)	mg/L	05/12/05	350.1	0.050	**0.055**
Bicarbonate (As CaCO3)	mg/L	05/11/05	2320B	10	**260**
Carbonate (As CaCO3)	mg/L	05/11/05	2320B	10	< 10
Chloride	mg/L	05/18/05 2:54 am	300.0	10	**13**
Hardness (as CaCO3)	mg/L	05/20/05	2340B	10	**310**
Nitrate (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	**0.023**
Nitrite (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	< 0.010
Oil & Grease	mg/L	05/11/05	EPA 1664	3.0	**3.5**
Phosphate, ortho (as P)	mg/L	05/11/05 7:29 am	365.1	0.050	< 0.050
Settable Solids	ml/L	05/10/05 1:15 pm	2540F	0.10	**0.20**
Sulfate	mg/L	05/18/05 2:54 am	300.0	10	**42**
TDS	mg/L	05/10/05	160.1	10	**330**
TSS	mg/L	05/10/05	160.2	3.0	**150**

Released by: _____
Laboratory Supervisor

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Laboratory Director

Peggy McNicol
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Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-02

Field Sample ID:
Eagle Springs

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	05/11/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	05/11/05	2320B	10	**46**
Ammonia (as N)	mg/L	05/12/05	350.1	0.050	**0.082**
Bicarbonate (As CaCO3)	mg/L	05/11/05	2320B	10	**46**
Carbonate (As CaCO3)	mg/L	05/11/05	2320B	10	< 10
Chloride	mg/L	05/18/05 4:01 am	300.0	1.0	**5.0**
Hardness (as CaCO3)	mg/L	05/20/05	2340B	10	**55**
Nitrate (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	**0.010**
Oil & Grease	mg/L	05/11/05	EPA 1664	3.0	**3.3**
Phosphate, ortho (as P)	mg/L	05/11/05 7:29 am	365.1	0.050	**0.13**
Settable Solids	ml/L	05/10/05 1:15 pm	2540F	0.10	ND
Sulfate	mg/L	05/18/05 4:01 am	300.0	1.0	**6.2**
TDS	mg/L	05/10/05	160.1	10	**120**
TSS	mg/L	05/10/05	160.2	3.0	**8.0**

Released by: _____
Laboratory Supervisor

Report Date: May 23, 2005

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-03

Field Sample ID:
Sulfer Springs

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	05/11/05	305.1	15	**80**
Alkalinity,(As CaCO3)	mg/L	05/11/05	2320B	10	**350**
Ammonia (as N)	mg/L	05/12/05	350.1	0.050	**0.10**
Bicarbonate (As CaCO3)	mg/L	05/11/05	2320B	10	**350**
Carbonate (As CaCO3)	mg/L	05/11/05	2320B	10	< 10
Chloride	mg/L	05/18/05 4:34 am	300.0	1.0	**6.6**
Hardness (as CaCO3)	mg/L	05/20/05	2340B	10	**350**
Nitrate (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	< 0.010
Oil & Grease	mg/L	05/11/05	EPA 1664	3.0	**3.8**
Phosphate, ortho (as P)	mg/L	05/11/05 7:29 am	365.1	0.050	< 0.050
Settable Solids	ml/L	05/10/05 1:15 pm	2540F	0.10	ND
Sulfate	mg/L	05/18/05 4:34 am	300.0	10	**43**
TDS	mg/L	05/10/05	160.1	10	**390**
TSS	mg/L	05/10/05	160.2	3.0	< 3.0

Released by: _____
Laboratory Supervisor

Report Date: May 23, 2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Cash Account
Date Sampled: May 9, 2005
Project: Wiskey Creek / Scofield Baseline

Contact: Brad Lindsay
Date Received: May 10, 2005

Lab Sample ID:
L65736-04

Field Sample ID:
Muddy Creek

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	05/11/05	305.1	15	**68**
Alkalinity,(As CaCO3)	mg/L	05/11/05	2320B	10	**230**
Ammonia (as N)	mg/L	05/12/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	05/11/05	2320B	10	**220**
Carbonate (As CaCO3)	mg/L	05/11/05	2320B	10	**11**
Chloride	mg/L	05/18/05 5:41 am	300.0	10	**27**
Hardness (as CaCO3)	mg/L	05/20/05	2340B	10	**350**
Nitrate (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	**0.70**
Nitrite (as N)	mg/L	05/11/05 9:05 am	353.2	0.010	< 0.010
Oil & Grease	mg/L	05/11/05	EPA 1664	3.0	**3.9**
Phosphate, ortho (as P)	mg/L	05/11/05 7:29 am	365.1	0.050	< 0.050
Settable Solids	ml/L	05/10/05 1:15 pm	2540F	0.10	**0.10**
Sulfate	mg/L	05/17/05 12:00 am	300.0	100	**120**
TDS	mg/L	05/10/05	160.1	10	**500**
TSS	mg/L	05/10/05	160.2	3.0	**52**

Released by: _____
Laboratory Supervisor

Report Date: May 23, 2005

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American West Analytical Labs

WORK ORDER Summary

10-May-05

Work Order L65736

Client ID: WALKIN
Project: Wiskey Creek / Scofield Baseline **QC Level:** QC 1 Hok T.
Comments:

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage
L65736-01A	Eagle Outlet	5/9/2005 12:30:00 PM	5/10/2005	5/24/2005	Aqueous	SS	ww
				5/24/2005		TDS-W	ww
				5/24/2005		TSS-W	ww
L65736-01B				5/24/2005		2320B-ALK-W	may 10 - wc
				5/24/2005		300.0-W	may 10 - wc
				5/24/2005		ACIDITY-W	may 10 - wc
				5/24/2005		NO2-W	may 10 - wc
				5/24/2005		NO3-W	may 10 - wc
				5/24/2005		PO4-O	may 10 - wc
L65736-01C				5/24/2005		3005A-ICPMS	may 10 - metal
				5/24/2005		6020-W	may 10 - metal
				5/24/2005		ICP-W	may 10 - metal
L65736-01D				5/24/2005	Aqueous-Dissolve	3005A-Diss	may 10 - dis m
				5/24/2005		6020-W-DISS	may 10 - dis m
				5/24/2005		HARD	may 10 - dis m
				5/24/2005		ICP-W-DIS	may 10 - dis m
L65736-01E				5/24/2005	Aqueous	OGB-W	ogb
L65736-01F				5/24/2005		NH3-W	may 10 - nh3
				5/24/2005		NH3-W-PREP	may 10 - nh3
L65736-02A	Eagle Springs	5/9/2005 12:45:00 PM		5/24/2005		SS	ww
				5/24/2005		TDS-W	ww
				5/24/2005		TSS-W	ww
L65736-02B				5/24/2005		2320B-ALK-W	may 10 - wc
				5/24/2005		300.0-W	may 10 - wc
				5/24/2005		ACIDITY-W	may 10 - wc
				5/24/2005		NO2-W	may 10 - wc
				5/24/2005		NO3-W	may 10 - wc

1

05736

WORK ORDER Summary

10-May-05

Work Order L65736

Client ID: WALKIN

Project: Wiskey Creek / Scofield Baseline **QC Level:** QC 1

Comments:

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage
L65736-02B	Eagle Springs	5/9/2005 12:45:00 PM	5/10/2005	5/24/2005	Aqueous	PO4-O	may 10 - wc
L65736-02C				5/24/2005		3005A-ICPMS	may 10 - metal
				5/24/2005		6020-W	may 10 - metal
				5/24/2005		ICP-W	may 10 - metal
L65736-02D				5/24/2005	Aqueous-Dissolve	3005A-Diss	may 10 - dis m
				5/24/2005		6020-W-DISS	may 10 - dis m
				5/24/2005		HARD	may 10 - dis m
				5/24/2005		ICP-W-DIS	may 10 - dis m
L65736-02E				5/24/2005	Aqueous	OGB-W	ogb
L65736-02F				5/24/2005		NH3-W	may 10 - nh3
				5/24/2005		NH3-W-PREP	may 10 - nh3
L65736-03A	Sulfer Springs	5/9/2005 1:30:00 PM		5/24/2005		SS	ww
				5/24/2005		TDS-W	ww
				5/24/2005		TSS-W	ww
L65736-03B				5/24/2005		2320B-ALK-W	may 10 - wc
				5/24/2005		300.0-W	may 10 - wc
				5/24/2005		ACIDITY-W	may 10 - wc
				5/24/2005		NO2-W	may 10 - wc
				5/24/2005		NO3-W	may 10 - wc
				5/24/2005		PO4-O	may 10 - wc
L65736-03C				5/24/2005		3005A-ICPMS	may 10 - metal
				5/24/2005		6020-W	may 10 - metal
				5/24/2005		ICP-W	may 10 - metal
L65736-03D				5/24/2005	Aqueous-Dissolve	3005A-Diss	may 10 - dis m
				5/24/2005		6020-W-DISS	may 10 - dis m
				5/24/2005		HARD	may 10 - dis m
				5/24/2005		ICP-W-DIS	may 10 - dis m
L65736-03E				5/24/2005	Aqueous	OGB-W	ogb

WORK ORDER Summary

10-May-05

Work Order L65736

Client ID: WALKIN
Project: Wiskey Creek / Scofield Baseline **QC Level:** QC 1
Comments:

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage
L65736-03F	Sulfer Springs	5/9/2005 1:30:00 PM	5/10/2005	5/24/2005	Aqueous	NH3-W	may 10 - nh3
				5/24/2005		NH3-W-PREP	may 10 - nh3
L65736-04A	Muddy Creek	5/9/2005 2:00:00 PM		5/24/2005		SS	ww
				5/24/2005		TDS-W	ww
				5/24/2005		TSS-W	ww
L65736-04B				5/24/2005		2320B-ALK-W	may 10 - wc
				5/24/2005		300.0-W	may 10 - wc
				5/24/2005		ACIDITY-W	may 10 - wc
				5/24/2005		NO2-W	may 10 - wc
				5/24/2005		NO3-W	may 10 - wc
				5/24/2005		PO4-O	may 10 - wc
L65736-04C				5/24/2005		3005A-ICPMS	may 10 - metal
				5/24/2005		6020-W	may 10 - metal
				5/24/2005		ICP-W	may 10 - metal
L65736-04D				5/24/2005	Aqueous-Dissolve	3005A-Diss	may 10 - dis m
				5/24/2005		6020-W-DISS	may 10 - dis m
				5/24/2005		HARD	may 10 - dis m
				5/24/2005		ICP-W-DIS	may 10 - dis m
L65736-04E				5/24/2005	Aqueous	OGB-W	ogb
L65736-04F				5/24/2005		NH3-W	may 10 - nh3
				5/24/2005		NH3-W-PREP	may 10 - nh3

1

Client Wiskey Creek
Address
City State Zip
Phone 970-835-3715 Fax
Contact Brad Lindsay
E-mail boarding-stan@hotmail.com
Project Name Scofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

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(888) 263-8686
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Email:awal@awal-labs.com

CHAIN OF CUSTODY

Lab Sample Set # 65736
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard
QC 1 2 2+ 3 3+ 4

Please indicate tests needed below

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	See table 3 attached										COMMENTS
Eagle ~~Outlook~~ Outlet	5-9-05/1230	W	6	✓										
Eagle Springs	5-9-05/1245	W	6	✓										
Sulfer Springs	5-9-05/1330	W	6	✓										
Muddy Creek	5-9-05/1400	W	6	✓										

Relinquished By: Signature	Date	Received By: Signature
[signature]	5-9-05	
PRINT NAME BRAD LINDSAY	Time 15:30	PRINT NAME
Relinquished By: Signature UPS	Date 5/10/05	Received By: Signature [signature]
PRINT NAME	Time 11:00	PRINT NAME REBEKAH WINKLER

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:
5-11-05 Emailed credit ap

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 7.5C
4 Received Broken/Leaking (Improperly Sealed) Y N
Notes:
5 Properly Preserved Y N
Notes:
6 Received Within Holding Times Y N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y N
Notes:

TABLE 3

~~Utah Division~~ of Oil, Gas & Mining
Surface Water Monitoring Recommendations
~~Baseline,~~ Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Settleable Solids		(UPDES)
*	-	Total Suspended Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphates(Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Oil & Grease[2]		mg/l
*	-	Cations		meq/l
*	-	Anions		meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 165736

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:

1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

November 11, 2005

Brad Lindsay
Carbon Resources
c/o Rock Logic Consulting
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L68520

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 10/31/2005 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-01C
Field Sample ID: **Eagle Outlet**
Collected: 10/31/2005 11:40:00 AM
Received: 10/31/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/9/2005 8:55:22 PM	6010B	0.050	**2.2**
Manganese	mg/L	11/10/2005 12:56:44 PM	6020	0.0050	**0.13**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-02C
Field Sample ID: **Sulfur Springs**
Collected: 10/31/2005 12:00:00 PM
Received: 10/31/2005

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/9/2005 9:11:13 PM	6010B	0.050	< 0.050
Manganese	mg/L	11/10/2005 1:29:05 PM	6020	0.0050	**0.030**

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-03C
Field Sample ID: **Angle Spring**
Collected: 10/31/2005 12:45:00 PM
Received: 10/31/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/9/2005 9:15:10 PM	6010B	0.050	< 0.050
Manganese	mg/L	11/10/2005 1:34:29 PM	6020	0.0050	< 0.0050

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Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L68520-04C
Field Sample ID: **Mud Creek**
Collected: 10/31/2005 1:15:00 PM
Received: 10/31/2005

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/9/2005 9:19:08 PM	6010B	0.050	**0.24**
Manganese	mg/L	11/10/2005 1:39:54 PM	6020	0.0050	**0.033**

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L68520-01D
Field Sample ID: **Eagle Outlet**
Collected: 10/31/2005 11:40:00 AM
Received: 10/31/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/9/2005 8:02:37 PM	6010B	0.10	< 0.10
Arsenic	mg/L	11/10/2005 12:13:34 PM	6020	0.0050	< 0.0050
Boron	mg/L	11/9/2005 8:02:37 PM	6010B	0.50	< 0.50
Cadmium	mg/L	11/10/2005 12:13:34 PM	6020	0.0040	< 0.0040
Calcium	mg/L	11/10/2005 1:31:42 PM	6010B	5.0	**79**
Copper	mg/L	11/10/2005 12:13:34 PM	6020	0.0040	< 0.0040
Iron	mg/L	11/9/2005 8:02:37 PM	6010B	0.050	< 0.050
Lead	mg/L	11/10/2005 12:13:34 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	11/9/2005 8:02:37 PM	6010B	1.0	**17**
Manganese	mg/L	11/10/2005 12:13:34 PM	6020	0.0050	**0.042**
Molybdenum	mg/L	11/9/2005 8:02:37 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/9/2005 8:02:37 PM	6010B	1.0	**2.7**
Selenium	mg/L	11/10/2005 12:13:34 PM	6020	0.0050	< 0.0050
Sodium	mg/L	11/10/2005 1:31:42 PM	6010B	5.0	**6.9**
Zinc	mg/L	11/10/2005 12:13:34 PM	6020	0.010	**0.011**

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Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L68520-02D
Field Sample ID: **Sulfur Springs**
Collected: 10/31/2005 12:00:00 PM
Received: 10/31/2005

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/9/2005 8:18:22 PM	6010B	0.10	< 0.10
Arsenic	mg/L	11/10/2005 12:35:07 PM	6020	0.0050	< 0.0050
Boron	mg/L	11/9/2005 8:18:22 PM	6010B	0.50	< 0.50
Cadmium	mg/L	11/10/2005 12:35:07 PM	6020	0.0040	< 0.0040
Calcium	mg/L	11/10/2005 1:47:24 PM	6010B	5.0	**88**
Copper	mg/L	11/10/2005 12:35:07 PM	6020	0.0040	< 0.0040
Iron	mg/L	11/9/2005 8:18:22 PM	6010B	0.050	< 0.050
Lead	mg/L	11/10/2005 12:35:07 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	11/9/2005 8:18:22 PM	6010B	1.0	**36**
Manganese	mg/L	11/10/2005 12:35:07 PM	6020	0.0050	**0.029**
Molybdenum	mg/L	11/9/2005 8:18:22 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/9/2005 8:18:22 PM	6010B	1.0	**5.0**
Selenium	mg/L	11/10/2005 12:35:07 PM	6020	0.0050	< 0.0050
Sodium	mg/L	11/10/2005 1:47:24 PM	6010B	5.0	**8.9**
Zinc	mg/L	11/10/2005 12:35:07 PM	6020	0.010	**0.014**

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L68520-03D
Field Sample ID: **Angle Spring**
Collected: 10/31/2005 12:45:00 PM
Received: 10/31/2005

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/9/2005 8:22:16 PM	6010B	0.10	< 0.10
Arsenic	mg/L	11/10/2005 12:40:31 PM	6020	0.0050	< 0.0050
Boron	mg/L	11/9/2005 8:22:16 PM	6010B	0.50	< 0.50
Cadmium	mg/L	11/10/2005 12:40:31 PM	6020	0.0040	< 0.0040
Calcium	mg/L	11/10/2005 1:51:25 PM	6010B	5.0	**94**
Copper	mg/L	11/10/2005 12:40:31 PM	6020	0.0040	< 0.0040
Iron	mg/L	11/9/2005 8:22:16 PM	6010B	0.050	< 0.050
Lead	mg/L	11/10/2005 12:40:31 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	11/9/2005 8:22:16 PM	6010B	1.0	**18**
Manganese	mg/L	11/10/2005 12:40:31 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	11/9/2005 8:22:16 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/9/2005 8:22:16 PM	6010B	1.0	**1.5**
Selenium	mg/L	11/10/2005 12:40:31 PM	6020	0.0050	< 0.0050
Sodium	mg/L	11/10/2005 1:51:25 PM	6010B	5.0	**9.8**
Zinc	mg/L	11/10/2005 12:40:31 PM	6020	0.010	**0.058**

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-04D
Field Sample ID: **Mud Creek**
Collected: 10/31/2005 1:15:00 PM
Received: 10/31/2005

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/9/2005 8:26:11 PM	6010B	0.10	< 0.10
Arsenic	mg/L	11/10/2005 12:45:56 PM	6020	0.0050	< 0.0050
Boron	mg/L	11/9/2005 8:26:11 PM	6010B	0.50	< 0.50
Cadmium	mg/L	11/10/2005 12:45:56 PM	6020	0.0040	< 0.0040
Calcium	mg/L	11/10/2005 1:55:20 PM	6010B	5.0	**92**
Copper	mg/L	11/10/2005 12:45:56 PM	6020	0.0040	< 0.0040
Iron	mg/L	11/9/2005 8:26:11 PM	6010B	0.050	< 0.050
Lead	mg/L	11/10/2005 12:45:56 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	11/9/2005 8:26:11 PM	6010B	1.0	**56**
Manganese	mg/L	11/10/2005 12:45:56 PM	6020	0.0050	**0.024**
Molybdenum	mg/L	11/9/2005 8:26:11 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/9/2005 8:26:11 PM	6010B	1.0	**9.4**
Selenium	mg/L	11/10/2005 12:45:56 PM	6020	0.0050	< 0.0050
Sodium	mg/L	11/10/2005 1:55:20 PM	6010B	5.0	**51**
Zinc	mg/L	11/10/2005 12:45:56 PM	6020	0.010	**0.024**

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L68520-01
Field Sample ID: **Eagle Outlet**
Collected: 10/31/2005 11:40:00 AM
Received: 10/31/2005

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/02/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/01/05	2320B	10	**280**
Ammonia (as N)	mg/L	11/09/05	350.1	0.050	**0.057**
Bicarbonate (As CaCO3)	mg/L	11/01/05	2320B	10	**280**
Carbonate (As CaCO3)	mg/L	11/01/05	2320B	10	< 10
Chloride	mg/L	11/09/05	4500-CL E	5.0	**9.9**
Hardness (as CaCO3)	mg/L	11/09/05	2340B	10	**270**
Nitrate (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	**0.092**
Nitrite (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/02/05	EPA 1664	3.0	**3.3**
Phosphate, ortho (as P)	mg/L	11/01/05 9:52 am	365.1	0.050	**0.055**
Settable Solids	ml/L	11/01/05 10:30 am	2540F	0.10	**0.10**
Sulfate	mg/L	11/10/05	375.4	5.0	**29**
TDS	mg/L	11/01/05	160.1	10	**300**
TSS	mg/L	11/01/05	160.2	3.0	**88**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-02
Field Sample ID: **Sulfur Springs**
Collected: 10/31/2005 12:00:00 PM
Received: 10/31/2005

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/02/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/01/05	2320B	10	**370**
Ammonia (as N)	mg/L	11/09/05	350.1	0.050	**0.15**
Bicarbonate (As CaCO3)	mg/L	11/01/05	2320B	10	**370**
Carbonate (As CaCO3)	mg/L	11/01/05	2320B	10	< 10
Chloride	mg/L	11/09/05	4500-CL E	5.0	**5.1**
Hardness (as CaCO3)	mg/L	11/09/05	2340B	10	**370**
Nitrate (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	**0.010**
Nitrite (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/02/05	EPA 1664	3.0	**3.1**
Phosphate, ortho (as P)	mg/L	11/01/05 9:52 am	365.1	0.050	< 0.050
Settable Solids	ml/L	11/01/05 10:30 am	2540F	0.10	< 0.10
Sulfate	mg/L	11/10/05	375.4	5.0	**46**
TDS	mg/L	11/01/05	160.1	10	**390**
TSS	mg/L	11/01/05	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-03
Field Sample ID: **Angle Spring**
Collected: 10/31/2005 12:45:00 PM
Received: 10/31/2005

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/02/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/01/05	2320B	10	**320**
Ammonia (as N)	mg/L	11/09/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	11/01/05	2320B	10	**320**
Carbonate (As CaCO3)	mg/L	11/01/05	2320B	10	< 10
Chloride	mg/L	11/09/05	4500-CL E	5.0	**20**
Hardness (as CaCO3)	mg/L	11/09/05	2340B	10	**310**
Nitrate (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	**0.99**
Nitrite (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/02/05	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	11/01/05 9:52 am	365.1	0.050	< 0.050
Settable Solids	ml/L	11/01/05 10:30 am	2540F	0.10	< 0.10
Sulfate	mg/L	11/10/05	375.4	5.0	< 5.0
TDS	mg/L	11/01/05	160.1	10	**350**
TSS	mg/L	11/01/05	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68520-04
Field Sample ID: **Mud Creek**
Collected: 10/31/2005 1:15:00 PM
Received: 10/31/2005

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/02/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/01/05	2320B	10	**300**
Ammonia (as N)	mg/L	11/09/05	350.1	0.050	**0.077**
Bicarbonate (As CaCO3)	mg/L	11/01/05	2320B	10	**260**
Carbonate (As CaCO3)	mg/L	11/01/05	2320B	10	**33**
Chloride	mg/L	11/09/05	4500-CL E	5.0	**15**
Hardness (as CaCO3)	mg/L	11/09/05	2340B	10	**460**
Nitrate (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	**0.35**
Nitrite (as N)	mg/L	11/01/05 12:32 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/02/05	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	11/01/05 9:52 am	365.1	0.050	< 0.050
Settable Solids	ml/L	11/01/05 10:30 am	2540F	0.10	< 0.10
Sulfate	mg/L	11/10/05	375.4	5.0	**250**
TDS	mg/L	11/01/05	160.1	10	**720**
TSS	mg/L	11/01/05	160.2	3.0	**10**

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
LCS-25821	Manganese	mg/L	6020	0.1973	0.2	0	98.6	85-115				11/10/2005
LCS-25820	Arsenic	mg/L	6020	0.1977	0.2	0	98.8	85-115				11/10/2005
LCS-25820	Cadmium	mg/L	6020	0.2027	0.2	0	101	85-115				11/10/2005
LCS-25820	Copper	mg/L	6020	0.2008	0.2	0	100	85-115				11/10/2005
LCS-25820	Lead	mg/L	6020	0.2002	0.2	0	100	85-115				11/10/2005
LCS-25820	Manganese	mg/L	6020	0.1990	0.2	0	99.5	85-115				11/10/2005
LCS-25820	Selenium	mg/L	6020	0.2091	0.2	0	105	85-115				11/10/2005
LCS-25820	Zinc	mg/L	6020	1.012	1	0	101	85-115				11/10/2005
LCS-25821	Iron	mg/L	6010B	1.010	1	0	101	75-125				11/9/2005
LCS-25820	Sodium	mg/L	6010B	10.07	10	0	101	75-125				11/10/2005
LCS-25820	Aluminum	mg/L	6010B	0.9928	1	0	99.3	75-125				11/9/2005
LCS-25820	Boron	mg/L	6010B	0.9616	1	0	96.2	75-125				11/9/2005
LCS-25820	Calcium	mg/L	6010B	9.928	10	0	99.3	75-125				11/9/2005
LCS-25820	Iron	mg/L	6010B	1.026	1	0	103	75-125				11/9/2005
LCS-25820	Magnesium	mg/L	6010B	10.15	10	0	102	75-125				11/9/2005
LCS-25820	Molybdenum	mg/L	6010B	0.2008	0.2	0	100	75-125				11/9/2005
LCS-25820	Potassium	mg/L	6010B	10.12	10	0	101	75-125				11/9/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68520-01CMS	Manganese	mg/L	6020	0.3323	0.2	0.1267	103	70-130				11/10/2005
L68520-01DMS	Arsenic	mg/L	6020	0.1972	0.2	0	98.6	70-130				11/10/2005
L68520-01DMS	Cadmium	mg/L	6020	0.1986	0.2	0	99.3	70-130				11/10/2005
L68520-01DMS	Copper	mg/L	6020	0.1930	0.2	0	96.5	70-130				11/10/2005
L68520-01DMS	Lead	mg/L	6020	0.1881	0.2	0	94.1	70-130				11/10/2005
L68520-01DMS	Manganese	mg/L	6020	0.2373	0.2	0.0419	97.7	70-130				11/10/2005
L68520-01DMS	Selenium	mg/L	6020	0.2111	0.2	0	106	70-130				11/10/2005
L68520-01DMS	Zinc	mg/L	6020	0.9900	1	0.0107	97.9	70-130				11/10/2005
L68520-01CMS	Iron	mg/L	6010B	3.282	1	2.187	109	75-125				11/9/2005
L68520-01DMS	Calcium	mg/L	6010B	90.43	10	79.49	109	75-125				11/10/2005
L68520-01DMS	Sodium	mg/L	6010B	16.82	10	6.867	99.6	75-125				11/10/2005
L68520-01DMS	Aluminum	mg/L	6010B	1.015	1	0.08254	93.3	75-125				11/9/2005
L68520-01DMS	Boron	mg/L	6010B	0.9915	1	0.02303	96.8	75-125				11/9/2005
L68520-01DMS	Iron	mg/L	6010B	1.024	1	0	102	75-125				11/9/2005
L68520-01DMS	Magnesium	mg/L	6010B	27.38	10	17.31	101	75-125				11/9/2005
L68520-01DMS	Molybdenum	mg/L	6010B	0.1985	0.2	0	99.2	75-125				11/9/2005
L68520-01DMS	Potassium	mg/L	6010B	12.68	10	2.676	100	75-125				11/9/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
MB-25821	Manganese	mg/L	6020	< 0.0050				-				11/10/2005
MB-25820	Arsenic	mg/L	6020	< 0.0050				-				11/10/2005
MB-25820	Cadmium	mg/L	6020	< 0.0040				-				11/10/2005
MB-25820	Copper	mg/L	6020	< 0.0040				-				11/10/2005
MB-25820	Lead	mg/L	6020	< 0.0050				-				11/10/2005
MB-25820	Manganese	mg/L	6020	< 0.0050				-				11/10/2005
MB-25820	Selenium	mg/L	6020	< 0.0050				-				11/10/2005
MB-25820	Zinc	mg/L	6020	< 0.010				-				11/10/2005
MB-25821	Iron	mg/L	6010B	< 0.050				-				11/9/2005
MB-25820	Sodium	mg/L	6010B	< 1.0				-				11/10/2005
MB-25820	Aluminum	mg/L	6010B	< 0.10				-				11/9/2005
MB-25820	Boron	mg/L	6010B	< 0.50				-				11/9/2005
MB-25820	Calcium	mg/L	6010B	< 1.0				-				11/9/2005
MB-25820	Iron	mg/L	6010B	< 0.050				-				11/9/2005
MB-25820	Magnesium	mg/L	6010B	< 1.0				-				11/9/2005
MB-25820	Molybdenum	mg/L	6010B	< 0.10				-				11/9/2005
MB-25820	Potassium	mg/L	6010B	< 1.0				-				11/9/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
L68520-01CMSD	Manganese	mg/L	6020	0.3239	0.2	0.1267	98.6	70-130	2.56	20		11/10/2005
L68520-01DMSD	Arsenic	mg/L	6020	0.2046	0.2	0	102	70-130	3.68	20		11/10/2005
L68520-01DMSD	Cadmium	mg/L	6020	0.2067	0.2	0	103	70-130	4.00	20		11/10/2005
L68520-01DMSD	Copper	mg/L	6020	0.1995	0.2	0	99.8	70-130	3.31	20		11/10/2005
L68520-01DMSD	Lead	mg/L	6020	0.1963	0.2	0	98.2	70-130	4.27	20		11/10/2005
L68520-01DMSD	Manganese	mg/L	6020	0.2449	0.2	0.0419	102	70-130	3.15	20		11/10/2005
L68520-01DMSD	Selenium	mg/L	6020	0.2193	0.2	0	110	70-130	3.81	20		11/10/2005
L68520-01DMSD	Zinc	mg/L	6020	1.022	1	0.0107	101	70-130	3.19	20		11/10/2005
L68520-01CMSD	Iron	mg/L	6010B	3.256	1	2.187	107	75-125	0.783	20		11/9/2005
L68520-01DMSD	Calcium	mg/L	6010B	89.12	10	79.49	96.2	75-125	1.47	20		11/10/2005
L68520-01DMSD	Sodium	mg/L	6010B	16.77	10	6.867	99.1	75-125	0.308	20		11/10/2005
L68520-01DMSD	Aluminum	mg/L	6010B	1.018	1	0.08254	93.5	75-125	0.241	20		11/9/2005
L68520-01DMSD	Boron	mg/L	6010B	0.9997	1	0.02303	97.7	75-125	0.832	20		11/9/2005
L68520-01DMSD	Iron	mg/L	6010B	1.025	1	0	102	75-125	0.0235	20		11/9/2005
L68520-01DMSD	Magnesium	mg/L	6010B	27.12	10	17.31	98.1	75-125	0.956	20		11/9/2005
L68520-01DMSD	Molybdenum	mg/L	6010B	0.2058	0.2	0	103	75-125	3.62	20		11/9/2005
L68520-01DMSD	Potassium	mg/L	6010B	12.59	10	2.676	99.2	75-125	0.703	20		11/9/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68520-04ADUP	TDS	mg/L	160.1	736.0	0	716		-	2.75	20		11/1/2005
L68518-03DDUP	TSS	mg/L	160.2	97.00	0	96		-	1.04	20		11/1/2005
L68520-04ADUP	TSS	mg/L	160.2	11.00	0	10		-	9.52	20		11/1/2005
L68539-03ADUP	TSS	mg/L	160.2	4.000	0	6		-	40.0	20	*	11/1/2005
L68541-02ADUP	TSS	mg/L	160.2	790.0	0	775		-	1.92	20		11/1/2005

* High RPD due to low analyte concentration. In this range, high RPD's may be expected.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
LCS-R52156	Alkalinity,(As CaCO3)	mg/L	2320B	49140	50000	0	98.3	90-110				11/1/2005
LCS-R52205	Acidity	mg/L	305.1	55.00	50	0	110	80-120				11/2/2005
LCS-52455	Chloride	mg/L	4500-Cl E	24.16	25	0	96.6	90-110				11/9/2005
LCS-25889	Ammonia (as N)	mg/L	350.1	0.9020	1	0	90.2	90-110				11/9/2005
LCS-52181	Nitrite (as N)	mg/L	353.2	1.046	1	0	105	90-110				11/1/2005
LCS-52183	Nitrate (as N)	mg/L	353.2	1.034	1	0	103	90-110				11/1/2005
LCS-R52281	Oil & Grease	mg/L	EPA 1664	39.90	40	0	99.8	79-114				11/2/2005
LCS-52151	Phosphate, ortho (as P)	mg/L	365.1	0.9550	1	0.023	93.2	90-110				11/1/2005
LCS-R52477	Sulfate	mg/L	375.4	975.0	1000	0	97.5	90-110				11/10/2005
LCS-R52251	TDS	mg/L	160.1	204.0	205	0	99.5	80-120				11/1/2005
LCS-R52211	TSS	mg/L	160.2	101.0	100	0	101	80-120				11/1/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
MB-R52156	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				11/1/2005
MB-R52156	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				11/1/2005
MB-R52205	Acidity	mg/L	305.1	< 15				-				11/2/2005
MB-R52455	Chloride	mg/L	4500-Cl E	< 5.0				-				11/9/2005
MB-25889	Ammonia (as N)	mg/L	350.1	< 0.050				-				11/9/2005
MB-52181	Nitrite (as N)	mg/L	353.2	< 0.010				-				11/1/2005
MB-52183	Nitrate (as N)	mg/L	353.2	< 0.010				-				11/1/2005
MB-R52281	Oil & Grease	mg/L	EPA 1664	< 3.0				-				11/2/2005
MB-52151	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				11/1/2005
MB-R52477	Sulfate	mg/L	375.4	< 5.0				-				11/10/2005
MB-R52251	TDS	mg/L	160.1	< 10				-				11/1/2005
MB-R52211	TSS	mg/L	160.2	< 3.0				-				11/1/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
L68518-01CMS	Alkalinity,(As CaCO3)	mg/L	2320B	1070	200	866	102	80-120				11/1/2005
L68520-01BMS	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120				11/2/2005
L68520-01BMS	Chloride	mg/L	4500-Cl E	59.83	50	9.858	99.9	90-110				11/9/2005
L68520-03FMS	Ammonia (as N)	mg/L	350.1	0.9390	1	0.029	91.0	90-110				11/9/2005
L68518-01CMS	Nitrite (as N)	mg/L	353.2	0.9860	1	0	98.6	90-110				11/1/2005
L68518-01CMS	Nitrate (as N)	mg/L	353.2	0.9630	1	0	96.3	90-110				11/1/2005
L68520-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9860	1	0.055	93.1	90-110				11/1/2005
L68520-01BMS	Sulfate	mg/L	375.4	38.00	10	29	90.0	80-120				11/10/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68520
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68518-01CMSD	Alkalinity,(As CaCO3)	mg/L	2320B	1077	200	866	106	80-120	0.652	10		11/1/2005
L68520-01BMSD	Acidity	mg/L	305.1	50.00	50	0	100	80-120	8.33	20		11/2/2005
L68520-01BMSD	Chloride	mg/L	4500-Cl E	59.42	50	9.858	99.1	90-110	0.681	10		11/9/2005
L68520-03FMSD	Ammonia (as N)	mg/L	350.1	0.9650	1	0.029	93.6	90-110	2.73	10		11/9/2005
L68518-01CMSD	Nitrite (as N)	mg/L	353.2	1.102	1	0	110	90-110	11.1	10	@	11/1/2005
L68518-01CMSD	Nitrate (as N)	mg/L	353.2	1.039	1	0	104	90-110	7.59	10		11/1/2005
L68520-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9980	1	0.055	94.3	90-110	1.21	10		11/1/2005
L68520-01BMSD	Sulfate	mg/L	375.4	39.00	10	29	100	80-120	2.60	10		11/10/2005

@ High RPD due to suspected matrix interference.

American West Analytical Labs

WORK ORDER Summary

01-Nov-05

Work Order L68520

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+ (added 11/1)

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L68520-01A	Eagle Outlet	10/31/2005 11:40:00 AM	10/31/2005	11/14/2005	Aqueous	SS	ww - tss/tds/ss	1
				11/14/2005		TDS-W	ww - tss/tds/ss	1
				11/14/2005		TSS-W	ww - tss/tds/ss	1
L68520-01B				11/14/2005		2320B-ALK-W	oct 31- wc	1
				11/14/2005		300.0-W	oct 31- wc	1
				11/14/2005		ACIDITY-W	oct 31- wc	1
				11/14/2005		NO2-W	oct 31- wc	1
				11/14/2005		NO3-W	oct 31- wc	1
				11/14/2005		PO4-O	oct 31- wc	1
L68520-01C				11/14/2005		3005A-ICPMS	oct 31 - metals	1
				11/14/2005		6020-W	oct 31 - metals	1
				11/14/2005		ICP-W	oct 31 - metals	1
L68520-01D				11/14/2005	Aqueous-Dissolved	3005A-Diss	oct 31 - dis met	1
				11/14/2005		6020-W-DISS	oct 31 - dis met	1
				11/14/2005		HARD	oct 31 - dis met	1
				11/14/2005		ICP-W-DIS	oct 31 - dis met	1
L68520-01E				11/14/2005	Aqueous	OGB-W	ogb	1
L68520-01F				11/14/2005		NH3-W	oct 31 - nh3	1
				11/14/2005		NH3-W-PREP	oct 31 - nh3	1
L68520-02A	Sulfur Springs	10/31/2005 12:00:00 PM		11/14/2005		SS	ww - tss/tds/ss	1
				11/14/2005		TDS-W	ww - tss/tds/ss	1
				11/14/2005		TSS-W	ww - tss/tds/ss	1
L68520-02B				11/14/2005		2320B-ALK-W	oct 31- wc	1
				11/14/2005		300.0-W	oct 31- wc	1
				11/14/2005		ACIDITY-W	oct 31- wc	1
				11/14/2005		NO2-W	oct 31- wc	1
				11/14/2005		NO3-W	oct 31- wc	1

L68520

WORK ORDER Summary

01-Nov-05

Work Order L68520

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+ (added 11/1)

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L68520-02B	Sulfur Springs	10/31/2005 12:00:00 PM	10/31/2005	11/14/2005	Aqueous	PO4-O	oct 31- wc	1
L68520-02C				11/14/2005		3005A-ICPMS	oct 31 - metals	1
				11/14/2005		6020-W	oct 31 - metals	1
				11/14/2005		ICP-W	oct 31 - metals	1
L68520-02D				11/14/2005	Aqueous-Dissolved	3005A-Diss	oct 31 - dis met	1
				11/14/2005		6020-W-DISS	oct 31 - dis met	1
				11/14/2005		HARD	oct 31 - dis met	1
				11/14/2005		ICP-W-DIS	oct 31 - dis met	1
L68520-02E				11/14/2005	Aqueous	OGB-W	ogb	1
L68520-02F				11/14/2005		NH3-W	oct 31 - nh3	1
				11/14/2005		NH3-W-PREP	oct 31 - nh3	1
L68520-03A	Angle Spring	10/31/2005 12:45:00 PM		11/14/2005		SS	ww - tss/tds/ss	1
				11/14/2005		TDS-W	ww - tss/tds/ss	1
				11/14/2005		TSS-W	ww - tss/tds/ss	1
L68520-03B				11/14/2005		2320B-ALK-W	oct 31- wc	1
				11/14/2005		300.0-W	oct 31- wc	1
				11/14/2005		ACIDITY-W	oct 31- wc	1
				11/14/2005		NO2-W	oct 31- wc	1
				11/14/2005		NO3-W	oct 31- wc	1
				11/14/2005		PO4-O	oct 31- wc	1
L68520-03C				11/14/2005		3005A-ICPMS	oct 31 - metals	1
				11/14/2005		6020-W	oct 31 - metals	1
				11/14/2005		ICP-W	oct 31 - metals	1
L68520-03D				11/14/2005	Aqueous-Dissolved	3005A-Diss	oct 31 - dis met	1
				11/14/2005		6020-W-DISS	oct 31 - dis met	1
				11/14/2005		HARD	oct 31 - dis met	1
				11/14/2005		ICP-W-DIS	oct 31 - dis met	1
L68520-03E				11/14/2005	Aqueous	OGB-W	ogb	1

WORK ORDER Summary

01-Nov-05

Work Order L68520

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+ (added 11/1)

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L68520-03F	Angle Spring	10/31/2005 12:45:00 PM	10/31/2005	11/14/2005	Aqueous	NH3-W	oct 31 - nh3	1
				11/14/2005		NH3-W-PREP	oct 31 - nh3	1
L68520-04A	Mud Creek	10/31/2005 1:15:00 PM		11/14/2005		SS	ww - tss/tds/ss	1
				11/14/2005		TDS-W	ww - tss/tds/ss	1
				11/14/2005		TSS-W	ww - tss/tds/ss	1
L68520-04B				11/14/2005		2320B-ALK-W	oct 31- wc	1
				11/14/2005		300.0-W	oct 31- wc	1
				11/14/2005		ACIDITY-W	oct 31- wc	1
				11/14/2005		NO2-W	oct 31- wc	1
				11/14/2005		NO3-W	oct 31- wc	1
				11/14/2005		PO4-O	oct 31- wc	1
L68520-04C				11/14/2005		3005A-ICPMS	oct 31 - metals	1
				11/14/2005		6020-W	oct 31 - metals	1
				11/14/2005		ICP-W	oct 31 - metals	1
L68520-04D				11/14/2005	Aqueous-Dissolved	3005A-Diss	oct 31 - dis met	1
				11/14/2005		6020-W-DISS	oct 31 - dis met	1
				11/14/2005		HARD	oct 31 - dis met	1
				11/14/2005		ICP-W-DIS	oct 31 - dis met	1
L68520-04E				11/14/2005	Aqueous	OGB-W	ogb	1
L68520-04F				11/14/2005		NH3-W	oct 31 - nh3	1
				11/14/2005		NH3-W-PREP	oct 31 - nh3	1

Client Carbon Resources / ~~Whiskey Creek~~

Address _____

_____
City State Zip

Phone 970-835-3715 Fax _____

Contact Brad Lindsay

E-mail lindsay.Brad@gmail.com

Project Name Scofield Baseline

Project Number/P.O.# _____

Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
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CHAIN OF CUSTODY

Lab Sample Set # 68520

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Please indicate tests needed below: Can table 3 on file	COMMENTS
Eagle Outlet	10-31-05 11:40	W	6	✓	
Sulfer Springs	10-31-05 12:00	W	6	✓	
Angle Spring	10-31-05 12:45	W	6	✓	
Mud Creek	10-31-05 1:15	W	6	✓	

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes:

3 Temperature 8°C

4 Received Broken/Leaking (Improperly Sealed) Y N
Notes:

5 Properly Preserved Y N
Notes:

6 Received Within Holding Times Y N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA

2 Unbroken on Outer Package Y N NA

3 Present on Sample Y N NA

4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y N
Notes:

Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME BRAD LINDSAY	Time 16:00	PRINT NAME Elma Haylan
Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME

Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME
Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

Analysis the same as the previous set (table 3 surface water

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS		REPORTED AS
*	-	Water level or Flow		Depth, Flow
*	-	pH		Standard units
*	-	Specific Conductivity		umhos/cm @ 25° C
*	-	Dissolved Oxygen		mg/l
*	-	Temperature		°C
		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Settleable Solids		(UPDES)
*	-	Total Suspended Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphates(Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Oil & Grease[2]		mg/l
*	-	Cations		meq/l
*	-	Anions		meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 68520

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:

1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

December 08, 2005

AMERICAN WEST ANALYTICAL LABORATORIES

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Brad Lindsay
Carbon Resources
c/o Rock Logic Consulting
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L68977

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 11/29/2005 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-01E
Field Sample ID: **Eagle Outlet**
Collected: 11/28/2005 11:00:00 AM
Received: 11/29/2005

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/6/2005 2:24:14 PM	6010B	0.050	**1.2**
Manganese	mg/L	12/2/2005 3:59:44 PM	6020	0.0050	**0.12**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-02E
Field Sample ID: **Sulfur Spring**
Collected: 11/28/2005 11:35:00 AM
Received: 11/29/2005

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/6/2005 2:40:07 PM	6010B	0.050	< 0.050
Manganese	mg/L	12/2/2005 4:21:19 PM	6020	0.0050	**0.028**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-03E
Field Sample ID: **Mud Creek**
Collected: 11/28/2005 12:15:00 PM
Received: 11/29/2005

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Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/6/2005 2:44:05 PM	6010B	0.050	**0.25**
Manganese	mg/L	12/2/2005 4:26:44 PM	6020	0.0050	**0.030**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-04E
Field Sample ID: **Angle Spring**
Collected: 11/28/2005 1:15:00 PM
Received: 11/29/2005

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Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/6/2005 2:48:03 PM	6010B	0.050	< 0.050
Manganese	mg/L	12/2/2005 4:32:08 PM	6020	0.0050	< 0.0050

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-01D
Field Sample ID: **Eagle Outlet**
Collected: 11/28/2005 11:00:00 AM
Received: 11/29/2005

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/5/2005 10:24:48 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/2/2005 3:00:40 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/5/2005 10:24:48 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/2/2005 3:00:40 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/6/2005 3:58:50 PM	6010B	5.0	**100**
Copper	mg/L	12/2/2005 3:00:40 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/5/2005 10:24:48 PM	6010B	0.050	< 0.050
Lead	mg/L	12/2/2005 3:00:40 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/5/2005 10:24:48 PM	6010B	1.0	**20**
Manganese	mg/L	12/2/2005 3:00:40 PM	6020	0.0050	**0.070**
Molybdenum	mg/L	12/5/2005 10:24:48 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/5/2005 10:24:48 PM	6010B	1.0	**1.8**
Selenium	mg/L	12/2/2005 3:00:40 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/6/2005 3:58:50 PM	6010B	5.0	**7.3**
Zinc	mg/L	12/2/2005 3:00:40 PM	6020	0.010	**0.015**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-02D
Field Sample ID: **Sulfur Spring**
Collected: 11/28/2005 11:35:00 AM
Received: 11/29/2005

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/5/2005 10:40:31 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/2/2005 3:22:15 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/5/2005 10:40:31 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/2/2005 3:22:15 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/6/2005 4:14:55 PM	6010B	5.0	**91**
Copper	mg/L	12/2/2005 3:22:15 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/5/2005 10:40:31 PM	6010B	0.050	< 0.050
Lead	mg/L	12/2/2005 3:22:15 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/5/2005 10:40:31 PM	6010B	1.0	**37**
Manganese	mg/L	12/2/2005 3:22:15 PM	6020	0.0050	**0.031**
Molybdenum	mg/L	12/5/2005 10:40:31 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/5/2005 10:40:31 PM	6010B	1.0	**4.6**
Selenium	mg/L	12/2/2005 3:22:15 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/6/2005 4:14:55 PM	6010B	5.0	**8.8**
Zinc	mg/L	12/2/2005 3:22:15 PM	6020	0.010	**0.035**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-03D
Field Sample ID: **Mud Creek**
Collected: 11/28/2005 12:15:00 PM
Received: 11/29/2005

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/5/2005 10:57:45 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/2/2005 3:43:32 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/5/2005 10:57:45 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/2/2005 3:43:32 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/6/2005 4:18:54 PM	6010B	5.0	**98**
Copper	mg/L	12/2/2005 3:43:32 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/5/2005 10:57:45 PM	6010B	0.050	< 0.050
Lead	mg/L	12/2/2005 3:43:32 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/5/2005 10:57:45 PM	6010B	1.0	**59**
Manganese	mg/L	12/2/2005 3:43:32 PM	6020	0.0050	**0.022**
Molybdenum	mg/L	12/5/2005 10:57:45 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/5/2005 10:57:45 PM	6010B	1.0	**9.2**
Selenium	mg/L	12/2/2005 3:43:32 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/6/2005 4:18:54 PM	6010B	5.0	**53**
Zinc	mg/L	12/2/2005 3:43:32 PM	6020	0.010	**0.015**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-04D
Field Sample ID: **Angle Spring**
Collected: 11/28/2005 1:15:00 PM
Received: 11/29/2005

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/5/2005 11:01:40 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/2/2005 3:48:56 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/5/2005 11:01:40 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/2/2005 3:48:56 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/6/2005 4:22:48 PM	6010B	5.0	**100**
Copper	mg/L	12/2/2005 3:48:56 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/5/2005 11:01:40 PM	6010B	0.050	< 0.050
Lead	mg/L	12/2/2005 3:48:56 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/5/2005 11:01:40 PM	6010B	1.0	**18**
Manganese	mg/L	12/2/2005 3:48:56 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	12/5/2005 11:01:40 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/5/2005 11:01:40 PM	6010B	1.0	**1.0**
Selenium	mg/L	12/2/2005 3:48:56 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/6/2005 4:22:48 PM	6010B	5.0	**10**
Zinc	mg/L	12/2/2005 3:48:56 PM	6020	0.010	**0.024**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-01
Field Sample ID: **Eagle Outlet**
Collected: 11/28/2005 11:00:00 AM
Received: 11/29/2005

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/01/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/29/05	2320B	10	**290**
Ammonia (as N)	mg/L	12/07/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	11/29/05	2320B	10	**290**
Carbonate (As CaCO3)	mg/L	11/29/05	2320B	10	**< 10**
Chloride	mg/L	12/03/05	300.0	10	**12**
Hardness (as CaCO3)	mg/L	12/06/05	2340B	10	**330**
Nitrate (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	**0.36**
Nitrite (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	**0.010**
Oil & Grease	mg/L	11/30/05	EPA 1664	3.0	**3.9**
Phosphate, ortho (as P)	mg/L	11/29/05 12:23 pm	365.1	0.050	< 0.050
Settable Solids	ml/L	11/29/05 12:00 pm	2540F	0.10	**0.10**
Sulfate	mg/L	12/03/05	300.0	10	**30**
TDS	mg/L	12/02/05	160.1	10	**300**
TSS	mg/L	11/29/05	160.2	3.0	**44**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-02
Field Sample ID: **Sulfur Spring**
Collected: 11/28/2005 11:35:00 AM
Received: 11/29/2005

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/01/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/29/05	2320B	10	**340**
Ammonia (as N)	mg/L	12/07/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	11/29/05	2320B	10	**340**
Carbonate (As CaCO3)	mg/L	11/29/05	2320B	10	< 10
Chloride	mg/L	12/03/05	300.0	1.0	**6.2**
Hardness (as CaCO3)	mg/L	12/06/05	2340B	10	**380**
Nitrate (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	**0.010**
Oil & Grease	mg/L	11/30/05	EPA 1664	3.0	**3.6**
Phosphate, ortho (as P)	mg/L	11/29/05 12:23 pm	365.1	0.050	< 0.050
Settable Solids	ml/L	11/29/05 12:00 pm	2540F	0.10	< 0.10
Sulfate	mg/L	12/03/05	300.0	10	**45**
TDS	mg/L	12/02/05	160.1	10	**330**
TSS	mg/L	11/29/05	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-03
Field Sample ID: **Mud Creek**
Collected: 11/28/2005 12:15:00 PM
Received: 11/29/2005

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/01/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/29/05	2320B	10	**270**
Ammonia (as N)	mg/L	12/07/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	11/29/05	2320B	10	**250**
Carbonate (As CaCO3)	mg/L	11/29/05	2320B	10	**24**
Chloride	mg/L	12/03/05	300.0	10	**15**
Hardness (as CaCO3)	mg/L	12/06/05	2340B	10	**490**
Nitrate (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	**0.40**
Nitrite (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	**0.013**
Oil & Grease	mg/L	11/30/05	EPA 1664	3.0	**4.1**
Phosphate, ortho (as P)	mg/L	11/29/05 12:23 pm	365.1	0.050	< 0.050
Settable Solids	ml/L	11/29/05 12:00 pm	2540F	0.10	< 0.10
Sulfate	mg/L	12/03/05	300.0	100	**260**
TDS	mg/L	12/02/05	160.1	10	**700**
TSS	mg/L	11/29/05	160.2	3.0	**23**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L68977-04
Field Sample ID: **Angle Spring**
Collected: 11/28/2005 1:15:00 PM
Received: 11/29/2005

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/01/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/29/05	2320B	10	**300**
Ammonia (as N)	mg/L	12/07/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	11/29/05	2320B	10	**300**
Carbonate (As CaCO3)	mg/L	11/29/05	2320B	10	< 10
Chloride	mg/L	12/03/05	300.0	10	**22**
Hardness (as CaCO3)	mg/L	12/06/05	2340B	10	**340**
Nitrate (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	**0.96**
Nitrite (as N)	mg/L	11/29/05 1:48 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/30/05	EPA 1664	3.0	**3.7**
Phosphate, ortho (as P)	mg/L	11/29/05 12:23 pm	365.1	0.050	< 0.050
Settable Solids	ml/L	11/29/05 12:00 pm	2540F	0.10	< 0.10
Sulfate	mg/L	12/03/05	300.0	10	**16**
TDS	mg/L	12/02/05	160.1	10	**290**
TSS	mg/L	11/29/05	160.2	3.0	< 3.0

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-26226	Manganese	mg/L	6020	0.1984	0.2	0	99.2	85-115				12/2/2005
LCS-26225	Arsenic	mg/L	6020	0.2258	0.2	0	113	85-115				12/2/2005
LCS-26225	Cadmium	mg/L	6020	0.2038	0.2	0	102	85-115				12/2/2005
LCS-26225	Copper	mg/L	6020	0.1998	0.2	0	99.9	85-115				12/2/2005
LCS-26225	Lead	mg/L	6020	0.2084	0.2	0	104	85-115				12/2/2005
LCS-26225	Manganese	mg/L	6020	0.2041	0.2	0	102	85-115				12/2/2005
LCS-26225	Selenium	mg/L	6020	0.2132	0.2	0	107	85-115				12/2/2005
LCS-26225	Zinc	mg/L	6020	1.027	1	0	103	85-115				12/2/2005
LCS-26226	Iron	mg/L	6010B	1.062	1	0	106	75-125				12/6/2005
LCS-26225	Aluminum	mg/L	6010B	0.8936	1	0	89.4	75-125				12/5/2005
LCS-26225	Boron	mg/L	6010B	1.004	1	0	100	75-125				12/5/2005
LCS-26225	Iron	mg/L	6010B	1.082	1	0	108	75-125				12/5/2005
LCS-26225	Magnesium	mg/L	6010B	10.72	10	0	107	75-125				12/5/2005
LCS-26225	Molybdenum	mg/L	6010B	0.2058	0.2	0	103	75-125				12/5/2005
LCS-26225	Potassium	mg/L	6010B	10.07	10	0	101	75-125				12/5/2005
LCS-26225	Calcium	mg/L	6010B	10.69	10	0	107	75-125				12/6/2005
LCS-26225	Sodium	mg/L	6010B	10.22	10	0	102	75-125				12/6/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-26226	Manganese	mg/L	6020	< 0.0050				-				12/2/2005
MB-26225	Arsenic	mg/L	6020	< 0.0050				-				12/2/2005
MB-26225	Cadmium	mg/L	6020	< 0.0040				-				12/2/2005
MB-26225	Copper	mg/L	6020	< 0.0040				-				12/2/2005
MB-26225	Lead	mg/L	6020	< 0.0050				-				12/2/2005
MB-26225	Manganese	mg/L	6020	< 0.0050				-				12/2/2005
MB-26225	Selenium	mg/L	6020	< 0.0050				-				12/2/2005
MB-26225	Zinc	mg/L	6020	< 0.010				-				12/2/2005
MB-26226	Iron	mg/L	6010B	< 0.050				-				12/6/2005
MB-26225	Aluminum	mg/L	6010B	< 0.10				-				12/5/2005
MB-26225	Boron	mg/L	6010B	< 0.50				-				12/5/2005
MB-26225	Iron	mg/L	6010B	< 0.050				-				12/5/2005
MB-26225	Magnesium	mg/L	6010B	< 1.0				-				12/5/2005
MB-26225	Molybdenum	mg/L	6010B	< 0.10				-				12/5/2005
MB-26225	Potassium	mg/L	6010B	< 1.0				-				12/5/2005
MB-26225	Calcium	mg/L	6010B	< 1.0				-				12/6/2005
MB-26225	Sodium	mg/L	6010B	< 1.0				-				12/6/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68977-01EMS	Manganese	mg/L	6020	0.3034	0.2	0.1184	92.5	70-130				12/2/2005
L68977-01DMS	Arsenic	mg/L	6020	0.2289	0.2	0	114	70-130				12/2/2005
L68977-01DMS	Cadmium	mg/L	6020	0.2031	0.2	0	102	70-130				12/2/2005
L68977-01DMS	Copper	mg/L	6020	0.1821	0.2	0	91.0	70-130				12/2/2005
L68977-01DMS	Lead	mg/L	6020	0.2160	0.2	0	108	70-130				12/2/2005
L68977-01DMS	Manganese	mg/L	6020	0.2688	0.2	0.0699	99.5	70-130				12/2/2005
L68977-01DMS	Selenium	mg/L	6020	0.2243	0.2	0	112	70-130				12/2/2005
L68977-01DMS	Zinc	mg/L	6020	1.018	1	0.0146	100	70-130				12/2/2005
L68977-01EMS	Iron	mg/L	6010B	2.342	1	1.239	110	75-125				12/6/2005
L68977-01DMS	Aluminum	mg/L	6010B	0.9630	1	0	96.3	75-125				12/5/2005
L68977-01DMS	Boron	mg/L	6010B	1.010	1	0	101	75-125				12/5/2005
L68977-01DMS	Iron	mg/L	6010B	1.065	1	0	106	75-125				12/5/2005
L68977-01DMS	Magnesium	mg/L	6010B	30.59	10	20.37	102	75-125				12/5/2005
L68977-01DMS	Molybdenum	mg/L	6010B	0.2065	0.2	0	103	75-125				12/5/2005
L68977-01DMS	Potassium	mg/L	6010B	12.19	10	1.784	104	75-125				12/5/2005
L68977-01DMS	Calcium	mg/L	6010B	109.2	10	99.59	96.4	75-125				12/6/2005
L68977-01DMS	Sodium	mg/L	6010B	17.33	10	7.273	101	75-125				12/6/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68977-01EMSD	Manganese	mg/L	6020	0.3144	0.2	0.1184	98.0	70-130	3.56	20		12/2/2005
L68977-01DMSD	Arsenic	mg/L	6020	0.2327	0.2	0	116	70-130	1.65	20		12/2/2005
L68977-01DMSD	Cadmium	mg/L	6020	0.2090	0.2	0	104	70-130	2.86	20		12/2/2005
L68977-01DMSD	Copper	mg/L	6020	0.1840	0.2	0	92.0	70-130	1.04	20		12/2/2005
L68977-01DMSD	Lead	mg/L	6020	0.2241	0.2	0	112	70-130	3.68	20		12/2/2005
L68977-01DMSD	Manganese	mg/L	6020	0.2746	0.2	0.0699	102	70-130	2.13	20		12/2/2005
L68977-01DMSD	Selenium	mg/L	6020	0.2312	0.2	0	116	70-130	3.03	20		12/2/2005
L68977-01DMSD	Zinc	mg/L	6020	1.028	1	0.0146	101	70-130	1.05	20		12/2/2005
L68977-01EMSD	Iron	mg/L	6010B	2.360	1	1.239	112	75-125	0.755	20		12/6/2005
L68977-01DMSD	Aluminum	mg/L	6010B	0.9580	1	0	95.8	75-125	0.521	20		12/5/2005
L68977-01DMSD	Boron	mg/L	6010B	1.017	1	0	102	75-125	0.653	20		12/5/2005
L68977-01DMSD	Iron	mg/L	6010B	1.061	1	0	106	75-125	0.291	20		12/5/2005
L68977-01DMSD	Magnesium	mg/L	6010B	30.55	10	20.37	102	75-125	0.118	20		12/5/2005
L68977-01DMSD	Molybdenum	mg/L	6010B	0.2068	0.2	0	103	75-125	0.160	20		12/5/2005
L68977-01DMSD	Potassium	mg/L	6010B	12.47	10	1.784	107	75-125	2.29	20		12/5/2005
L68977-01DMSD	Calcium	mg/L	6010B	108.4	10	99.59	87.8	75-125	0.791	20		12/6/2005
L68977-01DMSD	Sodium	mg/L	6010B	17.37	10	7.273	101	75-125	0.249	20		12/6/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68977-01CDUP	Chloride	mg/L	300.0	12.59	0	12.39		-	1.57	20		12/3/2005
L68977-01CDUP	Sulfate	mg/L	300.0	29.57	0	30.24		-	2.24	20		12/3/2005
L68977-04BDUP	TDS	mg/L	160.1	300.0	0	288		-	4.08	20		12/2/2005
L68999-01CDUP	TDS	mg/L	160.1	1400	0	1000		-	33.3	20	~	12/2/2005
L68977-04ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		11/29/2005
L68981-03ADUP	TSS	mg/L	160.2	10.00	0	10		-	0	20		11/29/2005
L68985-02ADUP	TSS	mg/L	160.2	1050	0	1040		-	0.957	20		11/29/2005

~ High RPD due to suspected sample non-homogeneity.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R52954	Alkalinity,(As CaCO3)	mg/L	2320B	49020	50000	0	98.0	90-110				11/29/2005
LCS-R53107	Chloride	mg/L	300.0	5.041	5	0	101	90-110				12/2/2005
LCS-R53107	Sulfate	mg/L	300.0	5.119	5	0	102	90-110				12/2/2005
LCS-R53022	Acidity	mg/L	305.1	55.00	50	0	110	80-120				12/1/2005
LCS-26282	Ammonia (as N)	mg/L	350.1	0.9150	1	0	91.5	90-110				12/7/2005
LCS-52958	Nitrite (as N)	mg/L	353.2	0.9380	1	0	93.8	90-110				11/29/2005
LCS-52959	Nitrate (as N)	mg/L	353.2	0.9780	1	0	97.8	90-110				11/29/2005
LCS-R53035	Oil & Grease	mg/L	EPA 1664	40.60	40	0	102	79-114				11/30/2005
LCS-52955	Phosphate, ortho (as P)	mg/L	365.1	0.9870	1	0	98.7	90-110				11/29/2005
LCS-R53132	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				12/2/2005
LCS-R52988	TSS	mg/L	160.2	100.0	100	0	100	80-120				11/29/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R52954	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				11/29/2005
MB-R52954	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				11/29/2005
MB-R52954	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				11/29/2005
MB-R53107	Chloride	mg/L	300.0	< 1.0				-				12/2/2005
MB-R53107	Sulfate	mg/L	300.0	< 1.0				-				12/2/2005
MB-R53022	Acidity	mg/L	305.1	< 15				-				12/1/2005
MB-26282	Ammonia (as N)	mg/L	350.1	< 0.050				-				12/7/2005
MB-52958	Nitrite (as N)	mg/L	353.2	< 0.010				-				11/29/2005
MB-52959	Nitrate (as N)	mg/L	353.2	< 0.010				-				11/29/2005
MB-R53035	Oil & Grease	mg/L	EPA 1664	< 3.0				-				11/30/2005
MB-52955	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				11/29/2005
MB-R53132	TDS	mg/L	160.1	< 10				-				12/2/2005
MB-R52988	TSS	mg/L	160.2	< 3.0				-				11/29/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68977-01CMS	Alkalinity,(As CaCO3)	mg/L	2320B	397.0	100	294	103	80-120				11/29/2005
L68977-01CMS	Chloride	mg/L	300.0	60.88	50	12.39	97.0	90-110				12/3/2005
L68977-01CMS	Sulfate	mg/L	300.0	81.08	50	30.24	102	90-110				12/3/2005
L68977-01CMS	Acidity	mg/L	305.1	42.00	50	0	84.0	80-120				12/1/2005
L68977-02FMS	Ammonia (as N)	mg/L	350.1	0.9810	1	0	98.1	90-110				12/7/2005
L68977-01CMS	Nitrite (as N)	mg/L	353.2	0.9890	1	0.01	97.9	90-110				11/29/2005
L68977-01CMS	Nitrate (as N)	mg/L	353.2	1.297	1	0.356	94.1	90-110				11/29/2005
L68977-01CMS	Phosphate, ortho (as P)	mg/L	365.1	0.9430	1	0	94.3	90-110				11/29/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L68977-01CMSD	Alkalinity,(As CaCO3)	mg/L	2320B	394.0	100	294	100	80-120	0.759	10		11/29/2005
L68977-01CMSD	Chloride	mg/L	300.0	60.21	50	12.39	95.6	90-110	1.10	20		12/3/2005
L68977-01CMSD	Sulfate	mg/L	300.0	79.72	50	30.24	98.9	90-110	1.70	20		12/3/2005
L68977-01CMSD	Acidity	mg/L	305.1	44.00	50	0	88.0	80-120	4.65	20		12/1/2005
L68977-02FMSD	Ammonia (as N)	mg/L	350.1	0.9190	1	0	91.9	90-110	6.53	10		12/7/2005
L68977-01CMSD	Nitrite (as N)	mg/L	353.2	0.9630	1	0.01	95.3	90-110	2.66	10		11/29/2005
L68977-01CMSD	Nitrate (as N)	mg/L	353.2	1.418	1	0.356	106	90-110	8.91	10		11/29/2005
L68977-01CMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9460	1	0	94.6	90-110	0.318	10		11/29/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R53035	Oil & Grease	mg/L	EPA 1664	40.80	40	0	102	79-114				11/30/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L68977
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R53035	Oil & Grease	mg/L	EPA 1664	41.60	40	0	104	79-114				11/30/2005

American West Analytical Labs

WORK ORDER Summary

29-Nov-05

Work Order L68977

Client ID: WHI100
Project: Scofield Baseline
Comments: QCLevel: 2+.

QC Level: 2+
Location: HOK 05

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L68977-01A	Eagle Outlet	11/28/2005 11:00:00 AM	11/29/2005	12/13/2005	Aqueous	SS	ww - tss/ss	1
				12/13/2005		TSS-W	ww - tss/ss	1
L68977-01B				12/13/2005		TDS-W	ww - tds	1
L68977-01C				12/13/2005		2320B-ALK-W	nov 29 - wc	1
				12/13/2005		300.0-W	nov 29 - wc	1
				12/13/2005		ACIDITY-W	nov 29 - wc	1
				12/13/2005		NO2-W	nov 29 - wc	1
				12/13/2005		NO3-W	nov 29 - wc	1
				12/13/2005		PO4-O	nov 29 - wc	1
L68977-01D				12/13/2005	Aqueous-Dissolved	3005A-Diss	nov 29 - wc	1
				12/13/2005		6020-W-DISS	nov 29 - wc	1
				12/13/2005		HARD	nov 29 - wc	1
				12/13/2005		ICP-W-DIS	nov 29 - wc	1
L68977-01E				12/13/2005	Aqueous	3005A-ICPMS	nov 29 - metals	1
				12/13/2005		6020-W	nov 29 - metals	1
				12/13/2005		ICP-W	nov 29 - metals	1
L68977-01F				12/13/2005		NH3-W	nov 29 - nh3	1
				12/13/2005		NH3-W-PREP	nov 29 - nh3	1
L68977-01G				12/13/2005		OGB-W	ogb	1
L68977-02A	Sulfur Spring	11/28/2005 11:35:00 AM		12/13/2005		SS	ww - tss/ss	1
				12/13/2005		TSS-W	ww - tss/ss	1
L68977-02B				12/13/2005		TDS-W	ww - tds	1
L68977-02C				12/13/2005		2320B-ALK-W	nov 29 - wc	1
				12/13/2005		300.0-W	nov 29 - wc	1
				12/13/2005		ACIDITY-W	nov 29 - wc	1
				12/13/2005		NO2-W	nov 29 - wc	1
				12/13/2005		NO3-W	nov 29 - wc	1

L68977

WORK ORDER Summary

29-Nov-05

Work Order L68977

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L68977-02C	Sulfur Spring	11/28/2005 11:35:00 AM	11/29/2005	12/13/2005	Aqueous	PO4-O	nov 29 - wc	1
L68977-02D				12/13/2005	Aqueous-Dissolved	3005A-Diss	nov 29 - wc	1
				12/13/2005		6020-W-DISS	nov 29 - wc	1
				12/13/2005		HARD	nov 29 - wc	1
				12/13/2005		ICP-W-DIS	nov 29 - wc	1
L68977-02E				12/13/2005	Aqueous	3005A-ICPMS	nov 29 - metals	1
				12/13/2005		6020-W	nov 29 - metals	1
				12/13/2005		ICP-W	nov 29 - metals	1
L68977-02F				12/13/2005		NH3-W	nov 29 - nh3	1
				12/13/2005		NH3-W-PREP	nov 29 - nh3	1
L68977-02G				12/13/2005		OGB-W	ogb	1
L68977-03A	Mud Creek	11/28/2005 12:15:00 PM		12/13/2005		SS	ww - tss/ss	1
				12/13/2005		TSS-W	ww - tss/ss	1
L68977-03B				12/13/2005		TDS-W	ww - tds	1
L68977-03C				12/13/2005		2320B-ALK-W	nov 29 - wc	1
				12/13/2005		300.0-W	nov 29 - wc	1
				12/13/2005		ACIDITY-W	nov 29 - wc	1
				12/13/2005		NO2-W	nov 29 - wc	1
				12/13/2005		NO3-W	nov 29 - wc	1
				12/13/2005		PO4-O	nov 29 - wc	1
L68977-03D				12/13/2005	Aqueous-Dissolved	3005A-Diss	nov 29 - wc	1
				12/13/2005		6020-W-DISS	nov 29 - wc	1
				12/13/2005		HARD	nov 29 - wc	1
				12/13/2005		ICP-W-DIS	nov 29 - wc	1
L68977-03E				12/13/2005	Aqueous	3005A-ICPMS	nov 29 - metals	1
				12/13/2005		6020-W	nov 29 - metals	1
				12/13/2005		ICP-W	nov 29 - metals	1
L68977-03F				12/13/2005		NH3-W	nov 29 - nh3	1

WORK ORDER Summary

29-Nov-05

Work Order L68977

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L68977-03F	Mud Creek	11/28/2005 12:15:00 PM	11/29/2005	12/13/2005	Aqueous	NH3-W-PREP	nov 29 - nh3	1
L68977-03G				12/13/2005		OGB-W	ogb	1
L68977-04A	Angle Spring	11/28/2005 1:15:00 PM		12/13/2005		SS	ww - tss/ss	1
				12/13/2005		TSS-W	ww - tss/ss	1
L68977-04B				12/13/2005		TDS-W	ww - tds	1
L68977-04C				12/13/2005		2320B-ALK-W	nov 29 - wc	1
				12/13/2005		300.0-W	nov 29 - wc	1
				12/13/2005		ACIDITY-W	nov 29 - wc	1
				12/13/2005		NO2-W	nov 29 - wc	1
				12/13/2005		NO3-W	nov 29 - wc	1
				12/13/2005		PO4-O	nov 29 - wc	1
L68977-04D				12/13/2005	Aqueous-Dissolved	3005A-Diss	nov 29 - wc	1
				12/13/2005		6020-W-DISS	nov 29 - wc	1
				12/13/2005		HARD	nov 29 - wc	1
				12/13/2005		ICP-W-DIS	nov 29 - wc	1
L68977-04E				12/13/2005	Aqueous	3005A-ICPMS	nov 29 - metals	1
				12/13/2005		6020-W	nov 29 - metals	1
				12/13/2005		ICP-W	nov 29 - metals	1
L68977-04F				12/13/2005		NH3-W	nov 29 - nh3	1
				12/13/2005		NH3-W-PREP	nov 29 - nh3	1
L68977-04G				12/13/2005		OGB-W	ogb	1

Client Carbon Resources
Address C/O Rock Logic PO Box 544
CEDAREDGE CO 81413
City State Zip
Phone 435-851-9044 Fax

Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

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Salt Lake City, Utah 84115
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CHAIN OF CUSTODY

Lab Sample Set # L8977
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 (2+) 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	See tab 2 on file	Please indicate tests needed below	COMMENTS
Eagle outlet	11-28-05/11:00	W	6	✓		
Sulfer Spring	11-28-05/11:35	W	6	✓		
Mud Creek	11-28-05/12:15	W	6	✓		
Angle Spring	11-28-05/13:15	W	6	✓		

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 1°C
4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 15:00	PRINT NAME
Relinquished By: Signature UPS	Date 11/29/05	Received By: Signature
PRINT NAME	Time 10:45	PRINT NAME ROBERT WINKLER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

please filter for dissolved metals

analysis the same as the previous set (table 2 surface water)

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS		REPORTED AS
*	-	Water level or Flow		Depth, Flow
*	-	pH		Standard units
*	-	Specific Conductivity		umhos/cm @ 25° C
*	-	Dissolved Oxygen		mg/l
*	-	Temperature		°C
		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Settleable Solids		(UPDES)
*	-	Total Suspended Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphates(Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Oil & Grease[2]		mg/l
*	-	Cations		meq/l
*	-	Anions		meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 68977

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:
1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

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January 03, 2006

Brad Lindsay
Carbon Resources
c/o Rock Logic Consulting
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L69428

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 12/22/2005 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L69428-01D
Field Sample ID: **Mud Creek**
Collected: 12/22/2005 12:30:00 PM
Received: 12/22/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/27/2005 3:17:24 PM	6010B	0.050	**0.28**
Manganese	mg/L	12/28/2005 2:43:04 PM	6020	0.0050	**0.028**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-02D
Field Sample ID: **Sulfur Spring**
Collected: 12/22/2005 1:00:00 PM
Received: 12/22/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/27/2005 3:34:56 PM	6010B	0.050	< 0.050
Manganese	mg/L	12/28/2005 3:15:28 PM	6020	0.0050	**0.033**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L69428-03D
Field Sample ID: **Eagle Outlet**
Collected: 12/22/2005 9:00:00 AM
Received: 12/22/2005

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/27/2005 3:38:51 PM	6010B	0.050	**1.5**
Manganese	mg/L	12/28/2005 3:20:49 PM	6020	0.0050	**0.14**

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Kyle F. Gross
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Peggy McNicol
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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-04D
Field Sample ID: **Angle Spring**
Collected: 12/22/2005 11:00:00 AM
Received: 12/22/2005

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/27/2005 3:42:46 PM	6010B	0.050	< 0.050
Manganese	mg/L	12/28/2005 3:26:14 PM	6020	0.0050	< 0.0050

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L69428-01C
Field Sample ID: **Mud Creek**
Collected: 12/22/2005 12:30:00 PM
Received: 12/22/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/27/2005 4:05:52 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/28/2005 1:59:54 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/27/2005 4:05:52 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/28/2005 1:59:54 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/27/2005 4:05:52 PM	6010B	10	**91** [2]
Copper	mg/L	12/28/2005 1:59:54 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/27/2005 4:05:52 PM	6010B	0.050	< 0.050
Lead	mg/L	12/28/2005 1:59:54 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/27/2005 4:05:52 PM	6010B	1.0	**50**
Manganese	mg/L	12/28/2005 1:59:54 PM	6020	0.0050	**0.021**
Molybdenum	mg/L	12/27/2005 4:05:52 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/27/2005 4:05:52 PM	6010B	1.0	**7.6**
Selenium	mg/L	12/28/2005 1:59:54 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/27/2005 6:28:40 PM	6010B	1.0	**35**
Zinc	mg/L	12/28/2005 1:59:54 PM	6020	0.010	< 0.010

[2] *Analyte concentration is too high for accurate spike recovery.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-02C
Field Sample ID: **Sulfur Spring**
Collected: 12/22/2005 1:00:00 PM
Received: 12/22/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/27/2005 4:26:42 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/28/2005 2:21:30 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/27/2005 4:26:42 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/28/2005 2:21:30 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/27/2005 4:26:42 PM	6010B	1.0	**93**
Copper	mg/L	12/28/2005 2:21:30 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/27/2005 4:26:42 PM	6010B	0.050	< 0.050
Lead	mg/L	12/28/2005 2:21:30 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/27/2005 4:26:42 PM	6010B	1.0	**36**
Manganese	mg/L	12/28/2005 2:21:30 PM	6020	0.0050	**0.035**
Molybdenum	mg/L	12/27/2005 4:26:42 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/27/2005 4:26:42 PM	6010B	1.0	**5.0**
Selenium	mg/L	12/28/2005 2:21:30 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/27/2005 6:44:32 PM	6010B	1.0	**9.1**
Zinc	mg/L	12/28/2005 2:21:30 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-03C
Field Sample ID: **Eagle Outlet**
Collected: 12/22/2005 9:00:00 AM
Received: 12/22/2005

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/27/2005 4:30:50 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/28/2005 2:26:53 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/27/2005 4:30:50 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/28/2005 2:26:53 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/27/2005 4:30:50 PM	6010B	1.0	**95**
Copper	mg/L	12/28/2005 2:26:53 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/27/2005 4:30:50 PM	6010B	0.050	< 0.050
Lead	mg/L	12/28/2005 2:26:53 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/27/2005 4:30:50 PM	6010B	1.0	**18**
Manganese	mg/L	12/28/2005 2:26:53 PM	6020	0.0050	**0.074**
Molybdenum	mg/L	12/27/2005 4:30:50 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/27/2005 4:30:50 PM	6010B	1.0	**1.9**
Selenium	mg/L	12/28/2005 2:26:53 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/28/2005 12:03:01 PM	6010B	1.0	**6.4**
Zinc	mg/L	12/28/2005 2:26:53 PM	6020	0.010	**0.023**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-04C
Field Sample ID: **Angle Spring**
Collected: 12/22/2005 11:00:00 AM
Received: 12/22/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	12/27/2005 4:35:13 PM	6010B	0.10	< 0.10
Arsenic	mg/L	12/28/2005 2:32:15 PM	6020	0.0050	< 0.0050
Boron	mg/L	12/27/2005 4:35:13 PM	6010B	0.50	< 0.50
Cadmium	mg/L	12/28/2005 2:32:15 PM	6020	0.0040	< 0.0040
Calcium	mg/L	12/27/2005 4:35:13 PM	6010B	1.0	**100**
Copper	mg/L	12/28/2005 2:32:15 PM	6020	0.0040	< 0.0040
Iron	mg/L	12/27/2005 4:35:13 PM	6010B	0.050	< 0.050
Lead	mg/L	12/28/2005 2:32:15 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	12/27/2005 4:35:13 PM	6010B	1.0	**19**
Manganese	mg/L	12/28/2005 2:32:15 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	12/27/2005 4:35:13 PM	6010B	0.10	< 0.10
Potassium	mg/L	12/27/2005 4:35:13 PM	6010B	1.0	**1.4**
Selenium	mg/L	12/28/2005 2:32:15 PM	6020	0.0050	< 0.0050
Sodium	mg/L	12/28/2005 12:06:57 PM	6010B	1.0	**9.8**
Zinc	mg/L	12/28/2005 2:32:15 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-01
Field Sample ID: **Mud Creek**
Collected: 12/22/2005 12:30:00 PM
Received: 12/22/2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	12/23/05	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	12/23/05	2320B	10	**250**	
Ammonia (as N)	mg/L	12/28/05	350.1	0.050	< 0.050	1
Bicarbonate (As CaCO3)	mg/L	12/23/05	2320B	10	**250**	
Carbonate (As CaCO3)	mg/L	12/23/05	2320B	10	< 10	
Chloride	mg/L	12/28/05	300.0	10	**17**	
Hardness (as CaCO3)	mg/L	12/27/05	2340B	10	**430**	
Nitrate (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	**0.28**	1
Nitrite (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	< 0.010	1
Oil & Grease	mg/L	12/28/05	EPA 1664	3.0	**3.1**	
Phosphate, ortho (as P)	mg/L	12/23/05 10:42 am	365.1	0.050	< 0.050	1@
Settable Solids	ml/L	12/23/05 10:00 am	2540F	0.10	< 0.10	
Sulfate	mg/L	12/28/05	300.0	100	**190**	
TDS	mg/L	12/23/05	160.1	10	**600**	
TSS	mg/L	12/23/05	160.2	3.0	**13**	

1 Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-02
Field Sample ID: **Sulfur Spring**
Collected: 12/22/2005 1:00:00 PM
Received: 12/22/2005

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Kyle F. Gross
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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/23/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	12/23/05	2320B	10	**340**
Ammonia (as N)	mg/L	12/28/05	350.1	0.050	**0.13**
Bicarbonate (As CaCO3)	mg/L	12/23/05	2320B	10	**340**
Carbonate (As CaCO3)	mg/L	12/23/05	2320B	10	< 10
Chloride	mg/L	12/28/05	300.0	1.0	**6.3**
Hardness (as CaCO3)	mg/L	12/27/05	2340B	10	**380**
Nitrate (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	**0.010**
Oil & Grease	mg/L	12/28/05	EPA 1664	3.0	**4.2**
Phosphate, ortho (as P)	mg/L	12/23/05 10:42 am	365.1	0.050	< 0.050
Settable Solids	ml/L	12/23/05 10:00 am	2540F	0.10	< 0.10
Sulfate	mg/L	12/28/05	300.0	10	**46**
TDS	mg/L	12/23/05	160.1	10	**420**
TSS	mg/L	12/23/05	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-03
Field Sample ID: **Eagle Outlet**
Collected: 12/22/2005 9:00:00 AM
Received: 12/22/2005

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/23/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	12/23/05	2320B	10	**280**
Ammonia (as N)	mg/L	12/28/05	350.1	0.050	**0.087**
Bicarbonate (As CaCO3)	mg/L	12/23/05	2320B	10	**280**
Carbonate (As CaCO3)	mg/L	12/23/05	2320B	10	< 10
Chloride	mg/L	12/28/05	300.0	10	**11**
Hardness (as CaCO3)	mg/L	12/27/05	2340B	10	**310**
Nitrate (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	**0.53**
Nitrite (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	**0.012**
Oil & Grease	mg/L	12/28/05	EPA 1664	3.0	**3.5**
Phosphate, ortho (as P)	mg/L	12/23/05 10:42 am	365.1	0.050	< 0.050
Settable Solids	ml/L	12/23/05 10:00 am	2540F	0.10	**0.10**
Sulfate	mg/L	12/28/05	300.0	10	**27**
TDS	mg/L	12/23/05	160.1	10	**370**
TSS	mg/L	12/23/05	160.2	3.0	**75**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69428-04
Field Sample ID: **Angle Spring**
Collected: 12/22/2005 11:00:00 AM
Received: 12/22/2005

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	12/23/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	12/23/05	2320B	10	**310**
Ammonia (as N)	mg/L	12/28/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	12/23/05	2320B	10	**310**
Carbonate (As CaCO3)	mg/L	12/23/05	2320B	10	< 10
Chloride	mg/L	12/28/05	300.0	10	**22**
Hardness (as CaCO3)	mg/L	12/27/05	2340B	10	**330**
Nitrate (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	**0.98**
Nitrite (as N)	mg/L	12/23/05 3:26 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	12/28/05	EPA 1664	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	12/23/05 10:42 am	365.1	0.050	< 0.050
Settable Solids	ml/L	12/23/05 10:00 am	2540F	0.10	< 0.10
Sulfate	mg/L	12/28/05	300.0	10	**15**
TDS	mg/L	12/23/05	160.1	10	**400**
TSS	mg/L	12/23/05	160.2	3.0	< 3.0

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-26529	Manganese	mg/L	6020	0.1987	0.2	0.0009143	98.9	85-115				12/28/2005
LCS-26528	Arsenic	mg/L	6020	0.2057	0.2	0	103	85-115				12/28/2005
LCS-26528	Cadmium	mg/L	6020	0.2046	0.2	0	102	85-115				12/28/2005
LCS-26528	Copper	mg/L	6020	0.2026	0.2	0	101	85-115				12/28/2005
LCS-26528	Lead	mg/L	6020	0.2113	0.2	0	106	85-115				12/28/2005
LCS-26528	Manganese	mg/L	6020	0.2015	0.2	0	101	85-115				12/28/2005
LCS-26528	Selenium	mg/L	6020	0.2121	0.2	0	106	85-115				12/28/2005
LCS-26528	Zinc	mg/L	6020	1.036	1	0	104	85-115				12/28/2005
LCS-26529	Iron	mg/L	6010B	1.076	1	0	108	75-125				12/27/2005
LCS-26528	Aluminum	mg/L	6010B	1.007	1	0	101	75-125				12/27/2005
LCS-26528	Boron	mg/L	6010B	1.050	1	0	105	75-125				12/27/2005
LCS-26528	Calcium	mg/L	6010B	10.22	10	0	102	75-125				12/27/2005
LCS-26528	Iron	mg/L	6010B	1.054	1	0	105	75-125				12/27/2005
LCS-26528	Magnesium	mg/L	6010B	10.34	10	0	103	75-125				12/27/2005
LCS-26528	Molybdenum	mg/L	6010B	0.2072	0.2	0	104	75-125				12/27/2005
LCS-26528	Potassium	mg/L	6010B	10.15	10	0	102	75-125				12/27/2005
LCS-26528	Sodium	mg/L	6010B	10.16	10	0	102	75-125				12/27/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-26529	Manganese	mg/L	6020	< 0.0050				-				12/28/2005
MB-26528	Arsenic	mg/L	6020	< 0.0050				-				12/28/2005
MB-26528	Cadmium	mg/L	6020	< 0.0040				-				12/28/2005
MB-26528	Copper	mg/L	6020	< 0.0040				-				12/28/2005
MB-26528	Lead	mg/L	6020	< 0.0050				-				12/28/2005
MB-26528	Manganese	mg/L	6020	< 0.0050				-				12/28/2005
MB-26528	Selenium	mg/L	6020	< 0.0050				-				12/28/2005
MB-26528	Zinc	mg/L	6020	< 0.010				-				12/28/2005
MB-26529	Iron	mg/L	6010B	< 0.050				-				12/27/2005
MB-26528	Aluminum	mg/L	6010B	< 0.10				-				12/27/2005
MB-26528	Boron	mg/L	6010B	< 0.50				-				12/27/2005
MB-26528	Calcium	mg/L	6010B	< 1.0				-				12/27/2005
MB-26528	Iron	mg/L	6010B	< 0.050				-				12/27/2005
MB-26528	Magnesium	mg/L	6010B	< 1.0				-				12/27/2005
MB-26528	Molybdenum	mg/L	6010B	< 0.10				-				12/27/2005
MB-26528	Potassium	mg/L	6010B	< 1.0				-				12/27/2005
MB-26528	Sodium	mg/L	6010B	< 1.0				-				12/27/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69428-01DMS	Manganese	mg/L	6020	0.2287	0.2	0.0282	100	70-130				12/28/2005
L69428-01CMS	Arsenic	mg/L	6020	0.1938	0.2	0	96.9	70-130				12/28/2005
L69428-01CMS	Cadmium	mg/L	6020	0.1999	0.2	0	100	70-130				12/28/2005
L69428-01CMS	Copper	mg/L	6020	0.1964	0.2	0.002	97.2	70-130				12/28/2005
L69428-01CMS	Lead	mg/L	6020	0.2060	0.2	0	103	70-130				12/28/2005
L69428-01CMS	Manganese	mg/L	6020	0.2191	0.2	0.0211	99.0	70-130				12/28/2005
L69428-01CMS	Selenium	mg/L	6020	0.2056	0.2	0	103	70-130				12/28/2005
L69428-01CMS	Zinc	mg/L	6020	0.9877	1	0.0063	98.1	70-130				12/28/2005
L69428-01DMS	Iron	mg/L	6010B	1.353	1	0.2813	107	75-125				12/27/2005
L69428-01CMS	Aluminum	mg/L	6010B	1.033	1	0.05437	97.8	75-125				12/27/2005
L69428-01CMS	Boron	mg/L	6010B	1.252	1	0.1346	112	75-125				12/27/2005
L69428-01CMS	Calcium	mg/L	6010B	96.88	10	90.59	62.9	75-125			[2]	12/27/2005
L69428-01CMS	Iron	mg/L	6010B	1.072	1	0	107	75-125				12/27/2005
L69428-01CMS	Magnesium	mg/L	6010B	59.45	10	49.78	96.7	75-125				12/27/2005
L69428-01CMS	Molybdenum	mg/L	6010B	0.2077	0.2	0	104	75-125				12/27/2005
L69428-01CMS	Potassium	mg/L	6010B	18.23	10	7.556	107	75-125				12/27/2005
L69428-01CMS	Sodium	mg/L	6010B	44.54	10	34.59	99.5	75-125				12/27/2005

[2] Analyte concentration is too high for accurate spike recovery.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69428-01DMSD	Manganese	mg/L	6020	0.2378	0.2	0.0282	105	70-130	3.90	20		12/28/2005
L69428-01CMSD	Arsenic	mg/L	6020	0.1961	0.2	0	98.0	70-130	1.18	20		12/28/2005
L69428-01CMSD	Cadmium	mg/L	6020	0.2005	0.2	0	100	70-130	0.300	20		12/28/2005
L69428-01CMSD	Copper	mg/L	6020	0.1952	0.2	0.002	96.6	70-130	0.613	20		12/28/2005
L69428-01CMSD	Lead	mg/L	6020	0.2087	0.2	0	104	70-130	1.30	20		12/28/2005
L69428-01CMSD	Manganese	mg/L	6020	0.2223	0.2	0.0211	101	70-130	1.45	20		12/28/2005
L69428-01CMSD	Selenium	mg/L	6020	0.2086	0.2	0	104	70-130	1.45	20		12/28/2005
L69428-01CMSD	Zinc	mg/L	6020	0.9883	1	0.0063	98.2	70-130	0.0607	20		12/28/2005
L69428-01DMSD	Iron	mg/L	6010B	1.350	1	0.2813	107	75-125	0.197	20		12/27/2005
L69428-01CMSD	Aluminum	mg/L	6010B	1.068	1	0.05437	101	75-125	3.33	20		12/27/2005
L69428-01CMSD	Boron	mg/L	6010B	1.252	1	0.1346	112	75-125	0.0463	20		12/27/2005
L69428-01CMSD	Calcium	mg/L	6010B	97.93	10	90.59	73.4	75-125	1.08	20	[2]	12/27/2005
L69428-01CMSD	Iron	mg/L	6010B	1.070	1	0	107	75-125	0.167	20		12/27/2005
L69428-01CMSD	Magnesium	mg/L	6010B	61.27	10	49.78	115	75-125	3.01	20		12/27/2005
L69428-01CMSD	Molybdenum	mg/L	6010B	0.2045	0.2	0	102	75-125	1.56	20		12/27/2005
L69428-01CMSD	Potassium	mg/L	6010B	18.57	10	7.556	110	75-125	1.84	20		12/27/2005
L69428-01CMSD	Sodium	mg/L	6010B	44.84	10	34.59	103	75-125	0.677	20		12/27/2005

[2] Analyte concentration is too high for accurate spike recovery.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69428-03BDUP	Chloride	mg/L	300.0	10.02	0	10.62		-	5.81	20		12/28/2005
L69428-03BDUP	Sulfate	mg/L	300.0	26.08	0	26.88		-	3.02	20		12/28/2005
L69401-01DDUP	TDS	mg/L	160.1	13160	0	13240		-	0.606	20		12/23/2005
L69428-04ADUP	TDS	mg/L	160.1	392.0	0	396		-	1.02	20		12/23/2005
L69422-02ADUP	TSS	mg/L	160.2	4.000	0	4		-	0	20		12/23/2005
L69428-04ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		12/23/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R53600	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				12/23/2005
LCS-R53684	Chloride	mg/L	300.0	4.982	5	0	99.6	90-110				12/27/2005
LCS-R53684	Sulfate	mg/L	300.0	5.217	5	0	104	90-110				12/27/2005
LCS-R53602	Acidity	mg/L	305.1	50.00	50	0	100	80-120				12/23/2005
LCS-26513	Ammonia (as N)	mg/L	350.1	0.9660	1	0	96.6	90-110				12/28/2005
LCS-53618	Nitrite (as N)	mg/L	353.2	0.9460	1	0	94.6	90-110				12/23/2005
LCS-53619	Nitrate (as N)	mg/L	353.2	0.9620	1	0	96.2	90-110				12/23/2005
LCS-R53697	Oil & Grease	mg/L	EPA 1664	41.60	40	0	104	79-114				12/28/2005
LCS-53609	Phosphate, ortho (as P)	mg/L	365.1	1.020	1	0.01	101	90-110				12/23/2005
LCS-R53670	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				12/23/2005
LCS-R53636	TSS	mg/L	160.2	100.0	100	0	100	80-120				12/23/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R53600	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				12/23/2005
MB-R53600	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				12/23/2005
MB-R53600	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				12/23/2005
MB-R53684	Chloride	mg/L	300.0	< 1.0				-				12/27/2005
MB-R53684	Sulfate	mg/L	300.0	< 1.0				-				12/27/2005
MB-R53602	Acidity	mg/L	305.1	< 15				-				12/23/2005
MB-26513	Ammonia (as N)	mg/L	350.1	< 0.050				-				12/28/2005
MB-53618	Nitrite (as N)	mg/L	353.2	< 0.010				-				12/23/2005
MB-53619	Nitrate (as N)	mg/L	353.2	< 0.010				-				12/23/2005
MB-R53697	Oil & Grease	mg/L	EPA 1664	< 3.0				-				12/28/2005
MB-53609	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				12/23/2005
MB-R53670	TDS	mg/L	160.1	< 10				-				12/23/2005
MB-R53636	TSS	mg/L	160.2	< 3.0				-				12/23/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69428-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	346.0	100	248	98.0	80-120				12/23/2005
L69428-03BMS	Chloride	mg/L	300.0	60.27	50	10.62	99.3	90-110				12/28/2005
L69428-03BMS	Sulfate	mg/L	300.0	78.87	50	26.88	104	90-110				12/28/2005
L69428-01BMS	Acidity	mg/L	305.1	52.00	50	0	96.0	80-120				12/23/2005
L69428-01EMS	Ammonia (as N)	mg/L	350.1	0.9050	1	0	90.5	90-110				12/28/2005
L69428-01BMS	Nitrite (as N)	mg/L	353.2	0.8830	1	0	88.3	90-110			[1]	12/23/2005
L69428-01BMS	Nitrate (as N)	mg/L	353.2	1.191	1	0.276	91.5	90-110				12/23/2005
L69428-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.124	1	0.01	111	90-110			[1]	12/23/2005

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69428-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	351.0	100	248	103	80-120	1.43	10		12/23/2005
L69428-03BMSD	Chloride	mg/L	300.0	60.10	50	10.62	99.0	90-110	0.276	20		12/28/2005
L69428-03BMSD	Sulfate	mg/L	300.0	77.94	50	26.88	102	90-110	1.19	20		12/28/2005
L69428-01BMSD	Acidity	mg/L	305.1	48.00	50	0	104	80-120	8.00	20		12/23/2005
L69428-01EMSD	Ammonia (as N)	mg/L	350.1	0.8840	1	0	88.4	90-110	2.35	10	[1]	12/28/2005
L69428-01BMSD	Nitrite (as N)	mg/L	353.2	0.9140	1	0	91.4	90-110	3.45	10		12/23/2005
L69428-01BMSD	Nitrate (as N)	mg/L	353.2	1.158	1	0.276	88.2	90-110	2.81	10	[1]	12/23/2005
L69428-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.8880	1	0.01	87.8	90-110	23.5	10	[1]@	12/23/2005

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R53697	Oil & Grease	mg/L	EPA 1664	38.30	40	0	95.8	79-114				12/28/2005

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69428
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R53697	Oil & Grease	mg/L	EPA 1664	37.80	40	0	94.5	79-114	1.31	18		12/28/2005

American West Analytical Labs

WORK ORDER Summary

28-Dec-05

Work Order L69428

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:** HOK 9

Comments: QCLevel: 2+. EDD in Excel format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L69428-01A	Mud Creek	12/22/2005 12:30:00 PM	12/22/2005	1/9/2006	Aqueous	SS	ww - tss/ss/tds	1
				1/9/2006		TDS-W	ww - tss/ss/tds	1
				1/9/2006		TSS-W	ww - tss/ss/tds	1
L69428-01B				1/9/2006		2320B-ALK-W	dec 22 - wc	1
				1/9/2006		300.0-W	dec 22 - wc	1
				1/9/2006		ACIDITY-W	dec 22 - wc	1
				1/9/2006		NO2-W	dec 22 - wc	1
				1/9/2006		NO3-W	dec 22 - wc	1
				1/9/2006		PO4-O	dec 22 - wc	1
L69428-01C				1/9/2006	Aqueous-Dissolved	3005A-Diss	dec 22 - dis met	1
				1/9/2006		6020-W-DISS	dec 22 - dis met	1
				1/9/2006		HARD	dec 22 - dis met	1
				1/9/2006		ICP-W-DIS	dec 22 - dis met	1
L69428-01D				1/9/2006	Aqueous	3005A-ICPMS	dec 22 - metals	1
				1/9/2006		6020-W	dec 22 - metals	1
				1/9/2006		ICP-W	dec 22 - metals	1
L69428-01E				1/9/2006		NH3-W	dec 22 - nh3	1
				1/9/2006		NH3-W-PREP	dec 22 - nh3	1
L69428-01F				1/9/2006		OGB-W	ogb	1
L69428-02A	Sulfur Spring	12/22/2005 1:00:00 PM		1/9/2006		SS	ww - tss/ss/tds	1
				1/9/2006		TDS-W	ww - tss/ss/tds	1
				1/9/2006		TSS-W	ww - tss/ss/tds	1
L69428-02B				1/9/2006		2320B-ALK-W	dec 22 - wc	1
				1/9/2006		300.0-W	dec 22 - wc	1
				1/9/2006		ACIDITY-W	dec 22 - wc	1
				1/9/2006		NO2-W	dec 22 - wc	1
				1/9/2006		NO3-W	dec 22 - wc	1

69428

WORK ORDER Summary

28-Dec-05

Work Order L69428

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+. EDD in Excel format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L69428-02B	Sulfur Spring	12/22/2005 1:00:00 PM	12/22/2005	1/9/2006	Aqueous	PO4-O	dec 22 - wc	1
L69428-02C				1/9/2006	Aqueous-Dissolved	3005A-Diss	dec 22 - dis met	1
				1/9/2006		6020-W-DISS	dec 22 - dis met	1
				1/9/2006		HARD	dec 22 - dis met	1
				1/9/2006		ICP-W-DIS	dec 22 - dis met	1
L69428-02D				1/9/2006	Aqueous	3005A-ICPMS	dec 22 - metals	1
				1/9/2006		6020-W	dec 22 - metals	1
				1/9/2006		ICP-W	dec 22 - metals	1
L69428-02E				1/9/2006		NH3-W	dec 22 - nh3	1
				1/9/2006		NH3-W-PREP	dec 22 - nh3	1
L69428-02F				1/9/2006		OGB-W	ogb	1
L69428-03A	Eagle Outlet	12/22/2005 9:00:00 AM		1/9/2006		SS	ww - tss/ss/tds	1
				1/9/2006		TDS-W	ww - tss/ss/tds	1
				1/9/2006		TSS-W	ww - tss/ss/tds	1
L69428-03B				1/9/2006		2320B-ALK-W	dec 22 - wc	1
				1/9/2006		300.0-W	dec 22 - wc	1
				1/9/2006		ACIDITY-W	dec 22 - wc	1
				1/9/2006		NO2-W	dec 22 - wc	1
				1/9/2006		NO3-W	dec 22 - wc	1
				1/9/2006		PO4-O	dec 22 - wc	1
L69428-03C				1/9/2006	Aqueous-Dissolved	3005A-Diss	dec 22 - dis met	1
				1/9/2006		6020-W-DISS	dec 22 - dis met	1
				1/9/2006		HARD	dec 22 - dis met	1
				1/9/2006		ICP-W-DIS	dec 22 - dis met	1
L69428-03D				1/9/2006	Aqueous	3005A-ICPMS	dec 22 - metals	1
				1/9/2006		6020-W	dec 22 - metals	1
				1/9/2006		ICP-W	dec 22 - metals	1
L69428-03E				1/9/2006		NH3-W	dec 22 - nh3	1

WORK ORDER Summary

28-Dec-05

Work Order L69428

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+. EDD in Excel format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L69428-03E	Eagle Outlet	12/22/2005 9:00:00 AM	12/22/2005	1/9/2006	Aqueous	NH3-W-PREP	dec 22 - nh3	1
L69428-03F				1/9/2006		OGB-W	ogb	1
L69428-04A	Angle Spring	12/22/2005 11:00:00 AM		1/9/2006		SS	ww - tss/ss/tds	1
				1/9/2006		TDS-W	ww - tss/ss/tds	1
				1/9/2006		TSS-W	ww - tss/ss/tds	1
L69428-04B				1/9/2006		2320B-ALK-W	dec 22 - wc	1
				1/9/2006		300.0-W	dec 22 - wc	1
				1/9/2006		ACIDITY-W	dec 22 - wc	1
				1/9/2006		NO2-W	dec 22 - wc	1
				1/9/2006		NO3-W	dec 22 - wc	1
				1/9/2006		PO4-O	dec 22 - wc	1
L69428-04C				1/9/2006	Aqueous-Dissolved	3005A-Diss	dec 22 - dis met	1
				1/9/2006		6020-W-DISS	dec 22 - dis met	1
				1/9/2006		HARD	dec 22 - dis met	1
				1/9/2006		ICP-W-DIS	dec 22 - dis met	1
L69428-04D				1/9/2006	Aqueous	3005A-ICPMS	dec 22 - metals	1
				1/9/2006		6020-W	dec 22 - metals	1
				1/9/2006		ICP-W	dec 22 - metals	1
L69428-04E				1/9/2006		NH3-W	dec 22 - nh3	1
				1/9/2006		NH3-W-PREP	dec 22 - nh3	1
L69428-04F				1/9/2006		OGB-W	ogb	1

Client Carbon Resources c/o Rock Logic
Address P.O. Box 544
CEDAREDGE, CO 81413
City State Zip
Phone 435-851-9044 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
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Salt Lake City, Utah 84115
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CHAIN OF CUSTODY

Lab Sample Set # 169428
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE #3 DO FILE										COMMENTS
		Please indicate tests needed below												
Mud Creek	12-22-05 / 12:30	W	6	✓										
Culfer Spring	12-22-05 / 1:00	W	6	✓										
Eagle Outlet	12-22-05 / 9:00	W	6	✓										
Angle Spring	12-22-05 / 11:00	W	6	✓										

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature 4°C
4 Received Broken/Leaking (Improperly Sealed) Y N
Notes:
5 Properly Preserved Y N
Notes:
6 Received Within Holding Times Y N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y N
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME: BRAD LINDSAY	Time: 16:10	PRINT NAME: REBEKAH WINKLER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:
SAMPLES NOT FIELD FILTERED

PLEASE E-MAIL:
- PDF INVOICE
- PDF REPORT
- EXCEL REPORT

THANKS

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 69428

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:

1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-01C

Field Sample ID: Eagle Outlook

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/13/2005 12:30:29 PM	6010B	0.050	**2.2**
Manganese	mg/L	9/15/2005 4:55:51 PM	6020	0.0050	**0.16**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Released by: _____
Laboratory Supervisor

Report Date: September 20, 2005

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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e-mail: awal@awal-labs.com

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID:
L67580-02C

Field Sample ID:
Sulfur Springs

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/13/2005 12:46:15 PM	6010B	0.050	**0.30**
Manganese	mg/L	9/15/2005 5:15:53 PM	6020	0.0050	**0.048**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Released by: _____
Laboratory Supervisor

Report Date: September 20, 2005

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e-mail: awal@awal-labs.com

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID:
L67580-03C

Field Sample ID:
Angle Spring

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/13/2005 12:50:09 PM	6010B	0.050	< 0.050
Manganese	mg/L	9/15/2005 5:20:53 PM	6020	0.0050	< 0.0050

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Released by: _____
Laboratory Supervisor

Report Date: September 20, 2005

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e-mail: awal@awal-labs.com

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-04C

Field Sample ID: Mud Creek

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/13/2005 12:54:10 PM	6010B	0.050	**0.15**
Manganese	mg/L	9/15/2005 5:25:54 PM	6020	0.0050	**0.023**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Released by: _____
Laboratory Supervisor

Report Date: September 20, 2005

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-01D

Field Sample ID: Eagle Outlook

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/15/2005 3:51:52 PM	6010B	0.10	**0.24**
Arsenic	mg/L	9/15/2005 3:55:01 PM	6020	0.0050	< 0.0050
Boron	mg/L	9/15/2005 3:51:52 PM	6010B	0.50	< 0.50
Cadmium	mg/L	9/15/2005 3:55:01 PM	6020	0.0040	< 0.0040
Calcium	mg/L	9/15/2005 3:51:52 PM	6010B	10	**71** [1]
Copper	mg/L	9/15/2005 3:55:01 PM	6020	0.0040	< 0.0040
Hardness (as CaCO3)	mg/L	9/15/2005	2340B	10	**250**
Iron	mg/L	9/15/2005 3:51:52 PM	6010B	0.050	**1.3**
Lead	mg/L	9/15/2005 3:55:01 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/15/2005 3:51:52 PM	6010B	10	**17**
Manganese	mg/L	9/15/2005 3:55:01 PM	6020	0.0050	**0.15**
Molybdenum	mg/L	9/15/2005 3:51:52 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/15/2005 3:51:52 PM	6010B	1.0	**2.6**
Selenium	mg/L	9/15/2005 3:55:01 PM	6020	0.0050	< 0.0050
Sodium	mg/L	9/15/2005 3:51:52 PM	6010B	1.0	**6.9**
Zinc	mg/L	9/15/2005 3:55:01 PM	6020	0.010	**0.019**

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

Released by: _____
Laboratory Supervisor

Report Date: September 20, 2005

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INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-02D

Field Sample ID: Sulfur Springs

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/15/2005 4:07:42 PM	6010B	0.10	< 0.10
Arsenic	mg/L	9/15/2005 4:14:59 PM	6020	0.0050	< 0.0050
Boron	mg/L	9/15/2005 4:07:42 PM	6010B	0.50	< 0.50
Cadmium	mg/L	9/15/2005 4:14:59 PM	6020	0.0040	< 0.0040
Calcium	mg/L	9/15/2005 4:07:42 PM	6010B	10	**82**
Copper	mg/L	9/15/2005 4:14:59 PM	6020	0.0040	< 0.0040
Hardness (as CaCO3)	mg/L	9/15/2005	2340B	10	**340**
Iron	mg/L	9/15/2005 4:07:42 PM	6010B	0.050	**0.15**
Lead	mg/L	9/15/2005 4:14:59 PM	6020	0.0050	**0.0070**
Magnesium	mg/L	9/15/2005 4:07:42 PM	6010B	10	**31**
Manganese	mg/L	9/15/2005 4:14:59 PM	6020	0.0050	**0.055**
Molybdenum	mg/L	9/15/2005 4:07:42 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/15/2005 4:07:42 PM	6010B	1.0	**4.2**
Selenium	mg/L	9/15/2005 4:14:59 PM	6020	0.0050	< 0.0050
Sodium	mg/L	9/15/2005 4:07:42 PM	6010B	1.0	**7.6**
Zinc	mg/L	9/15/2005 4:14:59 PM	6020	0.010	**0.038**

Released by: _____
Laboratory Supervisor

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID:
L67580-03D

Field Sample ID:
Angle Spring

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/15/2005 4:11:37 PM	6010B	0.10	< 0.10
Arsenic	mg/L	9/15/2005 4:19:59 PM	6020	0.0050	< 0.0050
Boron	mg/L	9/15/2005 4:11:37 PM	6010B	0.50	< 0.50
Cadmium	mg/L	9/15/2005 4:19:59 PM	6020	0.0040	< 0.0040
Calcium	mg/L	9/15/2005 4:11:37 PM	6010B	10	**96**
Copper	mg/L	9/15/2005 4:19:59 PM	6020	0.0040	< 0.0040
Hardness (as CaCO3)	mg/L	9/15/2005	2340B	10	**310**
Iron	mg/L	9/15/2005 4:11:37 PM	6010B	0.050	< 0.050
Lead	mg/L	9/15/2005 4:19:59 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/15/2005 4:11:37 PM	6010B	10	**17**
Manganese	mg/L	9/15/2005 4:19:59 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	9/15/2005 4:11:37 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/15/2005 4:11:37 PM	6010B	1.0	**1.4**
Selenium	mg/L	9/15/2005 4:19:59 PM	6020	0.0050	< 0.0050
Sodium	mg/L	9/15/2005 4:11:37 PM	6010B	1.0	**9.4**
Zinc	mg/L	9/15/2005 4:19:59 PM	6020	0.010	< 0.010

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Report Date: September 20, 2005

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-04D

Field Sample ID: Mud Creek

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/15/2005 4:15:37 PM	6010B	0.10	< 0.10
Arsenic	mg/L	9/15/2005 4:24:59 PM	6020	0.0050	< 0.0050
Boron	mg/L	9/15/2005 4:15:37 PM	6010B	0.50	< 0.50
Cadmium	mg/L	9/15/2005 4:24:59 PM	6020	0.0040	< 0.0040
Calcium	mg/L	9/15/2005 4:15:37 PM	6010B	10	**83**
Copper	mg/L	9/15/2005 4:24:59 PM	6020	0.0040	< 0.0040
Hardness (as CaCO3)	mg/L	9/15/2005	2340B	10	**410**
Iron	mg/L	9/15/2005 4:15:37 PM	6010B	0.050	**0.066**
Lead	mg/L	9/15/2005 4:24:59 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/15/2005 4:15:37 PM	6010B	10	**49**
Manganese	mg/L	9/15/2005 4:24:59 PM	6020	0.0050	**0.020**
Molybdenum	mg/L	9/15/2005 4:15:37 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/15/2005 4:15:37 PM	6010B	1.0	**7.3**
Selenium	mg/L	9/15/2005 4:24:59 PM	6020	0.0050	< 0.0050
Sodium	mg/L	9/15/2005 4:15:37 PM	6010B	10	**34**
Zinc	mg/L	9/15/2005 4:24:59 PM	6020	0.010	< 0.010

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Laboratory Supervisor

Report Date: September 20, 2005

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Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID:
L67580-01

Field Sample ID:
Eagle Outlook

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	09/09/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	09/08/05	2320B	10	**220**
Ammonia (as N)	mg/L	09/08/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	09/08/05	2320B	10	**220**
Carbonate (As CaCO3)	mg/L	09/08/05	2320B	10	< 10
Chloride	mg/L	09/13/05 9:11 am	300.0	10	**11**
Hardness (as CaCO3)	mg/L	09/15/05	2340B	10	**250**
Nitrate (as N)	mg/L	08/07/05 12:52 pm	353.2	0.010	**0.018**
Nitrite (as N)	mg/L	09/07/05 12:52 pm	353.2	0.010	**0.024**
Oil & Grease	mg/L	09/07/05	EPA 1664	3.0	**4.0**
Phosphate, ortho (as P)	mg/L	09/08/05 8:12 am	365.1	0.060	< 0.060 [1]@
Settable Solids	ml/L	09/07/05 2:00 pm	2540F	0.10	**0.10**
Sulfate	mg/L	09/13/05 9:11 am	300.0	10	**22**
TDS	mg/L	09/09/05	160.1	10	**220**
TSS	mg/L	09/07/05	160.2	3.0	**100**

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
@ High RPD due to suspected matrix interference.

Released by: _____
Laboratory Supervisor

Report Date: September 20, 2005

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Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-02

Field Sample ID: Sulfur Springs

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	09/09/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	09/08/05	2320B	10	**350**
Ammonia (as N)	mg/L	09/08/05	350.1	0.050	**0.44**
Bicarbonate (As CaCO3)	mg/L	09/08/05	2320B	10	**350**
Carbonate (As CaCO3)	mg/L	09/08/05	2320B	10	< 10
Chloride	mg/L	09/13/05 10:18 am	300.0	1.0	**6.8**
Hardness (as CaCO3)	mg/L	09/15/05	2340B	10	**340**
Nitrate (as N)	mg/L	08/07/05 12:52 pm	353.2	0.010	**0.012**
Nitrite (as N)	mg/L	09/07/05 12:52 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	09/07/05	EPA 1664	3.0	**4.7**
Phosphate, ortho (as P)	mg/L	09/08/05 8:12 am	365.1	0.060	< 0.060
Settable Solids	ml/L	09/07/05 2:00 pm	2540F	0.10	< 0.10
Sulfate	mg/L	09/13/05 10:18 am	300.0	10	**45**
TDS	mg/L	09/09/05	160.1	10	**360**
TSS	mg/L	09/07/05	160.2	3.0	**15**

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Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID:
L67580-03

Field Sample ID:
Angle Spring

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	09/09/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	09/08/05	2320B	10	**300**
Ammonia (as N)	mg/L	09/08/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	09/08/05	2320B	10	**300**
Carbonate (As CaCO3)	mg/L	09/08/05	2320B	10	< 10
Chloride	mg/L	09/13/05 11:24 am	300.0	10	**21**
Hardness (as CaCO3)	mg/L	09/15/05	2340B	10	**310**
Nitrate (as N)	mg/L	08/07/05 12:52 pm	353.2	0.010	**0.97**
Nitrite (as N)	mg/L	09/07/05 12:52 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	09/07/05	EPA 1664	3.0	**4.6**
Phosphate, ortho (as P)	mg/L	09/08/05 8:12 am	365.1	0.060	< 0.060
Settable Solids	ml/L	09/07/05 2:00 pm	2540F	0.10	< 0.10
Sulfate	mg/L	09/13/05 11:24 am	300.0	10	**15**
TDS	mg/L	09/09/05	160.1	10	**340**
TSS	mg/L	09/07/05	160.2	3.0	< 3.0

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Laboratory Supervisor

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Laboratory Director

Peggy McNicol
QA Officer

Client: Whiskey Creek Mining Services
Date Sampled: September 6, 2005
Project: Scofield Baseline

Contact: Brad Lindsay
Date Received: September 7, 2005

Lab Sample ID: L67580-04

Field Sample ID: Mud Creek

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	09/09/05	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	09/08/05	2320B	10	**230**
Ammonia (as N)	mg/L	09/08/05	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	09/08/05	2320B	10	**230**
Carbonate (As CaCO3)	mg/L	09/08/05	2320B	10	< 10
Chloride	mg/L	09/14/05 2:11 am	300.0	10	**17**
Hardness (as CaCO3)	mg/L	09/15/05	2340B	10	**410**
Nitrate (as N)	mg/L	08/07/05 12:52 pm	353.2	0.010	**0.22**
Nitrite (as N)	mg/L	09/07/05 12:52 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	09/07/05	EPA 1664	3.0	**4.8**
Phosphate, ortho (as P)	mg/L	09/08/05 8:12 am	365.1	0.060	< 0.060
Settable Solids	ml/L	09/07/05 2:00 pm	2540F	0.10	< 0.10
Sulfate	mg/L	09/14/05 2:11 am	300.0	100	**250**
TDS	mg/L	09/09/05	160.1	10	**580**
TSS	mg/L	09/07/05	160.2	3.0	**8.0**

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American West Analytical Labs

WORK ORDER Summary

07-Sep-05

Work Order L67580

Client ID: WALKIN
Project: Carbon Resources / Whiskey Creek
Comments: QCLevel: 1

QC Level: 1
Location: HOK VT

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L67580-01A	Eagle Outlook	9/6/2005 10:15:00 AM	9/7/2005	9/21/2005	Aqueous	SS	ww - tss/tds/ss	1
				9/21/2005		TDS-W	ww - tss/tds/ss	1
				9/21/2005		TSS-W	ww - tss/tds/ss	1
L67580-01B				9/21/2005		2320B-ALK-W	sept 7 - wc	1
				9/21/2005		300.0-W	sept 7 - wc	1
				9/21/2005		ACIDITY-W	sept 7 - wc	1
				9/21/2005		NO2-W	sept 7 - wc	1
				9/21/2005		NO3-W	sept 7 - wc	1
				9/21/2005		PO4-O	sept 7 - wc	1
L67580-01C				9/21/2005		3005A-ICPMS	sept 7 - metals	1
				9/21/2005		6020-W	sept 7 - metals	1
				9/21/2005		ICP-W	sept 7 - metals	1
L67580-01D				9/21/2005	Aqueous-Dissolved	3005A-Diss	sept 7 - dis met	1
				9/21/2005		6020-W-DISS	sept 7 - dis met	1
				9/21/2005		HARD	sept 7 - dis met	1
				9/21/2005		ICP-W-DIS	sept 7 - dis met	1
L67580-01E				9/21/2005	Aqueous	OGB-W	ogb	1
L67580-01F				9/21/2005		NH3-W	sept 7 - nh3	1
				9/21/2005		NH3-W-PREP	sept 7 - nh3	1
L67580-02A	Sulfur Springs	9/6/2005 11:30:00 AM		9/21/2005		SS	ww - tss/tds/ss	1
				9/21/2005		TDS-W	ww - tss/tds/ss	1
				9/21/2005		TSS-W	ww - tss/tds/ss	1
L67580-02B				9/21/2005		2320B-ALK-W	sept 7 - wc	1
				9/21/2005		300.0-W	sept 7 - wc	1
				9/21/2005		ACIDITY-W	sept 7 - wc	1
				9/21/2005		NO2-W	sept 7 - wc	1
				9/21/2005		NO3-W	sept 7 - wc	1

L67580

WORK ORDER Summary

07-Sep-05

Work Order L67580

Client ID: WALKIN **QC Level:** 1
Project: Carbon Resources / Whiskey Creek **Location:**
Comments: QCLevel: 1

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L67580-02B	Sulfur Springs	9/6/2005 11:30:00 AM	9/7/2005	9/21/2005	Aqueous	PO4-O	sept 7 - wc	1
L67580-02C				9/21/2005		3005A-ICPMS	sept 7 - metals	1
				9/21/2005		6020-W	sept 7 - metals	1
				9/21/2005		ICP-W	sept 7 - metals	1
L67580-02D				9/21/2005	Aqueous-Dissolved	3005A-Diss	sept 7 - dis met	1
				9/21/2005		6020-W-DISS	sept 7 - dis met	1
				9/21/2005		HARD	sept 7 - dis met	1
				9/21/2005		ICP-W-DIS	sept 7 - dis met	1
L67580-02E				9/21/2005	Aqueous	OGB-W	ogb	1
L67580-02F				9/21/2005		NH3-W	sept 7 - nh3	1
				9/21/2005		NH3-W-PREP	sept 7 - nh3	1
L67580-03A	Angle Spring	9/6/2005 12:30:00 PM		9/21/2005		SS	ww - tss/tds/ss	1
				9/21/2005		TDS-W	ww - tss/tds/ss	1
				9/21/2005		TSS-W	ww - tss/tds/ss	1
L67580-03B				9/21/2005		2320B-ALK-W	sept 7 - wc	1
				9/21/2005		300.0-W	sept 7 - wc	1
				9/21/2005		ACIDITY-W	sept 7 - wc	1
				9/21/2005		NO2-W	sept 7 - wc	1
				9/21/2005		NO3-W	sept 7 - wc	1
				9/21/2005		PO4-O	sept 7 - wc	1
L67580-03C				9/21/2005		3005A-ICPMS	sept 7 - metals	1
				9/21/2005		6020-W	sept 7 - metals	1
				9/21/2005		ICP-W	sept 7 - metals	1
L67580-03D				9/21/2005	Aqueous-Dissolved	3005A-Diss	sept 7 - dis met	1
				9/21/2005		6020-W-DISS	sept 7 - dis met	1
				9/21/2005		HARD	sept 7 - dis met	1
				9/21/2005		ICP-W-DIS	sept 7 - dis met	1
L67580-03E				9/21/2005	Aqueous	OGB-W	ogb	1

WORK ORDER Summary

07-Sep-05

Work Order L67580

Client ID: WALKIN **QC Level:** 1

Project: Carbon Resources / Whiskey Creek **Location:**

Comments: QCLevel: 1

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L67580-03F	Angle Spring	9/6/2005 12:30:00 PM	9/7/2005	9/21/2005	Aqueous	NH3-W	sept 7 - nh3	1
				9/21/2005		NH3-W-PREP	sept 7 - nh3	1
L67580-04A	Mud Creek	9/6/2005 2:00:00 PM		9/21/2005		SS	ww - tss/tds/ss	1
				9/21/2005		TDS-W	ww - tss/tds/ss	1
				9/21/2005		TSS-W	ww - tss/tds/ss	1
L67580-04B				9/21/2005		2320B-ALK-W	sept 7 - wc	1
				9/21/2005		300.0-W	sept 7 - wc	1
				9/21/2005		ACIDITY-W	sept 7 - wc	1
				9/21/2005		NO2-W	sept 7 - wc	1
				9/21/2005		NO3-W	sept 7 - wc	1
				9/21/2005		PO4-O	sept 7 - wc	1
L67580-04C				9/21/2005		3005A-ICPMS	sept 7 - metals	1
				9/21/2005		6020-W	sept 7 - metals	1
				9/21/2005		ICP-W	sept 7 - metals	1
L67580-04D				9/21/2005	Aqueous-Dissolved	3005A-Diss	sept 7 - dis met	1
				9/21/2005		6020-W-DISS	sept 7 - dis met	1
				9/21/2005		HARD	sept 7 - dis met	1
				9/21/2005		ICP-W-DIS	sept 7 - dis met	1
L67580-04E				9/21/2005	Aqueous	OGB-W	ogb	1
L67580-04F				9/21/2005		NH3-W	sept 7 - nh3	1
				9/21/2005		NH3-W-PREP	sept 7 - nh3	1

Client Carbon Resources - Whiskey Creek
Address
City State Zip
Phone 970-835-3715 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Cofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
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(888) 263-8686
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CHAIN OF CUSTODY

Lab Sample Set # 67580
Page of

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	See Table 3 on File	COMMENTS
Eagle Outlook	9-6-05 / 1015	W	6	✓	
Sulfer Springs	9-6-05 / 1130	W	6	✓	
Angle Spring	9-6-05 / 1230	W	6	✓	
Mud Creek	9-6-05 / 1400	W	6	✓	

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 3.5°C
4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:
5 Properly Preserved (Y) N
Notes:
6 Received Within Holding Times (Y) N
Notes:

COC Tape Was:
1 Present on Outer Package (Y) N NA
2 Unbroken on Outer Package (Y) N NA
3 Present on Sample Y (N) NA
4 Unbroken on Sample Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 15:30	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME Elena Hayward

Special Instructions:

PLEASE FILTER FOR DISOLVED METALS.

ANALYSIS THE SAME AS THE PREVIOUS SET (TABLE 3 SURFACE WATER)

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS		REPORTED AS
*	-	Water level or Flow		Depth, Flow
*	-	pH		Standard units
*	-	Specific Conductivity		umhos/cm @ 25° C
*	-	Dissolved Oxygen		mg/l
*	-	Temperature		°C
		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Settleable Solids		(UPDES)
*	-	Total Suspended Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphates(Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Oil & Grease[2]		mg/l
*	-	Cations		meq/l
*	-	Anions		meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 67580

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH	✓														
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:
1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

November 13, 2006

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L74688

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 10/31/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-01E
Field Sample ID: **Mud Creek**
Collected: 10/30/2006 1:00:00 PM
Received: 10/31/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/13/2006 1:40:40 PM	6010B	0.050	**0.34**
Manganese	mg/L	11/13/2006 1:40:40 PM	6010B	0.0050	**0.031**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-02E
Field Sample ID: **Sulfer Spring**
Collected: 10/30/2006 2:00:00 PM
Received: 10/31/2006

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/13/2006 1:56:56 PM	6010B	0.050	< 0.050
Manganese	mg/L	11/13/2006 1:56:56 PM	6010B	0.0050	**0.030**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-03E
Field Sample ID: **Res-1**
Collected: 10/30/2006 2:30:00 PM
Received: 10/31/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/13/2006 2:00:55 PM	6010B	0.050	**10**
Manganese	mg/L	11/13/2006 2:00:55 PM	6010B	0.0050	**1.1**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-04E
Field Sample ID: **Miller Outlet**
Collected: 10/30/2006 3:00:00 PM
Received: 10/31/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/13/2006 2:04:52 PM	6010B	0.050	**1.5**
Manganese	mg/L	11/13/2006 2:04:52 PM	6010B	0.0050	**0.077**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74688-01F
Field Sample ID: **Mud Creek**
Collected: 10/30/2006 1:00:00 PM
Received: 10/31/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/13/2006 1:01:17 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/6/2006 12:41:08 PM	6020	0.0050	< 0.0050	
Boron	mg/L	11/13/2006 1:01:17 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/6/2006 12:41:08 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	11/13/2006 12:20:17 PM	6010B	10	**67**	[2] *
Copper	mg/L	11/6/2006 12:41:08 PM	6020	0.0040	< 0.0040	
Iron	mg/L	11/13/2006 1:01:17 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/6/2006 12:41:08 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	11/13/2006 12:20:17 PM	6010B	10	**42**	*
Manganese	mg/L	11/6/2006 12:41:08 PM	6020	0.0050	**0.019**	
Molybdenum	mg/L	11/13/2006 1:01:17 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/13/2006 1:01:17 PM	6010B	1.0	**6.9**	
Selenium	mg/L	11/6/2006 12:41:08 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	11/13/2006 1:01:17 PM	6010B	1.0	**36**	[1]
Zinc	mg/L	11/6/2006 12:41:08 PM	6020	0.010	**0.020**	

[2] Analyte concentration is too high for accurate spike recovery.

** The reporting limits were raised due to high analyte concentration.*

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74688-02F
Field Sample ID: **Sulfer Spring**
Collected: 10/30/2006 2:00:00 PM
Received: 10/31/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/13/2006 1:17:25 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/6/2006 1:08:07 PM	6020	0.0050	< 0.0050	
Boron	mg/L	11/13/2006 1:17:25 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/6/2006 1:08:07 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	11/13/2006 12:37:59 PM	6010B	10	**89**	*
Copper	mg/L	11/6/2006 1:08:07 PM	6020	0.0040	< 0.0040	
Iron	mg/L	11/13/2006 1:17:25 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/6/2006 1:08:07 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	11/13/2006 12:37:59 PM	6010B	10	**37**	*
Manganese	mg/L	11/6/2006 1:08:07 PM	6020	0.0050	**0.032**	
Molybdenum	mg/L	11/13/2006 1:17:25 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/13/2006 1:17:25 PM	6010B	1.0	**5.1**	
Selenium	mg/L	11/6/2006 1:08:07 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	11/13/2006 1:17:25 PM	6010B	1.0	**8.9**	
Zinc	mg/L	11/6/2006 1:08:07 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74688-03F
Field Sample ID: **Res-1**
Collected: 10/30/2006 2:30:00 PM
Received: 10/31/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/13/2006 1:21:25 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/6/2006 1:13:31 PM	6020	0.0050	< 0.0050	
Boron	mg/L	11/13/2006 1:21:25 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/6/2006 1:13:31 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	11/13/2006 12:41:56 PM	6010B	10	**71**	*
Copper	mg/L	11/6/2006 1:13:31 PM	6020	0.0040	< 0.0040	
Iron	mg/L	11/13/2006 1:21:25 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/6/2006 1:13:31 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	11/13/2006 12:41:56 PM	6010B	10	**33**	*
Manganese	mg/L	11/6/2006 1:13:31 PM	6020	0.0050	**0.29**	
Molybdenum	mg/L	11/13/2006 1:21:25 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/13/2006 1:21:25 PM	6010B	1.0	**4.8**	
Selenium	mg/L	11/6/2006 1:13:31 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	11/13/2006 1:21:25 PM	6010B	1.0	**26**	
Zinc	mg/L	11/6/2006 1:13:31 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-04F
Field Sample ID: **Miller Outlet**
Collected: 10/30/2006 3:00:00 PM
Received: 10/31/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/13/2006 1:25:22 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/6/2006 1:18:51 PM	6020	0.0050	< 0.0050	
Boron	mg/L	11/13/2006 1:25:22 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/6/2006 1:18:51 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	11/13/2006 12:45:51 PM	6010B	10	**80**	*
Copper	mg/L	11/6/2006 1:18:51 PM	6020	0.0040	< 0.0040	
Iron	mg/L	11/13/2006 1:25:22 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/6/2006 1:18:51 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	11/13/2006 12:45:51 PM	6010B	10	**17**	*
Manganese	mg/L	11/6/2006 1:18:51 PM	6020	0.0050	**0.016**	
Molybdenum	mg/L	11/13/2006 1:25:22 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/13/2006 1:25:22 PM	6010B	1.0	**2.1**	
Selenium	mg/L	11/6/2006 1:18:51 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	11/13/2006 1:25:22 PM	6010B	1.0	**6.2**	
Zinc	mg/L	11/6/2006 1:18:51 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-01
Field Sample ID: **Mud Creek**
Collected: 10/30/2006 1:00:00 PM
Received: 10/31/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	11/1/2006 6:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**230**	
Ammonia (as N)	mg/L	11/3/2006 2:01:00 PM	350.1	0.050	< 0.050	1
Bicarbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**210**	
Carbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**28**	
Chloride	mg/L	11/9/2006 12:55:43 AM	300.0	10	**17**	
Hardness (as CaCO3)	mg/L	11/13/2006	2340B	10	**340**	
Nitrate (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	**0.13**	1
Nitrite (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	11/1/2006 1:15:00 PM	EPA 1664	3.0	**3.3**	
Phosphate, ortho (as P)	mg/L	11/1/2006 8:46:00 AM	365.1	0.050	< 0.050	
Settable Solids	ml/L	11/1/2006	160.5	0.10	< 0.10	
Sulfate	mg/L	11/9/2006 12:55:43 AM	300.0	100	**160**	
TDS	mg/L	11/1/2006 2:00:00 PM	160.1	20	**460**	
TSS	mg/L	11/1/2006 4:00:00 PM	160.2	3.0	**14**	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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INORGANIC ANALYSIS REPORT

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Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-02
Field Sample ID: **Sulfer Spring**
Collected: 10/30/2006 2:00:00 PM
Received: 10/31/2006

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/1/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**350**
Ammonia (as N)	mg/L	11/3/2006 2:01:00 PM	350.1	0.050	**0.064**
Bicarbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**350**
Carbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/9/2006 3:08:41 AM	300.0	1.0	**6.5**
Hardness (as CaCO3)	mg/L	11/13/2006	2340B	10	**380**
Nitrate (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	**0.019**
Nitrite (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/1/2006 1:15:00 PM	EPA 1664	3.0	**3.7**
Phosphate, ortho (as P)	mg/L	11/1/2006 8:46:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	11/1/2006	160.5	0.10	< 0.10
Sulfate	mg/L	11/9/2006 3:08:41 AM	300.0	10	**46**
TDS	mg/L	11/1/2006 2:00:00 PM	160.1	20	**360**
TSS	mg/L	11/1/2006 4:00:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-03
Field Sample ID: **Res-1**
Collected: 10/30/2006 2:30:00 PM
Received: 10/31/2006

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/1/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**260**
Ammonia (as N)	mg/L	11/3/2006 2:01:00 PM	350.1	0.050	**0.073**
Bicarbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**260**
Carbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/9/2006 4:48:25 AM	300.0	10	**20**
Hardness (as CaCO3)	mg/L	11/13/2006	2340B	10	**310**
Nitrate (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	**0.024**
Oil & Grease	mg/L	11/1/2006 1:15:00 PM	EPA 1664	3.0	**3.9**
Phosphate, ortho (as P)	mg/L	11/1/2006 8:46:00 AM	365.1	0.050	**0.059**
Settable Solids	ml/L	11/1/2006	160.5	0.10	**1.5**
Sulfate	mg/L	11/9/2006 4:48:25 AM	300.0	10	**74**
TDS	mg/L	11/1/2006 2:00:00 PM	160.1	20	**400**
TSS	mg/L	11/1/2006 4:00:00 PM	160.2	3.0	**430**

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INORGANIC ANALYSIS REPORT

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74688-04
Field Sample ID: **Miller Outlet**
Collected: 10/30/2006 3:00:00 PM
Received: 10/31/2006

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/1/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**260**
Ammonia (as N)	mg/L	11/3/2006 2:01:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	20	**250**
Carbonate (As CaCO3)	mg/L	11/1/2006 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/9/2006 6:28:10 AM	300.0	1.0	**9.7**
Hardness (as CaCO3)	mg/L	11/13/2006	2340B	10	**270**
Nitrate (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	**0.24**
Nitrite (as N)	mg/L	11/1/2006 9:28:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/1/2006 1:15:00 PM	EPA 1664	3.0	**4.1**
Phosphate, ortho (as P)	mg/L	11/1/2006 8:46:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	11/1/2006	160.5	0.10	< 0.10
Sulfate	mg/L	11/9/2006 6:28:10 AM	300.0	10	**25**
TDS	mg/L	11/1/2006 2:00:00 PM	160.1	20	**310**
TSS	mg/L	11/1/2006 4:00:00 PM	160.2	3.0	**51**

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-31458	Arsenic	mg/L	6020	0.2177	0.2	0	109	80-120				11/6/2006
LCS-31458	Cadmium	mg/L	6020	0.2096	0.2	0	105	80-120				11/6/2006
LCS-31458	Copper	mg/L	6020	0.2105	0.2	0	105	80-120				11/6/2006
LCS-31458	Lead	mg/L	6020	0.2040	0.2	0	102	80-120				11/6/2006
LCS-31458	Manganese	mg/L	6020	0.2204	0.2	0	110	80-120				11/6/2006
LCS-31458	Selenium	mg/L	6020	0.1967	0.2	0	98.4	80-120				11/6/2006
LCS-31458	Zinc	mg/L	6020	1.071	1	0.003383	107	80-120				11/6/2006
LCS-31426	Iron	mg/L	6010B	1.092	1	0	109	75-125				11/13/2006
LCS-31426	Manganese	mg/L	6010B	0.2229	0.2	0	111	75-125				11/13/2006
LCS-31458	Aluminum	mg/L	6010B	1.042	1	0	104	75-125				11/13/2006
LCS-31458	Boron	mg/L	6010B	1.097	1	0	110	75-125				11/13/2006
LCS-31458	Calcium	mg/L	6010B	10.58	10	0	106	75-125				11/13/2006
LCS-31458	Iron	mg/L	6010B	1.099	1	0	110	75-125				11/13/2006
LCS-31458	Magnesium	mg/L	6010B	10.97	10	0	110	75-125				11/13/2006
LCS-31458	Molybdenum	mg/L	6010B	0.2180	0.2	0	109	75-125				11/13/2006
LCS-31458	Potassium	mg/L	6010B	10.59	10	0	106	75-125				11/13/2006
LCS-31458	Sodium	mg/L	6010B	9.689	10	0	96.9	75-125				11/13/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-31458	Arsenic	mg/L	6020	< 0.0050				-				11/6/2006
MB-31458	Cadmium	mg/L	6020	< 0.0040				-				11/6/2006
MB-31458	Copper	mg/L	6020	< 0.0040				-				11/6/2006
MB-31458	Lead	mg/L	6020	< 0.0050				-				11/6/2006
MB-31458	Manganese	mg/L	6020	< 0.0050				-				11/6/2006
MB-31458	Selenium	mg/L	6020	< 0.0050				-				11/6/2006
MB-31458	Zinc	mg/L	6020	< 0.010				-				11/6/2006
MB-31426	Iron	mg/L	6010B	< 0.050				-				11/13/2006
MB-31426	Manganese	mg/L	6010B	< 0.0050				-				11/13/2006
MB-31458	Aluminum	mg/L	6010B	< 0.10				-				11/13/2006
MB-31458	Boron	mg/L	6010B	< 0.50				-				11/13/2006
MB-31458	Calcium	mg/L	6010B	< 1.0				-				11/13/2006
MB-31458	Iron	mg/L	6010B	< 0.050				-				11/13/2006
MB-31458	Magnesium	mg/L	6010B	< 1.0				-				11/13/2006
MB-31458	Molybdenum	mg/L	6010B	< 0.10				-				11/13/2006
MB-31458	Potassium	mg/L	6010B	< 1.0				-				11/13/2006
MB-31458	Sodium	mg/L	6010B	< 1.0				-				11/13/2006

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74688-01FMS	Arsenic	mg/L	6020	0.2242	0.2	0	112	70-130				11/6/2006
L74688-01FMS	Cadmium	mg/L	6020	0.2164	0.2	0	108	70-130				11/6/2006
L74688-01FMS	Copper	mg/L	6020	0.2078	0.2	0	104	70-130				11/6/2006
L74688-01FMS	Lead	mg/L	6020	0.2060	0.2	0	103	70-130				11/6/2006
L74688-01FMS	Manganese	mg/L	6020	0.2418	0.2	0.01915	111	70-130				11/6/2006
L74688-01FMS	Selenium	mg/L	6020	0.2027	0.2	0	101	70-130				11/6/2006
L74688-01FMS	Zinc	mg/L	6020	1.119	1	0.02046	110	70-130				11/6/2006
L74688-01EMS	Iron	mg/L	6010B	1.442	1	0.342	110	75-125				11/13/2006
L74688-01EMS	Manganese	mg/L	6010B	0.2500	0.2	0.0312	109	75-125				11/13/2006
L74688-01FMS	Calcium	mg/L	6010B	79.89	10	67.04	129	75-125			2	11/13/2006
L74688-01FMS	Magnesium	mg/L	6010B	53.40	10	42.39	110	75-125				11/13/2006
L74688-01FMS	Aluminum	mg/L	6010B	1.058	1	0.03809	102	75-125				11/13/2006
L74688-01FMS	Boron	mg/L	6010B	1.240	1	0.1239	112	75-125				11/13/2006
L74688-01FMS	Iron	mg/L	6010B	1.068	1	0.0109	106	75-125				11/13/2006
L74688-01FMS	Molybdenum	mg/L	6010B	0.2144	0.2	0	107	75-125				11/13/2006
L74688-01FMS	Potassium	mg/L	6010B	17.44	10	6.94	105	75-125				11/13/2006
L74688-01FMS	Sodium	mg/L	6010B	46.59	10	35.58	110	75-125				11/13/2006

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74688-01FMSD	Arsenic	mg/L	6020	0.2264	0.2	0	113	70-130	0.944	20		11/6/2006
L74688-01FMSD	Cadmium	mg/L	6020	0.2174	0.2	0	109	70-130	0.450	20		11/6/2006
L74688-01FMSD	Copper	mg/L	6020	0.2092	0.2	0	105	70-130	0.663	20		11/6/2006
L74688-01FMSD	Lead	mg/L	6020	0.2090	0.2	0	105	70-130	1.47	20		11/6/2006
L74688-01FMSD	Manganese	mg/L	6020	0.2440	0.2	0.01915	112	70-130	0.872	20		11/6/2006
L74688-01FMSD	Selenium	mg/L	6020	0.2050	0.2	0	103	70-130	1.14	20		11/6/2006
L74688-01FMSD	Zinc	mg/L	6020	1.093	1	0.02046	107	70-130	2.38	20		11/6/2006
L74688-01EMSD	Iron	mg/L	6010B	1.536	1	0.342	119	75-125	6.28	20		11/13/2006
L74688-01EMSD	Manganese	mg/L	6010B	0.2511	0.2	0.0312	110	75-125	0.443	20		11/13/2006
L74688-01FMSD	Calcium	mg/L	6010B	79.97	10	67.04	129	75-125	0.0949	20	[2]	11/13/2006
L74688-01FMSD	Magnesium	mg/L	6010B	52.80	10	42.39	104	75-125	1.13	20		11/13/2006
L74688-01FMSD	Aluminum	mg/L	6010B	1.083	1	0.03809	104	75-125	2.32	20		11/13/2006
L74688-01FMSD	Boron	mg/L	6010B	1.300	1	0.1239	118	75-125	4.72	20		11/13/2006
L74688-01FMSD	Iron	mg/L	6010B	1.136	1	0.0109	112	75-125	6.17	20		11/13/2006
L74688-01FMSD	Molybdenum	mg/L	6010B	0.2156	0.2	0	108	75-125	0.578	20		11/13/2006
L74688-01FMSD	Potassium	mg/L	6010B	19.04	10	6.94	121	75-125	8.78	20		11/13/2006
L74688-01FMSD	Sodium	mg/L	6010B	50.80	10	35.58	152	75-125	8.64	20	[1]	11/13/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
[2] Analyte concentration is too high for accurate spike recovery.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74425-01ADUP	TDS	mg/L	160.1	252.0	0	250		-	0.797	20		11/1/2006
L74426-05ADUP	TDS	mg/L	160.1	956.0	0	968		-	1.25	20		11/1/2006
L74688-04ADUP	TDS	mg/L	160.1	312.0	0	308		-	1.29	20		11/1/2006
L74699-01CDUP	TDS	mg/L	160.1	7700	0	7200		-	6.71	20		11/1/2006
L74688-01ADUP	TSS	mg/L	160.2	15.00	0	14		-	6.90	20		11/1/2006
L74697-02ADUP	TSS	mg/L	160.2	6.000	0	8		-	28.6	20	*	11/1/2006

* High RPD due to low analyte concentration. In this range, high RPD's may be expected.

All analyses applicabl[redacted]CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached[redacted]This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any mem[redacted]staff, or reproduction of this report in connect[redacted]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted]for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspe[redacted]r analysis in good faith and according to the [redacted]e trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R63329	Alkalinity,(As CaCO3)	mg/L	2320B	49880	50000	0	99.8	90-110				11/1/2006
LCS-R63681	Chloride	mg/L	300.0	4.971	5	0	99.4	90-110				11/8/2006
LCS-R63681	Sulfate	mg/L	300.0	5.221	5	0	104	90-110				11/8/2006
LCS-R63328	Acidity	mg/L	305.1	50.00	50	0	100	80-120				11/1/2006
LCS-31422	Ammonia (as N)	mg/L	350.1	0.9860	1	0	98.6	90-110				11/3/2006
LCS-63342	Nitrite (as N)	mg/L	353.2	1.035	1	0	104	90-110				11/1/2006
LCS-63347	Nitrate (as N)	mg/L	353.2	0.9450	1	0	94.5	90-110				11/1/2006
LCS-R63385	Oil & Grease	mg/L	EPA 1664	42.20	40	0	106	79-114				11/1/2006
LCS-63337	Phosphate, ortho (as P)	mg/L	365.1	0.9820	1	0	98.2	90-110				11/1/2006
LCS-R63439	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				11/1/2006
LCS-R63412	TSS	mg/L	160.2	105.0	100	0	105	80-120				11/1/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R63329	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				11/1/2006
MB-R63329	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				11/1/2006
MB-R63329	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				11/1/2006
MB-R63681	Chloride	mg/L	300.0	< 1.0				-				11/8/2006
MB-R63681	Sulfate	mg/L	300.0	< 1.0				-				11/8/2006
MB-R63328	Acidity	mg/L	305.1	< 15				-				11/1/2006
MB-31422	Ammonia (as N)	mg/L	350.1	< 0.050				-				11/3/2006
MB-63342	Nitrite (as N)	mg/L	353.2	< 0.010				-				11/1/2006
MB-63347	Nitrate (as N)	mg/L	353.2	< 0.010				-				11/1/2006
MB-R63385	Oil & Grease	mg/L	EPA 1664	< 3.0				-				11/1/2006
MB-63337	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				11/1/2006
MB-R63439	TDS	mg/L	160.1	< 10				-				11/1/2006
MB-R63412	TSS	mg/L	160.2	< 3.0				-				11/1/2006

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74688-03BMS	Alkalinity,(As CaCO3)	mg/L	2320B	366.0	100	263	103	80-120				11/1/2006
L74695-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	372.0	100	273	99.0	80-120				11/1/2006
L74688-01BMS	Chloride	mg/L	300.0	67.26	50	17.46	99.6	90-110				11/9/2006
L74688-01BMS	Sulfate	mg/L	300.0	681.4	500	158.6	105	90-110				11/9/2006
L74688-02BMS	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120				11/1/2006
L74688-01CMS	Ammonia (as N)	mg/L	350.1	0.9200	1	0	92.0	90-110				11/3/2006
L74688-01BMS	Nitrite (as N)	mg/L	353.2	1.059	1	0	106	90-110				11/1/2006
L74688-01BMS	Nitrate (as N)	mg/L	353.2	1.040	1	0.131	90.9	90-110				11/1/2006
L74688-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9590	1	0	95.9	90-110				11/1/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74688-03BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	372.0	100	263	109	80-120	1.63	10		11/1/2006
L74695-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	375.0	100	273	102	80-120	0.803	10		11/1/2006
L74688-01BMSD	Chloride	mg/L	300.0	66.94	50	17.46	99.0	90-110	0.463	20		11/9/2006
L74688-01BMSD	Sulfate	mg/L	300.0	681.2	500	158.6	105	90-110	0.0324	20		11/9/2006
L74688-02BMSD	Acidity	mg/L	305.1	50.00	50	0	100	80-120	8.33	20		11/1/2006
L74688-01CMSD	Ammonia (as N)	mg/L	350.1	0.8970	1	0	89.7	90-110	2.53	10	1	11/3/2006
L74688-01BMSD	Nitrite (as N)	mg/L	353.2	1.048	1	0	105	90-110	1.04	10		11/1/2006
L74688-01BMSD	Nitrate (as N)	mg/L	353.2	0.9950	1	0.131	86.4	90-110	4.42	10	1	11/1/2006
L74688-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9990	1	0	99.9	90-110	4.09	10		11/1/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R63385	Oil & Grease	mg/L	EPA 1664	39.90	40	0	99.8	79-114				11/1/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74688
Project: Scofield Baseline

Dept: WC

SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R63385	Oil & Grease	mg/L	EPA 1664	40.00	40	0	100	79-114	0.250	18		11/1/2006

All analyses applicable [redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any mem[redacted] staff, or reproduction of this report in connecti[redacted] advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted] for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspe[redacted] analysis in good faith and according to the r[redacted] trade and of science.

American West Analytical Labs

WORK ORDER Summary

31-Oct-06

Work Order L74688

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+ HOK-DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74688-01A	Mud Creek	10/30/2006 1:00:00 PM	10/31/2006	11/14/2006	Aqueous	SS	ww - tss/tds/ss	1
				11/14/2006		TDS-W	ww - tss/tds/ss	1
				11/14/2006		TSS-W	ww - tss/tds/ss	1
L74688-01B				11/14/2006		2320B-ALK-W	oct 31 - wc	1
				11/14/2006		300.0-W	oct 31 - wc	1
				11/14/2006		ACIDITY-W	oct 31 - wc	1
				11/14/2006		NO2-W	oct 31 - wc	1
				11/14/2006		NO3-W	oct 31 - wc	1
				11/14/2006		PO4-O	oct 31 - wc	1
L74688-01C				11/14/2006		NH3-W	oct 31 - nh3	1
				11/14/2006		NH3-W-PREP	oct 31 - nh3	1
L74688-01D				11/14/2006		OGB-W	ogb	1
L74688-01E				11/14/2006		3005A-ICPMS	oct 31 - met	1
				11/14/2006		ICP-W	oct 31 - met	1
L74688-01F				11/14/2006	Aqueous-Dissolved	3005A-Diss	oct 31 - met	1
				11/14/2006		6020-W-DISS	oct 31 - met	1
				11/14/2006		HARD	oct 31 - met	1
				11/14/2006		ICP-W-DIS	oct 31 - met	1
L74688-02A	Sulfer Spring	10/30/2006 2:00:00 PM		11/14/2006	Aqueous	SS	ww - tss/tds/ss	1
				11/14/2006		TDS-W	ww - tss/tds/ss	1
				11/14/2006		TSS-W	ww - tss/tds/ss	1
L74688-02B				11/14/2006		2320B-ALK-W	oct 31 - wc	1
				11/14/2006		300.0-W	oct 31 - wc	1
				11/14/2006		ACIDITY-W	oct 31 - wc	1
				11/14/2006		NO2-W	oct 31 - wc	1
				11/14/2006		NO3-W	oct 31 - wc	1
				11/14/2006		PO4-O	oct 31 - wc	1

WORK ORDER Summary

31-Oct-06

Work Order L74688

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74688-02C	Sulfer Spring	10/30/2006 2:00:00 PM	10/31/2006	11/14/2006	Aqueous	NH3-W	oct 31 - nh3	1
				11/14/2006		NH3-W-PREP	oct 31 - nh3	1
L74688-02D				11/14/2006		OGB-W	ogb	1
L74688-02E				11/14/2006		3005A-ICPMS	oct 31 - met	1
				11/14/2006		ICP-W	oct 31 - met	1
L74688-02F				11/14/2006	Aqueous-Dissolved	3005A-Diss	oct 31 - met	1
				11/14/2006		6020-W-DISS	oct 31 - met	1
				11/14/2006		HARD	oct 31 - met	1
				11/14/2006		ICP-W-DIS	oct 31 - met	1
L74688-03A	Res-1	10/30/2006 2:30:00 PM		11/14/2006	Aqueous	SS	ww - tss/tds/ss	1
				11/14/2006		TDS-W	ww - tss/tds/ss	1
				11/14/2006		TSS-W	ww - tss/tds/ss	1
L74688-03B				11/14/2006		2320B-ALK-W	oct 31 - wc	1
				11/14/2006		300.0-W	oct 31 - wc	1
				11/14/2006		ACIDITY-W	oct 31 - wc	1
				11/14/2006		NO2-W	oct 31 - wc	1
				11/14/2006		NO3-W	oct 31 - wc	1
				11/14/2006		PO4-O	oct 31 - wc	1
L74688-03C				11/14/2006		NH3-W	oct 31 - nh3	1
				11/14/2006		NH3-W-PREP	oct 31 - nh3	1
L74688-03D				11/14/2006		OGB-W	ogb	1
L74688-03E				11/14/2006		3005A-ICPMS	oct 31 - met	1
				11/14/2006		ICP-W	oct 31 - met	1
L74688-03F				11/14/2006	Aqueous-Dissolved	3005A-Diss	oct 31 - met	1
				11/14/2006		6020-W-DISS	oct 31 - met	1
				11/14/2006		HARD	oct 31 - met	1
				11/14/2006		ICP-W-DIS	oct 31 - met	1
L74688-04A	Miller Outlet	10/30/2006 3:00:00 PM		11/14/2006	Aqueous	SS	ww - tss/tds/ss	1

WORK ORDER Summary

31-Oct-06

Work Order L74688

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74688-04A	Miller Outlet	10/30/2006 3:00:00 PM	10/31/2006	11/14/2006	Aqueous	TDS-W	ww - tss/tds/ss	1
				11/14/2006		TSS-W	ww - tss/tds/ss	1
L74688-04B				11/14/2006		2320B-ALK-W	oct 31 - wc	1
				11/14/2006		300.0-W	oct 31 - wc	1
				11/14/2006		ACIDITY-W	oct 31 - wc	1
				11/14/2006		NO2-W	oct 31 - wc	1
				11/14/2006		NO3-W	oct 31 - wc	1
				11/14/2006		PO4-O	oct 31 - wc	1
L74688-04C				11/14/2006		NH3-W	oct 31 - nh3	1
				11/14/2006		NH3-W-PREP	oct 31 - nh3	1
L74688-04D				11/14/2006		OGB-W	ogb	1
L74688-04E				11/14/2006		3005A-ICPMS	oct 31 - met	1
				11/14/2006		ICP-W	oct 31 - met	1
L74688-04F				11/14/2006	Aqueous-Dissolved	3005A-Diss	oct 31 - met	1
				11/14/2006		6020-W-DISS	oct 31 - met	1
				11/14/2006		HARD	oct 31 - met	1
				11/14/2006		ICP-W-DIS	oct 31 - met	1

Client Carbon Resources / Rock Logic

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City State Zip

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Contact Brad Lindsay

E-mail lindsay.brad@gmail.com

Project Name Scofield baseline

Project Number/P.O.#

Sampler Name Brad Lindsay

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CHAIN OF CUSTODY

Lab Sample Set # 74688

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table 3										COMMENTS
				Please indicate tests needed below										
Mud Creek	10-30-06 13:00	W	6	✓										
Culfer Spring	10-30-06 14:00	W	6	✓										
Res-1	10-30-06 14:30	W	6	✓										
Miller Outlet	10-30-06 15:00	W	6	✓										

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes:

3 Temperature 5.5°C

4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:

5 Properly Preserved
Y N
Notes:

6 Received Within Holding Times
Y N
Notes:

COC Tape Was:

1 Present on Outer Package
Y N NA

2 Unbroken on Outer Package
Y N NA

3 Present on Sample
Y N NA

4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME BRAD LINDSAY	Time 16:30	PRINT NAME UPS
Relinquished By: *Signature* UPS	Date 10/31/06	Received By: *Signature*
PRINT NAME	Time 16:17	PRINT NAME ROBERT WINKLER
Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME
Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 74688

Preservation Check Sheet

			Sample Set Extension and pH														
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

December 13, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L75142

Dear Brad Lindsay:

American West Analytical Labs received 2 samples on 11/29/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75142-01E
Field Sample ID: **Mud Creek**
Collected: 11/27/2006 3:45:00 PM
Received: 11/29/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/11/2006 11:38:57 AM	6010B	0.050	**0.30**
Manganese	mg/L	12/11/2006 11:38:57 AM	6010B	0.0050	**0.026**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75142-02E
Field Sample ID: **Sulfer Spring**
Collected: 11/27/2006 4:10:00 PM
Received: 11/29/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/11/2006 11:43:09 AM	6010B	0.050	< 0.050
Manganese	mg/L	12/11/2006 11:43:09 AM	6010B	0.0050	**0.030**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75142-01F
Field Sample ID: **Mud Creek**
Collected: 11/27/2006 3:45:00 PM
Received: 11/29/2006

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	12/13/2006 10:44:42 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/30/2006 10:49:53 AM	6020	0.0050	< 0.0050	
Boron	mg/L	12/11/2006 12:17:59 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/30/2006 10:49:53 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	12/13/2006 10:21:20 AM	6010B	10	**89**	*
Copper	mg/L	11/30/2006 10:49:53 AM	6020	0.0040	< 0.0040	
Iron	mg/L	12/11/2006 12:17:59 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/30/2006 10:49:53 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	12/11/2006 12:17:59 PM	6010B	1.0	**44**	
Manganese	mg/L	11/30/2006 10:49:53 AM	6020	0.0050	**0.023**	
Molybdenum	mg/L	12/11/2006 12:17:59 PM	6010B	0.10	< 0.10	
Potassium	mg/L	12/11/2006 12:17:59 PM	6010B	1.0	**7.6**	
Selenium	mg/L	11/30/2006 10:49:53 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	12/13/2006 10:44:42 AM	6010B	1.0	**42**	
Zinc	mg/L	11/30/2006 10:49:53 AM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75142-02F
Field Sample ID: **Sulfer Spring**
Collected: 11/27/2006 4:10:00 PM
Received: 11/29/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	12/13/2006 10:48:35 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/30/2006 10:55:16 AM	6020	0.0050	< 0.0050	
Boron	mg/L	12/11/2006 12:26:20 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/30/2006 10:55:16 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	12/13/2006 10:25:15 AM	6010B	10	**93**	*
Copper	mg/L	11/30/2006 10:55:16 AM	6020	0.0040	< 0.0040	
Iron	mg/L	12/11/2006 12:26:20 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/30/2006 10:55:16 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	12/11/2006 12:26:20 PM	6010B	1.0	**38**	1
Manganese	mg/L	11/30/2006 10:55:16 AM	6020	0.0050	**0.032**	
Molybdenum	mg/L	12/11/2006 12:26:20 PM	6010B	0.10	< 0.10	
Potassium	mg/L	12/11/2006 12:26:20 PM	6010B	1.0	**5.2**	
Selenium	mg/L	11/30/2006 10:55:16 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	12/13/2006 10:48:35 AM	6010B	1.0	**9.0**	
Zinc	mg/L	11/30/2006 10:55:16 AM	6020	0.010	< 0.010	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

* *The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75142-01
Field Sample ID: **Mud Creek**
Collected: 11/27/2006 3:45:00 PM
Received: 11/29/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	11/29/2006 11:30:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	11/29/2006 10:40:00 AM	2320B	20	**250**	
Ammonia (as N)	mg/L	12/1/2006 12:10:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	11/29/2006 10:40:00 AM	2320B	20	**220**	
Carbonate (As CaCO3)	mg/L	11/29/2006 10:40:00 AM	2320B	20	**31**	
Chloride	mg/L	11/29/2006 6:24:53 PM	300.0	10	**15**	
Hardness (as CaCO3)	mg/L	12/13/2006	2340B	10	**400**	
Nitrate (as N)	mg/L	11/29/2006 11:13:00 AM	353.2	0.010	**0.26**	[1]@
Nitrite (as N)	mg/L	11/29/2006 11:13:00 AM	353.2	0.010	< 0.010	[1]@
Oil & Grease	mg/L	11/29/2006 10:15:00 AM	EPA 1664	3.0	**3.4**	
Phosphate, ortho (as P)	mg/L	11/29/2006 12:51:00 PM	365.1	0.050	< 0.050	
Settable Solids	ml/L	11/29/2006 1:45:00 PM	160.5	0.10	< 0.10	
Sulfate	mg/L	11/29/2006 6:24:53 PM	300.0	100	**160**	
TDS	mg/L	12/1/2006 3:45:00 PM	160.1	20	**490**	
TSS	mg/L	11/29/2006 3:30:00 PM	160.2	3.0	**13**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75142-02
Field Sample ID: **Sulfer Spring**
Collected: 11/27/2006 4:10:00 PM
Received: 11/29/2006

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/29/2006 11:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	11/29/2006 10:40:00 AM	2320B	20	**350**
Ammonia (as N)	mg/L	12/1/2006 12:10:00 PM	350.1	0.050	**0.084**
Bicarbonate (As CaCO3)	mg/L	11/29/2006 10:40:00 AM	2320B	20	**350**
Carbonate (As CaCO3)	mg/L	11/29/2006 10:40:00 AM	2320B	10	< 10
Chloride	mg/L	11/29/2006 8:37:51 PM	300.0	1.0	**6.1**
Hardness (as CaCO3)	mg/L	12/13/2006	2340B	10	**390**
Nitrate (as N)	mg/L	11/29/2006 11:13:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	11/29/2006 11:13:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/29/2006 10:15:00 AM	EPA 1664	3.0	**3.6**
Phosphate, ortho (as P)	mg/L	11/29/2006 12:51:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	11/29/2006 1:45:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	11/29/2006 8:37:51 PM	300.0	10	**43**
TDS	mg/L	12/1/2006 3:45:00 PM	160.1	20	**350**
TSS	mg/L	11/29/2006 3:30:00 PM	160.2	3.0	< 3.0

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-31858	Arsenic	mg/L	6020	0.2236	0.2	0	112	80-120				11/30/2006
LCS-31858	Cadmium	mg/L	6020	0.2089	0.2	0	104	80-120				11/30/2006
LCS-31858	Copper	mg/L	6020	0.2117	0.2	0	106	80-120				11/30/2006
LCS-31858	Lead	mg/L	6020	0.2152	0.2	0	108	80-120				11/30/2006
LCS-31858	Manganese	mg/L	6020	0.2112	0.2	0.00154	105	80-120				11/30/2006
LCS-31858	Selenium	mg/L	6020	0.1907	0.2	0	95.4	80-120				11/30/2006
LCS-31858	Zinc	mg/L	6020	1.039	1	0.005562	103	80-120				11/30/2006
LCS-31861	Iron	mg/L	6010B	1.100	1	0	110	75-125				12/11/2006
LCS-31861	Manganese	mg/L	6010B	0.2290	0.2	0	114	75-125				12/11/2006
LCS-31858	Boron	mg/L	6010B	1.189	1	0	119	75-125				12/11/2006
LCS-31858	Calcium	mg/L	6010B	11.47	10	0	115	75-125				12/11/2006
LCS-31858	Iron	mg/L	6010B	1.151	1	0	115	75-125				12/11/2006
LCS-31858	Magnesium	mg/L	6010B	11.28	10	0	113	75-125				12/11/2006
LCS-31858	Molybdenum	mg/L	6010B	0.2224	0.2	0	111	75-125				12/11/2006
LCS-31858	Potassium	mg/L	6010B	11.11	10	0	111	75-125				12/11/2006
LCS-31858	Aluminum	mg/L	6010B	1.165	1	0	116	75-125				12/13/2006
LCS-31858	Sodium	mg/L	6010B	10.60	10	0	106	75-125				12/13/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-31858	Arsenic	mg/L	6020	< 0.0050				-				11/30/2006
MB-31858	Cadmium	mg/L	6020	< 0.0040				-				11/30/2006
MB-31858	Copper	mg/L	6020	< 0.0040				-				11/30/2006
MB-31858	Lead	mg/L	6020	< 0.0050				-				11/30/2006
MB-31858	Manganese	mg/L	6020	< 0.0050				-				11/30/2006
MB-31858	Selenium	mg/L	6020	< 0.0050				-				11/30/2006
MB-31858	Zinc	mg/L	6020	< 0.010				-				11/30/2006
MB-31861	Iron	mg/L	6010B	< 0.050				-				12/11/2006
MB-31858	Boron	mg/L	6010B	< 0.50				-				12/11/2006
MB-31858	Calcium	mg/L	6010B	< 1.0				-				12/11/2006
MB-31858	Iron	mg/L	6010B	< 0.050				-				12/11/2006
MB-31858	Magnesium	mg/L	6010B	< 1.0				-				12/11/2006
MB-31858	Molybdenum	mg/L	6010B	< 0.040				-				12/11/2006
MB-31858	Potassium	mg/L	6010B	< 1.0				-				12/11/2006
MB-31858	Aluminum	mg/L	6010B	< 0.10				-				12/13/2006
MB-31858	Sodium	mg/L	6010B	< 1.0				-				12/13/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75142-02FMS	Arsenic	mg/L	6020	0.2269	0.2	0	113	70-130				11/30/2006
L75142-02FMS	Cadmium	mg/L	6020	0.2086	0.2	0	104	70-130				11/30/2006
L75142-02FMS	Copper	mg/L	6020	0.2013	0.2	0	101	70-130				11/30/2006
L75142-02FMS	Lead	mg/L	6020	0.2102	0.2	0	105	70-130				11/30/2006
L75142-02FMS	Manganese	mg/L	6020	0.2359	0.2	0.03151	102	70-130				11/30/2006
L75142-02FMS	Selenium	mg/L	6020	0.1967	0.2	0	98.3	70-130				11/30/2006
L75142-02FMS	Zinc	mg/L	6020	1.019	1	0.008702	101	70-130				11/30/2006
L75137-01HMS	Iron	mg/L	6010B	1.137	1	0.0105	113	75-125				12/11/2006
L75142-02EMS	Iron	mg/L	6010B	1.141	1	0.016	113	75-125				12/11/2006
L75142-02EMS	Manganese	mg/L	6010B	0.2419	0.2	0.03003	106	75-125				12/11/2006
L75142-02FMS	Boron	mg/L	6010B	1.196	1	0.03563	116	75-125				12/11/2006
L75142-02FMS	Iron	mg/L	6010B	1.139	1	0.00868	113	75-125				12/11/2006
L75142-02FMS	Magnesium	mg/L	6010B	46.61	10	37.9	87.2	75-125				12/11/2006
L75142-02FMS	Molybdenum	mg/L	6010B	0.2139	0.2	0	107	75-125				12/11/2006
L75142-02FMS	Potassium	mg/L	6010B	16.32	10	5.237	111	75-125				12/11/2006
L75142-02FMS	Calcium	mg/L	6010B	100.5	10	92.51	80.0	75-125				12/13/2006
L75142-02FMS	Aluminum	mg/L	6010B	1.175	1	0.06557	111	75-125				12/13/2006
L75142-02FMS	Sodium	mg/L	6010B	19.91	10	9.03	109	75-125				12/13/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75142-02FMSD	Arsenic	mg/L	6020	0.2198	0.2	0	110	70-130	3.18	20		11/30/2006
L75142-02FMSD	Cadmium	mg/L	6020	0.2034	0.2	0	102	70-130	2.55	20		11/30/2006
L75142-02FMSD	Copper	mg/L	6020	0.1957	0.2	0	97.9	70-130	2.78	20		11/30/2006
L75142-02FMSD	Lead	mg/L	6020	0.2064	0.2	0	103	70-130	1.84	20		11/30/2006
L75142-02FMSD	Manganese	mg/L	6020	0.2273	0.2	0.03151	97.9	70-130	3.74	20		11/30/2006
L75142-02FMSD	Selenium	mg/L	6020	0.1828	0.2	0	91.4	70-130	7.34	20		11/30/2006
L75142-02FMSD	Zinc	mg/L	6020	0.9925	1	0.008702	98.4	70-130	2.66	20		11/30/2006
L75137-01HMSD	Iron	mg/L	6010B	1.127	1	0.0105	112	75-125	0.935	20		12/11/2006
L75142-02EMSD	Iron	mg/L	6010B	1.148	1	0.016	113	75-125	0.572	20		12/11/2006
L75142-02EMSD	Manganese	mg/L	6010B	0.2405	0.2	0.03003	105	75-125	0.568	20		12/11/2006
L75142-02FMSD	Boron	mg/L	6010B	1.207	1	0.03563	117	75-125	0.934	20		12/11/2006
L75142-02FMSD	Iron	mg/L	6010B	1.065	1	0.00868	106	75-125	6.71	20		12/11/2006
L75142-02FMSD	Magnesium	mg/L	6010B	44.47	10	37.9	65.7	75-125	4.70	20	[1]	12/11/2006
L75142-02FMSD	Molybdenum	mg/L	6010B	0.2140	0.2	0	107	75-125	0.0451	20		12/11/2006
L75142-02FMSD	Potassium	mg/L	6010B	15.42	10	5.237	102	75-125	5.67	20		12/11/2006
L75142-02FMSD	Calcium	mg/L	6010B	102.8	10	92.51	102	75-125	2.21	20		12/13/2006
L75142-02FMSD	Aluminum	mg/L	6010B	1.187	1	0.06557	112	75-125	1.03	20		12/13/2006
L75142-02FMSD	Sodium	mg/L	6010B	19.62	10	9.03	106	75-125	1.45	20		12/13/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75162-01CDUP	TDS	mg/L	160.1	5120	0	4960		-	3.17	20		12/1/2006
L75190-02DDUP	TDS	mg/L	160.1	1116	0	1088		-	2.54	20		12/1/2006
L75193-01DDUP	TDS	mg/L	160.1	1760	0	1736		-	1.37	20		12/1/2006
L75205-01ADUP	TDS	mg/L	160.1	300.0	0	280		-	6.90	20		12/1/2006
L75134-02ADUP	TSS	mg/L	160.2	10.00	0	10		-	0	20		11/29/2006
L75142-02ADUP	TSS	mg/L	160.2	<3.0	0	0		-	0	20		11/29/2006

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R64229	Alkalinity,(As CaCO3)	mg/L	2320B	51160	50000	0	102	90-110				11/29/2006
LCS-R64262	Chloride	mg/L	300.0	4.848	5	0	97.0	90-110				11/29/2006
LCS-R64262	Sulfate	mg/L	300.0	5.435	5	0	109	90-110				11/29/2006
LCS-R64231	Acidity	mg/L	305.1	50.00	50	0	100	80-120				11/29/2006
LCS-31875	Ammonia (as N)	mg/L	350.1	0.9990	1	0	99.9	90-110				12/1/2006
LCS-64232	Nitrite (as N)	mg/L	353.2	1.030	1	0	103	90-110				11/29/2006
LCS-64234	Nitrate (as N)	mg/L	353.2	1.024	1	0	102	90-110				11/29/2006
LCS-R64252	Oil & Grease	mg/L	EPA 1664	40.80	40	0	102	79-114				11/29/2006
LCS-64243	Phosphate, ortho (as P)	mg/L	365.1	0.9830	1	0	98.3	90-110				11/29/2006
LCS-R64411	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				12/1/2006
LCS-R64274	TSS	mg/L	160.2	102.0	100	0	102	80-120				11/29/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R64229	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				11/29/2006
MB-R64229	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				11/29/2006
MB-R64229	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				11/29/2006
MB-R64262	Chloride	mg/L	300.0	< 1.0				-				11/29/2006
MB-R64262	Sulfate	mg/L	300.0	< 1.0				-				11/29/2006
MB-R64231	Acidity	mg/L	305.1	< 15				-				11/29/2006
MB-31875	Ammonia (as N)	mg/L	350.1	< 0.050				-				12/1/2006
MB-64232	Nitrite (as N)	mg/L	353.2	< 0.010				-				11/29/2006
MB-64234	Nitrate (as N)	mg/L	353.2	< 0.010				-				11/29/2006
MB-R64252	Oil & Grease	mg/L	EPA 1664	< 3.0				-				11/29/2006
MB-64243	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				11/29/2006
MB-R64411	TDS	mg/L	160.1	< 10				-				12/1/2006
MB-R64274	TSS	mg/L	160.2	< 3.0				-				11/29/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75142-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	351.0	100	251	100	80-120				11/29/2006
L75142-01BMS	Chloride	mg/L	300.0	63.24	50	15.48	95.5	90-110				11/29/2006
L75142-01BMS	Sulfate	mg/L	300.0	695.7	500	161.5	107	90-110				11/29/2006
L75137-01CMS	Chloride	mg/L	300.0	822.7	500	348.3	94.9	90-110				11/29/2006
L75137-01CMS	Sulfate	mg/L	300.0	737.0	500	154.9	116	90-110			[1]	11/29/2006
L75142-02BMS	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120				11/29/2006
L75074-01FMS	Ammonia (as N)	mg/L	350.1	2.980	1	2.062	91.8	90-110				12/1/2006
L75142-01CMS	Ammonia (as N)	mg/L	350.1	1.023	1	0	102	90-110				12/1/2006
L75142-01BMS	Nitrite (as N)	mg/L	353.2	0.9990	1	0	99.9	90-110				11/29/2006
L75142-01BMS	Nitrate (as N)	mg/L	353.2	1.195	1	0.264	93.1	90-110				11/29/2006
L75142-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.067	1	0	107	90-110				11/29/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75142-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	346.0	100	251	95.0	80-120	1.43	10		11/29/2006
L75142-01BMSD	Chloride	mg/L	300.0	63.22	50	15.48	95.5	90-110	0.0427	20		11/29/2006
L75142-01BMSD	Sulfate	mg/L	300.0	689.3	500	161.5	106	90-110	0.929	20		11/29/2006
L75137-01CMSD	Chloride	mg/L	300.0	822.6	500	348.3	94.9	90-110	0.0120	20		11/29/2006
L75137-01CMSD	Sulfate	mg/L	300.0	711.1	500	154.9	111	90-110	3.57	20	[1]	11/29/2006
L75142-02BMSD	Acidity	mg/L	305.1	40.00	50	0	80.0	80-120	14.0	20		11/29/2006
L75074-01FMSD	Ammonia (as N)	mg/L	350.1	3.014	1	2.062	95.2	90-110	1.13	10		12/1/2006
L75142-01CMSD	Ammonia (as N)	mg/L	350.1	1.025	1	0	103	90-110	0.195	10		12/1/2006
L75142-01BMSD	Nitrite (as N)	mg/L	353.2	1.140	1	0	114	90-110	13.2	10	[1]@	11/29/2006
L75142-01BMSD	Nitrate (as N)	mg/L	353.2	1.417	1	0.264	115	90-110	17.0	10	[1]@	11/29/2006
L75142-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.081	1	0	108	90-110	1.30	10		11/29/2006

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R64252	Oil & Grease	mg/L	EPA 1664	38.40	40	0	96.0	79-114				11/29/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75142
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R64252	Oil & Grease	mg/L	EPA 1664	40.60	40	0	102	79-114	5.57	18		11/29/2006

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American West Analytical Labs

WORK ORDER Summary

29-Nov-06

Work Order L75142

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L75142-01A	Mud Creek	11/27/2006 3:45:00 PM	11/29/2006	12/13/2006	Aqueous	SS	ww - tss/tds/ss	1
				12/13/2006		TDS-W	ww - tss/tds/ss	1
				12/13/2006		TSS-W	ww - tss/tds/ss	1
L75142-01B				12/13/2006		2320B-ALK-W	Nov. 29 - wc	1
				12/13/2006		300.0-W	Nov. 29 - wc	1
				12/13/2006		ACIDITY-W	Nov. 29 - wc	1
				12/13/2006		NO2-W	Nov. 29 - wc	1
				12/13/2006		NO3-W	Nov. 29 - wc	1
				12/13/2006		PO4-O	Nov. 29 - wc	1
L75142-01C				12/13/2006		NH3-W	Nov. 29 - nh3	1
				12/13/2006		NH3-W-PREP	Nov. 29 - nh3	1
L75142-01D				12/13/2006		OGB-W	OGBFridge	1
L75142-01E				12/13/2006		3005A-ICPMS	Nov. 29 - met	1
				12/13/2006		ICP-W	Nov. 29 - met	1
L75142-01F				12/13/2006	Aqueous-Dissolved	3005A-Diss	Nov. 29 - met	1
				12/13/2006		6020-W-DISS	Nov. 29 - met	1
				12/13/2006		HARD	Nov. 29 - met	1
				12/13/2006		ICP-W-DIS	Nov. 29 - met	1
L75142-02A	Sulfer Spring	11/27/2006 4:10:00 PM		12/13/2006	Aqueous	SS	ww - tss/tds/ss	1
				12/13/2006		TDS-W	ww - tss/tds/ss	1
				12/13/2006		TSS-W	ww - tss/tds/ss	1
L75142-02B				12/13/2006		2320B-ALK-W	Nov. 29 - wc	1
				12/13/2006		300.0-W	Nov. 29 - wc	1
				12/13/2006		ACIDITY-W	Nov. 29 - wc	1
				12/13/2006		NO2-W	Nov. 29 - wc	1
				12/13/2006		NO3-W	Nov. 29 - wc	1
				12/13/2006		PO4-O	Nov. 29 - wc	1

WORK ORDER Summary

29-Nov-06

Work Order L75142

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L75142-02C	Sulfer Spring	11/27/2006 4:10:00 PM	11/29/2006	12/13/2006	Aqueous	NH3-W	Nov. 29 - nh3	1
				12/13/2006		NH3-W-PREP	Nov. 29 - nh3	1
L75142-02D				12/13/2006		OGB-W	OGBFridge	1
L75142-02E				12/13/2006		3005A-ICPMS	Nov. 29 - met	1
				12/13/2006		ICP-W	Nov. 29 - met	1
L75142-02F				12/13/2006	Aqueous-Dissolved	3005A-Diss	Nov. 29 - met	1
				12/13/2006		6020-W-DISS	Nov. 29 - met	1
				12/13/2006		HARD	Nov. 29 - met	1
				12/13/2006		ICP-W-DIS	Nov. 29 - met	1

Client Carbon Resources | Rock Logic
Address PO Box 344
Cedaredge CO 81413
City State Zip
Phone 435-851-9044 Fax
Contact Brad Lindsay
E-mail Lindsay.brad@gmail.com
Project Name Scofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686
(888) 263-8686
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Email:awal@awal-labs.com

CHAIN OF CUSTODY

Lab Sample Set # 25142
Page ____ of ____

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table 3	COMMENTS
Mud Creek	11-27-06 ~~15:45~~ 15:45	W	6	✓	
Sulfer Spring	11-27-06 16:10	W	6	✓	
~~Res 1~~	~~11-27-06~~	~~W~~	~~6~~	~~✓~~	
~~Miller Outlet~~	~~11-27-06 16:45~~	~~W~~	~~6~~	~~✓~~	

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 (Shipped) or hand delivered Notes: UPS
2 Ambient or (Chilled) Notes: on ice
3 Temperature 0.5°
4 Received Broken/Leaking (Improperly Sealed) Y (N) Notes:
5 (Y) Properly Preserved N Notes:
6 (Y) Received Within Holding Times N Notes:

COC Tape Was:
1 (Y) Present on Outer Package N NA
2 (Y) Unbroken on Outer Package N NA
3 Present on Sample Y N (NA)
4 Unbroken on Sample Y N (NA) Notes:

Discrepancies Between Sample Labels and COC Record? Y (N) Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 14:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 11/29/06	Received By: Signature Elma Haylett
PRINT NAME	Time 1001	PRINT NAME Elma Haylett

Special Instructions:

* Please filter for dissolved metals
need to filter

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 75142

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

December 14, 2006

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L75205

Dear Brad Lindsay:

American West Analytical Labs received 1 sample on 12/1/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only

INORGANIC ANALYSIS REPORT

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75205-01E
Field Sample ID: **Miller Outlet**
Collected: 11/28/2006 5:00:00 PM
Received: 12/1/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	12/13/2006 2:19:34 PM	6010B	0.050	**1.4**
Manganese	mg/L	12/13/2006 2:19:34 PM	6010B	0.0050	**0.082**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75205-01F
Field Sample ID: **Miller Outlet**
Collected: 11/28/2006 5:00:00 PM
Received: 12/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	12/13/2006 12:58:57 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	12/5/2006 1:44:14 PM	6020	0.0050	< 0.0050	
Boron	mg/L	12/13/2006 12:58:57 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	12/5/2006 1:44:14 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	12/13/2006 12:03:46 PM	6010B	10	**94**	z *
Copper	mg/L	12/5/2006 1:44:14 PM	6020	0.0040	< 0.0040	
Iron	mg/L	12/13/2006 12:58:57 PM	6010B	0.050	< 0.050	
Lead	mg/L	12/5/2006 1:44:14 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	12/13/2006 12:58:57 PM	6010B	1.0	**18**	
Manganese	mg/L	12/5/2006 1:44:14 PM	6020	0.0050	**0.024**	
Molybdenum	mg/L	12/13/2006 12:58:57 PM	6010B	0.10	< 0.10	
Potassium	mg/L	12/13/2006 12:58:57 PM	6010B	1.0	**2.1**	
Selenium	mg/L	12/5/2006 1:44:14 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	12/14/2006 10:19:49 AM	6010B	1.0	**6.8**	
Zinc	mg/L	12/5/2006 1:44:14 PM	6020	0.010	**0.011**	

[z] Analyte concentration is too high for accurate spike recovery.
** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75205-01
Field Sample ID: **Miller Outlet**
Collected: 11/28/2006 5:00:00 PM
Received: 12/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	12/4/2006 10:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	12/4/2006 7:44:00 AM	2320B	20	**260**	
Ammonia (as N)	mg/L	12/5/2006 8:56:00 AM	350.1	0.050	**0.097**	
Bicarbonate (As CaCO3)	mg/L	12/4/2006 7:44:00 AM	2320B	20	**260**	
Carbonate (As CaCO3)	mg/L	12/4/2006 7:44:00 AM	2320B	10	< 10	
Chloride	mg/L	12/2/2006 5:43:10 AM	300.0	5.0	**9.7**	
Hardness (as CaCO3)	mg/L	12/13/2006	2340B	10	**310**	
Nitrate (as N)	mg/L	12/1/2006 4:09:00 PM	353.2	0.010	**0.65**	H
Nitrite (as N)	mg/L	12/1/2006 4:09:00 PM	353.2	0.010	< 0.010	[1]@H
Oil & Grease	mg/L	12/4/2006 1:00:00 PM	EPA 1664	3.0	**3.1**	
Phosphate, ortho (as P)	mg/L	12/1/2006 1:05:00 PM	365.1	0.050	< 0.050	H
Settable Solids	ml/L	12/1/2006 1:00:00 PM	160.5	0.10	< 0.10	
Sulfate	mg/L	12/2/2006 5:43:10 AM	300.0	5.0	**24**	
TDS	mg/L	12/1/2006 3:45:00 PM	160.1	20	**280**	
TSS	mg/L	12/1/2006 5:15:00 PM	160.2	3.0	**47**	

H - Sample was received outside of holding time.
[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
@ High RPD due to suspected matrix interference.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-31930	Arsenic	mg/L	6020	0.2143	0.2	0	107	80-120				12/5/2006
LCS-31930	Cadmium	mg/L	6020	0.2102	0.2	0	105	80-120				12/5/2006
LCS-31930	Copper	mg/L	6020	0.2101	0.2	0	105	80-120				12/5/2006
LCS-31930	Lead	mg/L	6020	0.2068	0.2	0	103	80-120				12/5/2006
LCS-31930	Manganese	mg/L	6020	0.2105	0.2	0	105	80-120				12/5/2006
LCS-31930	Selenium	mg/L	6020	0.2056	0.2	0	103	80-120				12/5/2006
LCS-31930	Zinc	mg/L	6020	1.052	1	0.005493	105	80-120				12/5/2006
LCS-31931	Iron	mg/L	6010B	1.098	1	0	110	75-125				12/13/2006
LCS-31931	Manganese	mg/L	6010B	0.2129	0.2	0	106	75-125				12/13/2006
LCS-31930	Aluminum	mg/L	6010B	1.151	1	0	115	75-125				12/13/2006
LCS-31930	Boron	mg/L	6010B	1.089	1	0	109	75-125				12/13/2006
LCS-31930	Calcium	mg/L	6010B	10.99	10	0	110	75-125				12/13/2006
LCS-31930	Iron	mg/L	6010B	1.111	1	0	111	75-125				12/13/2006
LCS-31930	Magnesium	mg/L	6010B	11.04	10	0	110	75-125				12/13/2006
LCS-31930	Molybdenum	mg/L	6010B	0.2096	0.2	0	105	75-125				12/13/2006
LCS-31930	Potassium	mg/L	6010B	10.67	10	0	107	75-125				12/13/2006
LCS-31930	Sodium	mg/L	6010B	10.64	10	0	106	75-125				12/13/2006

All analyses applicable to CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and analysis in good faith and according to the rules of trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-31930	Arsenic	mg/L	6020	< 0.0050				-				12/5/2006
MB-31930	Cadmium	mg/L	6020	< 0.0040				-				12/5/2006
MB-31930	Copper	mg/L	6020	< 0.0040				-				12/5/2006
MB-31930	Lead	mg/L	6020	< 0.0050				-				12/5/2006
MB-31930	Manganese	mg/L	6020	< 0.0050				-				12/5/2006
MB-31930	Selenium	mg/L	6020	< 0.0050				-				12/5/2006
MB-31930	Zinc	mg/L	6020	< 0.010				-				12/5/2006
MB-31931	Iron	mg/L	6010B	< 0.050				-				12/13/2006
MB-31931	Manganese	mg/L	6010B	< 0.0050				-				12/13/2006
MB-31930	Aluminum	mg/L	6010B	< 0.10				-				12/13/2006
MB-31930	Boron	mg/L	6010B	< 0.50				-				12/13/2006
MB-31930	Calcium	mg/L	6010B	< 1.0				-				12/13/2006
MB-31930	Iron	mg/L	6010B	< 0.050				-				12/13/2006
MB-31930	Magnesium	mg/L	6010B	< 1.0				-				12/13/2006
MB-31930	Molybdenum	mg/L	6010B	< 0.040				-				12/13/2006
MB-31930	Potassium	mg/L	6010B	< 1.0				-				12/13/2006
MB-31930	Sodium	mg/L	6010B	< 1.0				-				12/13/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75205-01FMS	Arsenic	mg/L	6020	0.2184	0.2	0	109	70-130				12/5/2006
L75205-01FMS	Cadmium	mg/L	6020	0.2084	0.2	0	104	70-130				12/5/2006
L75205-01FMS	Copper	mg/L	6020	0.2036	0.2	0	102	70-130				12/5/2006
L75205-01FMS	Lead	mg/L	6020	0.2019	0.2	0	101	70-130				12/5/2006
L75205-01FMS	Manganese	mg/L	6020	0.2292	0.2	0.02417	103	70-130				12/5/2006
L75205-01FMS	Selenium	mg/L	6020	0.2090	0.2	0.001478	104	70-130				12/5/2006
L75205-01FMS	Zinc	mg/L	6020	1.054	1	0.0106	104	70-130				12/5/2006
L75205-01EMS	Iron	mg/L	6010B	2.508	1	1.448	106	75-125				12/13/2006
L75205-01EMS	Manganese	mg/L	6010B	0.2888	0.2	0.08233	103	75-125				12/13/2006
L75205-01FMS	Calcium	mg/L	6010B	100.6	10	93.92	66.6	75-125			2	12/13/2006
L75205-01FMS	Aluminum	mg/L	6010B	1.139	1	0.0592	108	75-125				12/13/2006
L75205-01FMS	Boron	mg/L	6010B	1.104	1	0.0154	109	75-125				12/13/2006
L75205-01FMS	Iron	mg/L	6010B	1.099	1	0.00789	109	75-125				12/13/2006
L75205-01FMS	Magnesium	mg/L	6010B	27.41	10	17.84	95.7	75-125				12/13/2006
L75205-01FMS	Molybdenum	mg/L	6010B	0.2032	0.2	0	102	75-125				12/13/2006
L75205-01FMS	Potassium	mg/L	6010B	12.99	10	2.094	109	75-125				12/13/2006
L75205-01FMS	Sodium	mg/L	6010B	17.78	10	6.8	110	75-125				12/14/2006

[2] Analyte concentration is too high for accurate spike recovery.

All analyses applicabl[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]s report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member [redacted]ff, or reproduction of this report in connect[redacted]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose ot[redacted]r the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspectio[redacted]nalysis in good faith and according to the r[redacted]e trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75205-01FMSD	Arsenic	mg/L	6020	0.2196	0.2	0	110	70-130	0.537	20		12/5/2006
L75205-01FMSD	Cadmium	mg/L	6020	0.2129	0.2	0	106	70-130	2.11	20		12/5/2006
L75205-01FMSD	Copper	mg/L	6020	0.2147	0.2	0	107	70-130	5.31	20		12/5/2006
L75205-01FMSD	Lead	mg/L	6020	0.2101	0.2	0	105	70-130	3.99	20		12/5/2006
L75205-01FMSD	Manganese	mg/L	6020	0.2375	0.2	0.02417	107	70-130	3.55	20		12/5/2006
L75205-01FMSD	Selenium	mg/L	6020	0.2164	0.2	0.001478	107	70-130	3.46	20		12/5/2006
L75205-01FMSD	Zinc	mg/L	6020	1.064	1	0.0106	105	70-130	0.927	20		12/5/2006
L75205-01EMSD	Iron	mg/L	6010B	2.551	1	1.448	110	75-125	1.71	20		12/13/2006
L75205-01EMSD	Manganese	mg/L	6010B	0.2863	0.2	0.08233	102	75-125	0.871	20		12/13/2006
L75205-01FMSD	Calcium	mg/L	6010B	101.4	10	93.92	75.0	75-125	0.824	20	2	12/13/2006
L75205-01FMSD	Aluminum	mg/L	6010B	1.159	1	0.0592	110	75-125	1.73	20		12/13/2006
L75205-01FMSD	Boron	mg/L	6010B	1.119	1	0.0154	110	75-125	1.35	20		12/13/2006
L75205-01FMSD	Iron	mg/L	6010B	1.098	1	0.00789	109	75-125	0.140	20		12/13/2006
L75205-01FMSD	Magnesium	mg/L	6010B	27.42	10	17.84	95.8	75-125	0.0426	20		12/13/2006
L75205-01FMSD	Molybdenum	mg/L	6010B	0.2091	0.2	0	105	75-125	2.85	20		12/13/2006
L75205-01FMSD	Potassium	mg/L	6010B	12.82	10	2.094	107	75-125	1.36	20		12/13/2006
L75205-01FMSD	Sodium	mg/L	6010B	17.64	10	6.8	108	75-125	0.794	20		12/14/2006

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75162-01CDUP	TDS	mg/L	160.1	5120	0	4960		-	3.17	20		12/1/2006
L75190-02DDUP	TDS	mg/L	160.1	1116	0	1088		-	2.54	20		12/1/2006
L75193-01DDUP	TDS	mg/L	160.1	1760	0	1736		-	1.37	20		12/1/2006
L75205-01ADUP	TDS	mg/L	160.1	300.0	0	280		-	6.90	20		12/1/2006
L75196-01ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		12/1/2006
L75205-01ADUP	TSS	mg/L	160.2	48.00	0	47		-	2.11	20		12/1/2006

All analyses applicable to [illegible]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached CO[illegible]report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of [illegible]or reproduction of this report in connection[illegible]dvertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose othe[illegible]he addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection a[illegible]ysis in good faith and according to the ru[illegible]ode and of science.

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R64377	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				12/4/2006
LCS-R64386	Chloride	mg/L	300.0	5.015	5	0	100	90-110				12/1/2006
LCS-R64386	Sulfate	mg/L	300.0	5.327	5	0	107	90-110				12/1/2006
LCS-R64393	Acidity	mg/L	305.1	50.00	50	0	100	80-120				12/4/2006
LCS-31900	Ammonia (as N)	mg/L	350.1	1.006	1	0	101	90-110				12/5/2006
LCS-64336	Nitrite (as N)	mg/L	353.2	1.051	1	0	105	90-110				12/1/2006
LCS-64337	Nitrate (as N)	mg/L	353.2	1.007	1	0	101	90-110				12/1/2006
LCS-R64408	Oil & Grease	mg/L	EPA 1664	42.90	40	0	107	79-114				12/4/2006
LCS-64321	Phosphate, ortho (as P)	mg/L	365.1	0.9870	1	0	98.7	90-110				12/1/2006
LCS-R64411	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				12/1/2006
LCS-R64389	TSS	mg/L	160.2	100.0	100	0	100	80-120				12/1/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R64377	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				12/4/2006
MB-R64377	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				12/4/2006
MB-R64377	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				12/4/2006
MB-R64386	Chloride	mg/L	300.0	< 1.0				-				12/1/2006
MB-R64386	Sulfate	mg/L	300.0	< 1.0				-				12/1/2006
MB-R64393	Acidity	mg/L	305.1	< 15				-				12/4/2006
MB-31900	Ammonia (as N)	mg/L	350.1	< 0.050				-				12/5/2006
MB-64336	Nitrite (as N)	mg/L	353.2	< 0.010				-				12/1/2006
MB-64337	Nitrate (as N)	mg/L	353.2	< 0.010				-				12/1/2006
MB-R64408	Oil & Grease	mg/L	EPA 1664	< 3.0				-				12/4/2006
MB-64321	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				12/1/2006
MB-R64411	TDS	mg/L	160.1	< 10				-				12/1/2006
MB-R64389	TSS	mg/L	160.2	< 3.0				-				12/1/2006

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75190-02CMS	Alkalinity,(As CaCO3)	mg/L	2320B	617.0	100	511	106	80-120				12/4/2006
L75193-01CMS	Alkalinity,(As CaCO3)	mg/L	2320B	471.0	100	375	96.0	80-120				12/4/2006
L75205-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	359.0	100	263	96.0	80-120				12/4/2006
L75190-02CMS	Chloride	mg/L	300.0	862.7	500	348.2	103	90-110				12/1/2006
L75190-02CMS	Sulfate	mg/L	300.0	63.57	50	17.35	92.4	90-110				12/1/2006
L75193-01CMS	Sulfate	mg/L	300.0	832.6	500	227.3	121	90-110			[1]	12/2/2006
L75205-01BMS	Chloride	mg/L	300.0	35.42	25	9.667	103	90-110				12/2/2006
L75205-01BMS	Sulfate	mg/L	300.0	49.31	25	24.08	101	90-110				12/2/2006
L75205-01BMS	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120				12/4/2006
L75190-02FMS	Ammonia (as N)	mg/L	350.1	12.09	1	10.87	122	90-110			[2]	12/5/2006
L75193-01FMS	Ammonia (as N)	mg/L	350.1	0.9900	1	0	99.0	90-110				12/5/2006
L75205-01CMS	Ammonia (as N)	mg/L	350.1	1.060	1	0.097	96.3	90-110				12/5/2006
L75205-01BMS	Nitrite (as N)	mg/L	353.2	0.9400	1	0.007	93.3	90-110			H	12/1/2006
L75190-02CMS	Nitrate (as N)	mg/L	353.2	0.9380	1	0	93.8	90-110				12/1/2006
L75193-01CMS	Nitrate (as N)	mg/L	353.2	5.240	1	4.271	96.9	90-110				12/1/2006
L75205-01BMS	Nitrate (as N)	mg/L	353.2	1.569	1	0.653	91.6	90-110			H	12/1/2006
L75205-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.109	1	0.03	108	90-110			H	12/1/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
[2] Analyte concentration is too high for accurate spike recovery.
H - Sample was received outside of holding time.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75190-02CMSD	Alkalinity,(As CaCO3)	mg/L	2320B	612.0	100	511	101	80-120	0.814	10		12/4/2006
L75193-01CMSD	Alkalinity,(As CaCO3)	mg/L	2320B	476.0	100	375	101	80-120	1.06	10		12/4/2006
L75205-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	356.0	100	263	93.0	80-120	0.839	10		12/4/2006
L75190-02CMSD	Chloride	mg/L	300.0	860.1	500	348.2	102	90-110	0.298	20		12/1/2006
L75190-02CMSD	Sulfate	mg/L	300.0	63.16	50	17.35	91.6	90-110	0.650	20		12/1/2006
L75193-01CMSD	Sulfate	mg/L	300.0	795.2	500	227.3	114	90-110	4.59	20	[1]	12/2/2006
L75205-01BMSD	Chloride	mg/L	300.0	35.21	25	9.667	102	90-110	0.592	20		12/2/2006
L75205-01BMSD	Sulfate	mg/L	300.0	48.85	25	24.08	99.1	90-110	0.925	20		12/2/2006
L75205-01BMSD	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120	4.26	20		12/4/2006
L75190-02FMSD	Ammonia (as N)	mg/L	350.1	12.15	1	10.87	128	90-110	0.495	10	[2]	12/5/2006
L75193-01FMSD	Ammonia (as N)	mg/L	350.1	1.031	1	0	103	90-110	4.06	10		12/5/2006
L75205-01CMSD	Ammonia (as N)	mg/L	350.1	1.032	1	0.097	93.5	90-110	2.68	10		12/5/2006
L75205-01BMSD	Nitrite (as N)	mg/L	353.2	0.8250	1	0.007	81.8	90-110	13.0	10	[1]@H	12/1/2006
L75190-02CMSD	Nitrate (as N)	mg/L	353.2	0.9500	1	0	95.0	90-110	1.27	10		12/1/2006
L75193-01CMSD	Nitrate (as N)	mg/L	353.2	5.332	1	4.271	106	90-110	1.74	10		12/1/2006
L75205-01BMSD	Nitrate (as N)	mg/L	353.2	1.604	1	0.653	95.1	90-110	2.21	10	H	12/1/2006
L75205-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.086	1	0.03	106	90-110	2.10	10	H	12/1/2006

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

[2] Analyte concentration is too high for accurate spike recovery.

H - Sample was received outside of holding time.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R64408	Oil & Grease	mg/L	EPA 1664	39.10	40	0	97.8	79-114				12/4/2006

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Kyle F. Gross
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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75205
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R64408	Oil & Grease	mg/L	EPA 1664	39.80	40	0	99.5	79-114	1.77	18		12/4/2006

All analyses applicable to [redacted]A, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached CO[redacted]eport is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member [redacted] or reproduction of this report in connection[redacted]dvertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose othe[redacted]he addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection [redacted]lysis in good faith and according to the rul[redacted]ide and of science.

American West Analytical Labs

WORK ORDER Summary

01-Dec-06

Work Order L75205

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:** HOK-DB **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L75205-01A	Miller Outlet	11/28/2006 5:00:00 PM	12/1/2006	12/15/2006	Aqueous	SS	ww - tss/tds/ss	1
				12/15/2006		TDS-W	ww - tss/tds/ss	1
				12/15/2006		TSS-W	ww - tss/tds/ss	1
L75205-01B				12/15/2006		2320B-ALK-W	dec 1 - wc	1
				12/15/2006		300.0-W	dec 1 - wc	1
				12/15/2006		ACIDITY-W	dec 1 - wc	1
				12/15/2006		NO2-W	dec 1 - wc	1
				12/15/2006		NO3-W	dec 1 - wc	1
				12/15/2006		PO4-O	dec 1 - wc	1
L75205-01C				12/15/2006		NH3-W	dec 1 - nh3	1
				12/15/2006		NH3-W-PREP	dec 1 - nh3	1
L75205-01D				12/15/2006		OGB-W	OGBFridge	1
L75205-01E				12/15/2006		3005A-ICPMS	dec 1 - met	1
				12/15/2006		ICP-W	dec 1 - met	1
L75205-01F				12/15/2006	Aqueous-Dissolved	3005A-Diss	dec 1 - met	1
				12/15/2006		6020-W-DISS	dec 1 - met	1
				12/15/2006		HARD	dec 1 - met	1
				12/15/2006		ICP-W-DIS	dec 1 - met	1

Client CARBON RESOURCES / ROCK LOGIC

Address PO BOX 544

CEDAREDGE CO 81413
City State Zip

Phone 435-851-9044 Fax

Contact BRAD LINDSAY

E-mail lindsay.brad@gmail.com

Project Name Scofield Baseline

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 75205

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3										COMMENTS
MILLER OUTLET	11-28-06/17:00	W	6	X										

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes: UPS

2 Ambient or (Chilled)
Notes:

3 Temperature 2.5°

4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:

5 Properly Preserved
(Y) N
Notes:

6 Received Within Holding Times
(Y) N
Notes:

COC Tape Was:

1 Present on Outer Package
(Y) N NA

2 Unbroken on Outer Package
(Y) N NA

3 Present on Sample
Y N (NA)

4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 9:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 12/1/06	Received By: Signature
PRINT NAME	Time 1000	PRINT NAME Elma Hayward

Special Instructions:

PLEASE FILTER FOR

DISOLVED METALS

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 75205

Preservation Check Sheet

Bottle Type	Preservative	All OK	Sample Set Extension and pH: Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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January 09, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX

RE: Scofield Baseline

Lab Set ID: L75586

Dear Brad Lindsay:

American West Analytical Labs received 3 samples on 12/28/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75586-01E
Field Sample ID: **Mud Creek**
Collected: 12/26/2006 5:45:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/3/2007 1:24:16 PM	6010B	0.050	**0.58**
Manganese	mg/L	1/3/2007 1:24:16 PM	6010B	0.0050	**0.040**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75586-02E
Field Sample ID: **Sulfur Spring**
Collected: 12/26/2006 5:20:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/3/2007 1:32:21 PM	6010B	0.050	< 0.050
Manganese	mg/L	1/3/2007 1:32:21 PM	6010B	0.0050	**0.026**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L75586-03E
Field Sample ID: **Miller Outlet**
Collected: 12/26/2006 5:00:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/3/2007 1:48:40 PM	6010B	0.050	**2.1**
Manganese	mg/L	1/3/2007 1:48:40 PM	6010B	0.0050	**0.11**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75586-01F
Field Sample ID: **Mud Creek**
Collected: 12/26/2006 5:45:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	1/5/2007 4:04:07 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	1/3/2007 11:43:58 AM	6020	0.0050	< 0.0050	
Boron	mg/L	1/5/2007 4:04:07 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	1/3/2007 11:43:58 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	1/5/2007 10:54:30 AM	6010B	10	**76**	*
Copper	mg/L	1/3/2007 11:43:58 AM	6020	0.0040	< 0.0040	
Iron	mg/L	1/5/2007 4:04:07 PM	6010B	0.050	< 0.050	
Lead	mg/L	1/3/2007 11:43:58 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	1/5/2007 10:54:30 AM	6010B	10	**44**	*
Manganese	mg/L	1/3/2007 11:43:58 AM	6020	0.0050	**0.016**	
Molybdenum	mg/L	1/5/2007 4:04:07 PM	6010B	0.10	< 0.10	
Potassium	mg/L	1/5/2007 4:04:07 PM	6010B	1.0	**7.6**	
Selenium	mg/L	1/3/2007 11:43:58 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	1/5/2007 10:54:30 AM	6010B	10	**45**	*
Zinc	mg/L	1/3/2007 11:43:58 AM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L75586-02F
Field Sample ID: **Sulfur Spring**
Collected: 12/26/2006 5:20:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	1/5/2007 4:19:57 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	1/3/2007 12:21:42 PM	6020	0.0050	< 0.0050	
Boron	mg/L	1/5/2007 4:19:57 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	1/3/2007 12:21:42 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	1/5/2007 11:06:17 AM	6010B	10	**93**	*
Copper	mg/L	1/3/2007 12:21:42 PM	6020	0.0040	< 0.0040	
Iron	mg/L	1/5/2007 4:19:57 PM	6010B	0.050	< 0.050	
Lead	mg/L	1/3/2007 12:21:42 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	1/5/2007 11:06:17 AM	6010B	10	**36**	*
Manganese	mg/L	1/3/2007 12:21:42 PM	6020	0.0050	**0.029**	
Molybdenum	mg/L	1/5/2007 4:19:57 PM	6010B	0.10	< 0.10	
Potassium	mg/L	1/5/2007 4:19:57 PM	6010B	1.0	**5.5**	
Selenium	mg/L	1/3/2007 12:21:42 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	1/5/2007 4:19:57 PM	6010B	1.0	**9.1**	
Zinc	mg/L	1/3/2007 12:21:42 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L75586-03F
Field Sample ID: **Miller Outlet**
Collected: 12/26/2006 5:00:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	1/5/2007 4:23:52 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	1/3/2007 12:27:06 PM	6020	0.0050	< 0.0050	
Boron	mg/L	1/5/2007 4:23:52 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	1/3/2007 12:27:06 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	1/5/2007 11:10:12 AM	6010B	10	**95**	*
Copper	mg/L	1/3/2007 12:27:06 PM	6020	0.0040	< 0.0040	
Iron	mg/L	1/5/2007 4:23:52 PM	6010B	0.050	< 0.050	
Lead	mg/L	1/3/2007 12:27:06 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	1/5/2007 11:10:12 AM	6010B	10	**17**	*
Manganese	mg/L	1/3/2007 12:27:06 PM	6020	0.0050	**0.023**	
Molybdenum	mg/L	1/5/2007 4:23:52 PM	6010B	0.10	< 0.10	
Potassium	mg/L	1/5/2007 4:23:52 PM	6010B	1.0	**1.8**	
Selenium	mg/L	1/3/2007 12:27:06 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	1/5/2007 4:23:52 PM	6010B	1.0	**7.1**	
Zinc	mg/L	1/3/2007 12:27:06 PM	6020	0.010	**0.029**	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab SampleID: L75586-01
Field SampleID: **Mud Creek**
Collected: 12/26/2006 5:45:00 PM
Received: 12/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	1/2/2007 7:00:00 AM	305.1	15	< 15	
Alkalinity,(AsCaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	**240**	
Ammonia (as N)	mg/L	12/29/2006 1:11:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	**220**	
Carbonate (As CaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	**21**	
Chloride	mg/L	1/2/2007 12:21:10 PM	300.0	5.0	**16**	
Hardness (as CaCO3)	mg/L	1/5/2007	2340B	10	**370**	
Nitrate (as N)	mg/L	12/28/2006 11:26:00 AM	353.2	0.010	**0.30**	1
Nitrite (as N)	mg/L	12/28/2006 11:26:00 AM	353.2	0.010	< 0.010	1
Oil & Grease	mg/L	12/29/2006 12:45:00 PM	EPA1664	3.0	**3.5**	
Phosphate, ortho (as P)	mg/L	12/28/2006 1:10:00 PM	365.1	0.050	< 0.050	1
SettableSolids	ml/L	12/28/2006	160.5	0.10	**0.10**	
Sulfate	mg/L	1/2/2007 12:21:10 PM	300.0	50	**150**	1
TDS	mg/L	12/29/2006 3:00:00 PM	160.1	20	**490**	
TSS	mg/L	12/28/2006 3:20:00 PM	160.2	3.0	**33**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab Sample ID: L75586-02
Field Sample ID: **SulfurSpring**
Collected: 12/26/2006 5:20:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	1/2/2007 7:00:00 AM	305.1	15	< 15
Alkalinity,(AsCaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	340
Ammonia (as N)	mg/L	12/29/2006 1:11:00 PM	350.1	0.050	**0.093**
Bicarbonate (As CaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	340
Carbonate (As CaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	10	< 10
Chloride	mg/L	1/2/2007 4:14:07 AM	300.0	1.0	**6.5**
Hardness (as CaCO3)	mg/L	1/5/2007	2340B	10	380
Nitrate (as N)	mg/L	12/28/2006 11:26:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	12/28/2006 11:26:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	12/29/2006 12:45:00 PM	EPA1664	3.0	**3.3**
Phosphate, ortho (as P)	mg/L	12/28/2006 1:10:00 PM	365.1	0.050	< 0.050
SettableSolids	ml/L	12/28/2006	160.5	0.10	< 0.10
Sulfate	mg/L	1/2/2007 4:14:07 AM	300.0	5.0	42
TDS	mg/L	12/29/2006 3:00:00 PM	160.1	20	370
TSS	mg/L	12/28/2006 3:20:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab Sample ID: L75586-03
Field Sample ID: **Miller Outlet**
Collected: 12/26/2006 5:00:00 PM
Received: 12/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	1/2/2007 7:00:00 AM	305.1	15	< 15
Alkalinity,(AsCaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	**280**
Ammonia (as N)	mg/L	12/29/2006 1:11:00 PM	350.1	0.050	**0.067**
Bicarbonate (As CaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	20	**270**
Carbonate (As CaCO3)	mg/L	1/2/2007 6:40:00 AM	2320B	10	**10**
Chloride	mg/L	1/2/2007 5:53:58 AM	300.0	2.0	**11**
Hardness (as CaCO3)	mg/L	1/5/2007	2340B	10	**310**
Nitrate (as N)	mg/L	12/28/2006 11:26:00 AM	353.2	0.010	**0.82**
Nitrite (as N)	mg/L	12/28/2006 11:26:00 AM	353.2	0.010	**0.011**
Oil & Grease	mg/L	12/29/2006 12:45:00 PM	EPA1664	3.0	**4.8**
Phosphate, ortho (as P)	mg/L	12/28/2006 1:10:00 PM	365.1	0.050	**< 0.050**
SettableSolids	ml/L	12/28/2006	160.5	0.10	**0.10**
Sulfate	mg/L	1/2/2007 5:53:58 AM	300.0	5.0	**20**
TDS	mg/L	12/29/2006 3:00:00 PM	160.1	20	**300**
TSS	mg/L	12/28/2006 3:20:00 PM	160.2	3.0	**75**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-32334	Arsenic	mg/L	6020	0.2227	0.2	0	111	80-120				1/3/2007
LCS-32334	Cadmium	mg/L	6020	0.2153	0.2	0	108	80-120				1/3/2007
LCS-32334	Copper	mg/L	6020	0.2103	0.2	0	105	80-120				1/3/2007
LCS-32334	Lead	mg/L	6020	0.2026	0.2	0	101	80-120				1/3/2007
LCS-32334	Manganese	mg/L	6020	0.2101	0.2	0	105	80-120				1/3/2007
LCS-32334	Selenium	mg/L	6020	0.2087	0.2	0	104	80-120				1/3/2007
LCS-32334	Zinc	mg/L	6020	1.097	1	0.004632	109	80-120				1/3/2007
LCS-32335	Iron	mg/L	6010B	1.016	1	0	102	75-125				1/3/2007
LCS-32335	Manganese	mg/L	6010B	0.1913	0.2	0	95.7	75-125				1/3/2007
LCS-32334	Aluminum	mg/L	6010B	1.018	1	0	102	75-125				1/5/2007
LCS-32334	Boron	mg/L	6010B	1.067	1	0	107	75-125				1/5/2007
LCS-32334	Calcium	mg/L	6010B	10.57	10	0	106	75-125				1/5/2007
LCS-32334	Magnesium	mg/L	6010B	10.36	10	0	104	75-125				1/5/2007
LCS-32334	Molybdenum	mg/L	6010B	0.2067	0.2	0	103	75-125				1/5/2007
LCS-32334	Potassium	mg/L	6010B	10.11	10	0	101	75-125				1/5/2007
LCS-32334	Sodium	mg/L	6010B	10.92	10	0	109	75-125				1/5/2007
LCS-32334	Iron	mg/L	6010B	1.070	1	0	107	75-125				1/5/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-32334	Arsenic	mg/L	6020	< 0.0050				-				1/3/2007
MB-32334	Cadmium	mg/L	6020	< 0.0040				-				1/3/2007
MB-32334	Copper	mg/L	6020	< 0.0040				-				1/3/2007
MB-32334	Lead	mg/L	6020	< 0.0050				-				1/3/2007
MB-32334	Manganese	mg/L	6020	< 0.0050				-				1/3/2007
MB-32334	Selenium	mg/L	6020	< 0.0050				-				1/3/2007
MB-32334	Zinc	mg/L	6020	< 0.010				-				1/3/2007
MB-32335	Iron	mg/L	6010B	< 0.050				-				1/3/2007
MB-32335	Manganese	mg/L	6010B	< 0.0050				-				1/3/2007
MB-32334	Aluminum	mg/L	6010B	< 0.10				-				1/5/2007
MB-32334	Boron	mg/L	6010B	< 0.50				-				1/5/2007
MB-32334	Calcium	mg/L	6010B	< 1.0				-				1/5/2007
MB-32334	Magnesium	mg/L	6010B	< 1.0				-				1/5/2007
MB-32334	Molybdenum	mg/L	6010B	< 0.040				-				1/5/2007
MB-32334	Potassium	mg/L	6010B	< 1.0				-				1/5/2007
MB-32334	Sodium	mg/L	6010B	< 1.0				-				1/5/2007
MB-32334	Iron	mg/L	6010B	< 0.050				-				1/5/2007

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75586-01FMS	Arsenic	mg/L	6020	0.2258	0.2	0	113	70-130				1/3/2007
L75586-01FMS	Cadmium	mg/L	6020	0.2137	0.2	0	107	70-130				1/3/2007
L75586-01FMS	Copper	mg/L	6020	0.2171	0.2	0	109	70-130				1/3/2007
L75586-01FMS	Lead	mg/L	6020	0.2028	0.2	0	101	70-130				1/3/2007
L75586-01FMS	Manganese	mg/L	6020	0.2315	0.2	0.01555	108	70-130				1/3/2007
L75586-01FMS	Selenium	mg/L	6020	0.2098	0.2	0	105	70-130				1/3/2007
L75586-01FMS	Zinc	mg/L	6020	1.077	1	0.003491	107	70-130				1/3/2007
L75586-02EMS	Iron	mg/L	6010B	1.020	1	0.01167	101	75-125				1/3/2007
L75586-02EMS	Manganese	mg/L	6010B	0.2129	0.2	0.02627	93.3	75-125				1/3/2007
L75586-01FMS	Calcium	mg/L	6010B	83.35	10	75.74	76.1	75-125				1/5/2007
L75586-01FMS	Magnesium	mg/L	6010B	53.07	10	44.43	86.4	75-125				1/5/2007
L75586-01FMS	Sodium	mg/L	6010B	52.62	10	44.7	79.3	75-125				1/5/2007
L75586-01FMS	Aluminum	mg/L	6010B	1.073	1	0	107	75-125				1/5/2007
L75586-01FMS	Boron	mg/L	6010B	1.362	1	0.1502	121	75-125				1/5/2007
L75586-01FMS	Iron	mg/L	6010B	1.092	1	0.01152	108	75-125				1/5/2007
L75586-01FMS	Molybdenum	mg/L	6010B	0.2234	0.2	0	112	75-125				1/5/2007
L75586-01FMS	Potassium	mg/L	6010B	20.03	10	7.64	124	75-125				1/5/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75586-01FMSD	Arsenic	mg/L	6020	0.2261	0.2	0	113	70-130	0.120	20		1/3/2007
L75586-01FMSD	Cadmium	mg/L	6020	0.2123	0.2	0	106	70-130	0.640	20		1/3/2007
L75586-01FMSD	Copper	mg/L	6020	0.2170	0.2	0	108	70-130	0.0838	20		1/3/2007
L75586-01FMSD	Lead	mg/L	6020	0.2059	0.2	0	103	70-130	1.52	20		1/3/2007
L75586-01FMSD	Manganese	mg/L	6020	0.2335	0.2	0.01555	109	70-130	0.843	20		1/3/2007
L75586-01FMSD	Selenium	mg/L	6020	0.2105	0.2	0	105	70-130	0.322	20		1/3/2007
L75586-01FMSD	Zinc	mg/L	6020	1.080	1	0.003491	108	70-130	0.254	20		1/3/2007
L75586-02EMSD	Iron	mg/L	6010B	0.9799	1	0.01167	96.8	75-125	4.00	20		1/3/2007
L75586-02EMSD	Manganese	mg/L	6010B	0.2012	0.2	0.02627	87.4	75-125	5.66	20		1/3/2007
L75586-01FMSD	Calcium	mg/L	6010B	86.20	10	75.74	105	75-125	3.36	20		1/5/2007
L75586-01FMSD	Magnesium	mg/L	6010B	53.67	10	44.43	92.4	75-125	1.13	20		1/5/2007
L75586-01FMSD	Sodium	mg/L	6010B	54.31	10	44.7	96.2	75-125	3.16	20		1/5/2007
L75586-01FMSD	Aluminum	mg/L	6010B	0.9916	1	0	99.2	75-125	7.84	20		1/5/2007
L75586-01FMSD	Boron	mg/L	6010B	1.285	1	0.1502	113	75-125	5.86	20		1/5/2007
L75586-01FMSD	Iron	mg/L	6010B	1.103	1	0.01152	109	75-125	0.986	20		1/5/2007
L75586-01FMSD	Molybdenum	mg/L	6010B	0.2131	0.2	0	107	75-125	4.70	20		1/5/2007
L75586-01FMSD	Potassium	mg/L	6010B	20.08	10	7.64	124	75-125	0.255	20		1/5/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75568-03DDUP	TDS	mg/L	160.1	1752	0	1784		-	1.81	20		12/29/2006
L75586-03ADUP	TDS	mg/L	160.1	292.0	0	304		-	4.03	20		12/29/2006
L75595-01BDUP	TDS	mg/L	160.1	5820	0	5880		-	1.03	20		12/29/2006
L75573-02ADUP	TSS	mg/L	160.2	520.0	0	515		-	0.966	20		12/28/2006
L75578-02ADUP	TSS	mg/L	160.2	8.000	0	8		-	0	20		12/28/2006
L75586-02ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		12/28/2006
L75595-01ADUP	TSS	mg/L	160.2	29.00	0	27		-	7.14	20		12/28/2006

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R65146	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				1/2/2007
LCS-R65183	Chloride	mg/L	300.0	5.088	5	0.033	101	90-110				1/2/2007
LCS-R65183	Sulfate	mg/L	300.0	4.874	5	0	97.5	90-110				1/2/2007
LCS-R65147	Acidity	mg/L	305.1	50.00	50	0	100	80-120				1/2/2007
LCS-32308	Ammonia (as N)	mg/L	350.1	0.9950	1	0	99.5	90-110				12/29/2006
LCS-65090	Nitrite (as N)	mg/L	353.2	1.025	1	0	103	90-110				12/28/2006
LCS-65091	Nitrate (as N)	mg/L	353.2	0.9820	1	0	98.2	90-110				12/28/2006
LCS-R65130	Oil & Grease	mg/L	EPA 1664	44.00	40	0	110	79-114				12/29/2006
LCS-65093	Phosphate, ortho (as P)	mg/L	365.1	1.063	1	0	106	90-110				12/28/2006
LCS-R65179	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				12/29/2006
LCS-R65140	TSS	mg/L	160.2	104.0	100	0	104	80-120				12/28/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R65146	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				1/2/2007
MB-R65146	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				1/2/2007
MB-R65146	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				1/2/2007
MB-R65183	Chloride	mg/L	300.0	< 1.0				-				1/2/2007
MB-R65183	Sulfate	mg/L	300.0	< 1.0				-				1/2/2007
MB-R65147	Acidity	mg/L	305.1	< 15				-				1/2/2007
MB-32308	Ammonia (as N)	mg/L	350.1	< 0.050				-				12/29/2006
MB-65090	Nitrite (as N)	mg/L	353.2	< 0.010				-				12/28/2006
MB-65091	Nitrate (as N)	mg/L	353.2	< 0.010				-				12/28/2006
MB-R65130	Oil & Grease	mg/L	EPA 1664	< 3.0				-				12/29/2006
MB-65093	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				12/28/2006
MB-R65179	TDS	mg/L	160.1	< 10				-				12/29/2006
MB-SPLP-32279	TDS	mg/L	160.1	< 10				-				12/29/2006
MB-R65140	TSS	mg/L	160.2	< 3.0				-				12/28/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75586-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	347.0	100	244	103	80-120				1/2/2007
L75586-01BMS	Chloride	mg/L	300.0	40.56	25	15.53	100	90-110				1/2/2007
L75586-01BMS	Sulfate	mg/L	300.0	418.3	250	149	108	90-110				1/2/2007
L75586-01BMS	Acidity	mg/L	305.1	50.00	50	0	100	80-120				1/2/2007
L75586-01CMS	Ammonia (as N)	mg/L	350.1	0.9900	1	0	99.0	90-110				12/29/2006
L75586-01BMS	Nitrite (as N)	mg/L	353.2	1.071	1	0	107	90-110				12/28/2006
L75586-01BMS	Nitrate (as N)	mg/L	353.2	1.393	1	0.304	109	90-110				12/28/2006
L75586-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.291	1	0	129	90-110			1	12/28/2006

1 Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicable [illegible]CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [illegible]this report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any memb[illegible]staff, or reproduction of this report in connecti[illegible]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [illegible]for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspec[illegible]r analysis in good faith and according to the r[illegible]e trade and of science.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75586-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	342.0	100	244	98.0	80-120	1.45	10		1/2/2007
L75586-01BMSD	Chloride	mg/L	300.0	40.54	25	15.53	100	90-110	0.0543	20		1/2/2007
L75586-01BMSD	Sulfate	mg/L	300.0	428.1	250	149	112	90-110	2.33	20	1	1/2/2007
L75586-01BMSD	Acidity	mg/L	305.1	50.00	50	0	100	80-120	0	20		1/2/2007
L75586-01CMSD	Ammonia (as N)	mg/L	350.1	0.9970	1	0	99.7	90-110	0.705	10		12/29/2006
L75586-01BMSD	Nitrite (as N)	mg/L	353.2	1.109	1	0	111	90-110	3.49	10	1	12/28/2006
L75586-01BMSD	Nitrate (as N)	mg/L	353.2	1.450	1	0.304	115	90-110	4.01	10	1	12/28/2006
L75586-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.251	1	0	125	90-110	3.15	10	1	12/28/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R65130	Oil & Grease	mg/L	EPA 1664	41.30	40	0	103	79-114				12/29/2006

All analyses applicable [redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]his report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any mem[redacted]taff, or reproduction of this report in connecti[redacted] advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted]or the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspec[redacted] analysis in good faith and according to the r[redacted] trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L75586
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R65130	Oil & Grease	mg/L	EPA 1664	40.80	40	0	102	79-114	1.22	18		12/29/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Labs

WORK ORDER Summary

28-Dec-06

Work Order L75586

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+ **Contact:** Brad Lindsay

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L75586-01A	Mud Creek	12/26/2006 5:45:00 PM	12/28/2006	1/12/2007	Aqueous	SS	ww - tss/tds/ss	1
				1/12/2007		TDS-W	ww - tss/tds/ss	1
				1/12/2007		TSS-W	ww - tss/tds/ss	1
L75586-01B				1/12/2007		2320B-ALK-W	Dec 28 - wc	1
				1/12/2007		300.0-W	Dec 28 - wc	1
				1/12/2007		ACIDITY-W	Dec 28 - wc	1
				1/12/2007		NO2-W	Dec 28 - wc	1
				1/12/2007		NO3-W	Dec 28 - wc	1
				1/12/2007		PO4-O	Dec 28 - wc	1
L75586-01C				1/12/2007		NH3-W	Dec. 28 - nh3	1
				1/12/2007		NH3-W-PREP	Dec. 28 - nh3	1
L75586-01D				1/12/2007		OGB-W	OGBFridge	1
L75586-01E				1/12/2007		3005A-ICPMS	Dec. 28 - met	1
				1/12/2007		ICP-W	Dec. 28 - met	1
L75586-01F				1/12/2007	Aqueous-Dissolved	3005A-Diss	Dec. 28 - met	1
				1/12/2007		6020-W-DISS	Dec. 28 - met	1
				1/12/2007		HARD	Dec. 28 - met	1
				1/12/2007		ICP-W-DIS	Dec. 28 - met	1
L75586-02A	Sulfur Spring	12/26/2006 5:20:00 PM		1/12/2007	Aqueous	SS	ww - tss/tds/ss	1
				1/12/2007		TDS-W	ww - tss/tds/ss	1
				1/12/2007		TSS-W	ww - tss/tds/ss	1
L75586-02B				1/12/2007		2320B-ALK-W	Dec 28 - wc	1
				1/12/2007		300.0-W	Dec 28 - wc	1
				1/12/2007		ACIDITY-W	Dec 28 - wc	1
				1/12/2007		NO2-W	Dec 28 - wc	1
				1/12/2007		NO3-W	Dec 28 - wc	1
				1/12/2007		PO4-O	Dec 28 - wc	1

WORK ORDER Summary

28-Dec-06

Work Order L75586

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L75586-02C	Sulfur Spring	12/26/2006 5:20:00 PM	12/28/2006	1/12/2007	Aqueous	NH3-W	Dec. 28 - nh3	1
				1/12/2007		NH3-W-PREP	Dec. 28 - nh3	1
L75586-02D				1/12/2007		OGB-W	OGBFridge	1
L75586-02E				1/12/2007		3005A-ICPMS	Dec. 28 - met	1
				1/12/2007		ICP-W	Dec. 28 - met	1
L75586-02F				1/12/2007	Aqueous-Dissolved	3005A-Diss	Dec. 28 - met	1
				1/12/2007		6020-W-DISS	Dec. 28 - met	1
				1/12/2007		HARD	Dec. 28 - met	1
				1/12/2007		ICP-W-DIS	Dec. 28 - met	1
L75586-03A	Miller Outlet	12/26/2006 5:00:00 PM		1/12/2007	Aqueous	SS	ww - tss/tds/ss	1
				1/12/2007		TDS-W	ww - tss/tds/ss	1
				1/12/2007		TSS-W	ww - tss/tds/ss	1
L75586-03B				1/12/2007		2320B-ALK-W	Dec 28 - wc	1
				1/12/2007		300.0-W	Dec 28 - wc	1
				1/12/2007		ACIDITY-W	Dec 28 - wc	1
				1/12/2007		NO2-W	Dec 28 - wc	1
				1/12/2007		NO3-W	Dec 28 - wc	1
				1/12/2007		PO4-O	Dec 28 - wc	1
L75586-03C				1/12/2007		NH3-W	Dec. 28 - nh3	1
				1/12/2007		NH3-W-PREP	Dec. 28 - nh3	1
L75586-03D				1/12/2007		OGB-W	OGBFridge	1
L75586-03E				1/12/2007		3005A-ICPMS	Dec. 28 - met	1
				1/12/2007		ICP-W	Dec. 28 - met	1
L75586-03F				1/12/2007	Aqueous-Dissolved	3005A-Diss	Dec. 28 - met	1
				1/12/2007		6020-W-DISS	Dec. 28 - met	1
				1/12/2007		HARD	Dec. 28 - met	1
				1/12/2007		ICP-W-DIS	Dec. 28 - met	1

Client Carbon Resources / Rock Logic Consulting
Address PO Box 544
Cedaredge Co 81413
City State Zip
Phone 435-851-9044 Fax
Contact Brad Lindsay
E-mail Lindsay.brad@gmail.com
Project Name Scofield baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

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CHAIN OF CUSTODY

Lab Sample Set # 75586
Page of

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table	COMMENTS
Mud Creek	12-26-06 17:45	W	6	3	
Sulfer Spring	12-26-06 17:20	W	6	3	
Miller Outlet	12-26-06 17:00	W	6	3	

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 (Shipped) or hand delivered
Notes: UPS
2 Ambient or (Chilled)
Notes:
3 Temperature 0.5°
4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:
5 Properly Preserved
(Y) N
Notes:
6 Received Within Holding Times
(Y) N
Notes:

COC Tape Was:
1 Present on Outer Package
(Y) N NA
2 Unbroken on Outer Package
(Y) N NA
3 Present on Sample
Y (N) NA
4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME: Brad Lindsay BRAD LINDSAY	Time 16:00	PRINT NAME UPS
Relinquished By: Signature UPS	Date	Received By: Signature Denise Bruun 12/28/06
PRINT NAME	Time	PRINT NAME Denise Bruun 9:33
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:
please filter for dissolved metals

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 75586

Preservation Check Sheet

Bottle Type	Preservative	All OK	Sample Set Extension and pH: Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested.
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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February 06, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L69847

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 1/23/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L69847-01F
Field Sample ID: **Angle Spring**
Collected: 1/22/2006 6:00:00 PM
Received: 1/23/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/4/2006 3:47:42 PM	6010B	0.10	< 0.10
Arsenic	mg/L	1/31/2006 12:03:47 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/4/2006 3:47:42 PM	6010B	0.50	< 0.50
Cadmium	mg/L	1/31/2006 12:03:47 PM	6020	0.0040	**0.088**
Calcium	mg/L	2/4/2006 3:47:42 PM	6010B	10	**100**
Copper	mg/L	1/31/2006 12:03:47 PM	6020	0.0040	**0.020**
Iron	mg/L	2/4/2006 3:47:42 PM	6010B	0.050	< 0.050
Lead	mg/L	1/31/2006 12:03:47 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/4/2006 3:47:42 PM	6010B	10	**19**
Manganese	mg/L	1/31/2006 12:03:47 PM	6020	0.0050	**0.012**
Molybdenum	mg/L	2/4/2006 3:47:42 PM	6010B	0.10	< 0.10
Potassium	mg/L	2/4/2006 3:47:42 PM	6010B	1.0	**1.5**
Selenium	mg/L	1/31/2006 12:03:47 PM	6020	0.0050	**0.052**
Sodium	mg/L	2/4/2006 3:47:42 PM	6010B	1.0	**9.4**
Zinc	mg/L	1/31/2006 12:03:47 PM	6020	0.010	**0.091**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-02F
Field Sample ID: **Eagle Outlet**
Collected: 1/23/2006 8:30:00 AM
Received: 1/23/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/4/2006 4:03:28 PM	6010B	0.10	< 0.10
Arsenic	mg/L	1/31/2006 12:09:10 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/4/2006 4:03:28 PM	6010B	0.50	< 0.50
Cadmium	mg/L	1/31/2006 12:09:10 PM	6020	0.0040	**0.053**
Calcium	mg/L	2/4/2006 4:03:28 PM	6010B	10	**98**
Copper	mg/L	1/31/2006 12:09:10 PM	6020	0.0040	**0.0063**
Iron	mg/L	2/4/2006 4:03:28 PM	6010B	0.050	< 0.050
Lead	mg/L	1/31/2006 12:09:10 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/4/2006 4:03:28 PM	6010B	10	**17**
Manganese	mg/L	1/31/2006 12:09:10 PM	6020	0.0050	**0.071**
Molybdenum	mg/L	2/4/2006 4:03:28 PM	6010B	0.10	< 0.10
Potassium	mg/L	2/4/2006 4:03:28 PM	6010B	1.0	**1.9**
Selenium	mg/L	1/31/2006 12:09:10 PM	6020	0.0050	**0.031**
Sodium	mg/L	2/4/2006 4:03:28 PM	6010B	1.0	**6.6**
Zinc	mg/L	1/31/2006 12:09:10 PM	6020	0.010	**0.090**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-03F
Field Sample ID: **Sulfur Spring**
Collected: 1/23/2006 9:00:00 AM
Received: 1/23/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/4/2006 4:07:22 PM	6010B	0.10	< 0.10
Arsenic	mg/L	1/31/2006 12:14:30 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/4/2006 4:07:22 PM	6010B	0.50	< 0.50
Cadmium	mg/L	1/31/2006 12:14:30 PM	6020	0.0040	< 0.0040
Calcium	mg/L	2/4/2006 4:07:22 PM	6010B	10	**89**
Copper	mg/L	1/31/2006 12:14:30 PM	6020	0.0040	< 0.0040
Iron	mg/L	2/4/2006 4:07:22 PM	6010B	0.050	< 0.050
Lead	mg/L	1/31/2006 12:14:30 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/4/2006 4:07:22 PM	6010B	10	**36**
Manganese	mg/L	1/31/2006 12:14:30 PM	6020	0.0050	**0.030**
Molybdenum	mg/L	2/4/2006 4:07:22 PM	6010B	0.10	< 0.10
Potassium	mg/L	2/4/2006 4:07:22 PM	6010B	1.0	**4.7**
Selenium	mg/L	1/31/2006 12:14:30 PM	6020	0.0050	< 0.0050
Sodium	mg/L	2/4/2006 4:07:22 PM	6010B	1.0	**8.4**
Zinc	mg/L	1/31/2006 12:14:30 PM	6020	0.010	**0.029**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-04F
Field Sample ID: **Mud Creek**
Collected: 1/23/2006 9:30:00 AM
Received: 1/23/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/4/2006 4:11:17 PM	6010B	0.10	< 0.10
Arsenic	mg/L	1/31/2006 12:25:17 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/4/2006 4:11:17 PM	6010B	0.50	< 0.50
Cadmium	mg/L	1/31/2006 12:25:17 PM	6020	0.0040	**0.053** [1]
Calcium	mg/L	2/4/2006 4:11:17 PM	6010B	10	**100**
Copper	mg/L	1/31/2006 12:25:17 PM	6020	0.0040	**0.0070**
Iron	mg/L	2/4/2006 4:11:17 PM	6010B	0.050	< 0.050
Lead	mg/L	1/31/2006 12:25:17 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/4/2006 4:11:17 PM	6010B	10	**58**
Manganese	mg/L	1/31/2006 12:25:17 PM	6020	0.0050	**0.037**
Molybdenum	mg/L	2/4/2006 4:11:17 PM	6010B	0.10	< 0.10
Potassium	mg/L	2/4/2006 4:11:17 PM	6010B	1.0	**9.1**
Selenium	mg/L	1/31/2006 12:25:17 PM	6020	0.0050	**0.033**
Sodium	mg/L	2/4/2006 4:11:17 PM	6010B	1.0	**50**
Zinc	mg/L	1/31/2006 12:25:17 PM	6020	0.010	**0.063**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L69847-01E
Field Sample ID: **Angle Spring**
Collected: 1/22/2006 6:00:00 PM
Received: 1/23/2006

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/27/2006 1:06:04 PM	6010B	0.050	< 0.050
Manganese	mg/L	1/30/2006 2:30:36 PM	6020	0.0050	< 0.0050

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-02E
Field Sample ID: **Eagle Outlet**
Collected: 1/23/2006 8:30:00 AM
Received: 1/23/2006

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/27/2006 1:09:58 PM	6010B	0.050	**1.4**
Manganese	mg/L	1/30/2006 2:36:00 PM	6020	0.0050	**0.14**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-03E
Field Sample ID: **Sulfur Spring**
Collected: 1/23/2006 9:00:00 AM
Received: 1/23/2006

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/27/2006 1:13:56 PM	6010B	0.050	< 0.050
Manganese	mg/L	1/30/2006 2:41:25 PM	6020	0.0050	**0.032**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L69847-04E
Field Sample ID: **Mud Creek**
Collected: 1/23/2006 9:30:00 AM
Received: 1/23/2006

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	1/27/2006 1:21:43 PM	6010B	0.050	**0.11**
Manganese	mg/L	1/30/2006 2:52:14 PM	6020	0.0050	**0.030**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-01
Field Sample ID: **Angle Spring**
Collected: 1/22/2006 6:00:00 PM
Received: 1/23/2006

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	01/24/06	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	01/24/06	2320B	10	**300**	
Ammonia (as N)	mg/L	02/01/06	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	01/24/06	2320B	10	**300**	
Carbonate (As CaCO3)	mg/L	01/24/06	2320B	10	< 10	
Chloride	mg/L	01/27/06	300.0	10	**33**	[1]
Hardness (as CaCO3)	mg/L	01/27/06	2340B	10	**330**	
Nitrate (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	**1.1**	[1]@
Nitrite (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	< 0.010	
Oil & Grease	mg/L	01/24/06	EPA 1664	3.0	**4.8**	
Phosphate, ortho (as P)	mg/L	01/24/06 8:43 am	365.1	0.050	< 0.050	
Settable Solids	ml/L	01/24/06 10:45 am	160.5	0.10	< 0.10	
Sulfate	mg/L	01/27/06	300.0	2.0	**16**	
TDS	mg/L	01/24/06	160.1	10	**350**	
TSS	mg/L	01/24/06	160.2	3.0	< 3.0	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-02
Field Sample ID: **Eagle Outlet**
Collected: 1/23/2006 8:30:00 AM
Received: 1/23/2006

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	01/24/06	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	01/24/06	2320B	10	**300**
Ammonia (as N)	mg/L	02/01/06	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	01/24/06	2320B	10	**300**
Carbonate (As CaCO3)	mg/L	01/24/06	2320B	10	< 10
Chloride	mg/L	01/27/06	300.0	2.0	**10**
Hardness (as CaCO3)	mg/L	01/27/06	2340B	10	**310**
Nitrate (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	**0.67**
Nitrite (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	01/24/06	EPA 1664	3.0	**3.9**
Phosphate, ortho (as P)	mg/L	01/24/06 8:43 am	365.1	0.050	< 0.050
Settable Solids	ml/L	01/24/06 10:45 am	160.5	0.10	**0.10**
Sulfate	mg/L	01/27/06	300.0	10	**26**
TDS	mg/L	01/24/06	160.1	10	**310**
TSS	mg/L	01/24/06	160.2	3.0	**58**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-03
Field Sample ID: **Sulfur Spring**
Collected: 1/23/2006 9:00:00 AM
Received: 1/23/2006

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	01/24/06	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	01/24/06	2320B	10	**350**
Ammonia (as N)	mg/L	02/01/06	350.1	0.050	**0.059**
Bicarbonate (As CaCO3)	mg/L	01/24/06	2320B	10	**350**
Carbonate (As CaCO3)	mg/L	01/24/06	2320B	10	< 10
Chloride	mg/L	01/27/06	300.0	1.0	**6.4**
Hardness (as CaCO3)	mg/L	01/27/06	2340B	10	**360**
Nitrate (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	< 0.010
Oil & Grease	mg/L	01/24/06	EPA 1664	3.0	**4.3**
Phosphate, ortho (as P)	mg/L	01/24/06 8:43 am	365.1	0.050	< 0.050
Settable Solids	ml/L	01/24/06 10:45 am	160.5	0.10	< 0.10
Sulfate	mg/L	01/27/06	300.0	10	**44**
TDS	mg/L	01/24/06	160.1	10	**380**
TSS	mg/L	01/24/06	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L69847-04
Field Sample ID: **Mud Creek**
Collected: 1/23/2006 9:30:00 AM
Received: 1/23/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	01/24/06	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	01/24/06	2320B	10	**280**	
Ammonia (as N)	mg/L	02/01/06	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	01/24/06	2320B	10	**280**	
Carbonate (As CaCO3)	mg/L	01/24/06	2320B	10	< 10	
Chloride	mg/L	01/27/06	300.0	5.0	**16**	
Hardness (as CaCO3)	mg/L	01/27/06	2340B	10	**480**	
Nitrate (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	**0.44**	
Nitrite (as N)	mg/L	01/24/06 12:05 pm	353.2	0.010	< 0.010	
Oil & Grease	mg/L	01/24/06	EPA 1664	3.0	**4.8**	
Phosphate, ortho (as P)	mg/L	01/24/06 8:43 am	365.1	0.050	< 0.050	
Settable Solids	ml/L	01/24/06 10:45 am	160.5	0.10	< 0.10	
Sulfate	mg/L	01/27/06	300.0	50	**290**	
TDS	mg/L	01/24/06	160.1	10	**720**	
TSS	mg/L	01/24/06	160.2	3.0	**4.0**	*

** High RPD due to low analyte concentration. In this range, high RPD's may be expected.*

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-26894	Manganese	mg/L	6020	0.1892	0.2	0	94.6	85-115				1/30/2006
LCS-26893	Arsenic	mg/L	6020	0.2183	0.2	0	109	85-115				1/31/2006
LCS-26893	Cadmium	mg/L	6020	0.2271	0.2	0	114	85-115				1/31/2006
LCS-26893	Copper	mg/L	6020	0.1986	0.2	0	99.3	85-115				1/31/2006
LCS-26893	Lead	mg/L	6020	0.1934	0.2	0	96.7	85-115				1/31/2006
LCS-26893	Manganese	mg/L	6020	0.2011	0.2	0	101	85-115				1/31/2006
LCS-26893	Selenium	mg/L	6020	0.2298	0.2	0	115	85-115				1/31/2006
LCS-26893	Zinc	mg/L	6020	1.047	1	0	105	85-115				1/31/2006
LCS-26894	Iron	mg/L	6010B	0.9996	1	0	100	75-125				1/27/2006
LCS-27019	Aluminum	mg/L	6010B	1.042	1	0	104	75-125				2/4/2006
LCS-27019	Boron	mg/L	6010B	1.040	1	0	104	75-125				2/4/2006
LCS-27019	Calcium	mg/L	6010B	10.36	10	0	104	75-125				2/4/2006
LCS-27019	Iron	mg/L	6010B	1.053	1	0	105	75-125				2/4/2006
LCS-27019	Magnesium	mg/L	6010B	10.25	10	0	102	75-125				2/4/2006
LCS-27019	Molybdenum	mg/L	6010B	0.2060	0.2	0	103	75-125				2/4/2006
LCS-27019	Potassium	mg/L	6010B	9.939	10	0	99.4	75-125				2/4/2006
LCS-27019	Sodium	mg/L	6010B	9.789	10	0	97.9	75-125				2/4/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-26894	Manganese	mg/L	6020	< 0.0050				-				1/30/2006
MB-26893	Arsenic	mg/L	6020	< 0.0050				-				1/31/2006
MB-26893	Cadmium	mg/L	6020	< 0.0040				-				1/31/2006
MB-26893	Copper	mg/L	6020	< 0.0040				-				1/31/2006
MB-26893	Lead	mg/L	6020	< 0.0050				-				1/31/2006
MB-26893	Manganese	mg/L	6020	< 0.0050				-				1/31/2006
MB-26893	Selenium	mg/L	6020	< 0.0050				-				1/31/2006
MB-26893	Zinc	mg/L	6020	< 0.010				-				1/31/2006
MB-26894	Iron	mg/L	6010B	< 0.050				-				1/27/2006
MB-27019	Aluminum	mg/L	6010B	< 0.10				-				2/4/2006
MB-27019	Boron	mg/L	6010B	< 0.50				-				2/4/2006
MB-27019	Calcium	mg/L	6010B	< 1.0				-				2/4/2006
MB-27019	Iron	mg/L	6010B	< 0.050				-				2/4/2006
MB-27019	Magnesium	mg/L	6010B	< 1.0				-				2/4/2006
MB-27019	Molybdenum	mg/L	6010B	< 0.10				-				2/4/2006
MB-27019	Potassium	mg/L	6010B	< 1.0				-				2/4/2006
MB-27019	Sodium	mg/L	6010B	< 1.0				-				2/4/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69847-04EMS	Manganese	mg/L	6020	0.2128	0.2	0.03037	91.2	70-130				1/30/2006
L69847-04FMS	Arsenic	mg/L	6020	0.2017	0.2	0.00126	100	70-130				1/31/2006
L69847-04FMS	Cadmium	mg/L	6020	0.1859	0.2	0.05297	66.5	70-130			[1]	1/31/2006
L69847-04FMS	Copper	mg/L	6020	0.1749	0.2	0.006976	83.9	70-130				1/31/2006
L69847-04FMS	Lead	mg/L	6020	0.1797	0.2	0.001615	89.0	70-130				1/31/2006
L69847-04FMS	Manganese	mg/L	6020	0.2066	0.2	0.03657	85.0	70-130				1/31/2006
L69847-04FMS	Selenium	mg/L	6020	0.1973	0.2	0.03324	82.1	70-130				1/31/2006
L69847-04FMS	Zinc	mg/L	6020	0.9630	1	0.06329	90.0	70-130				1/31/2006
L69847-04EMS	Iron	mg/L	6010B	1.106	1	0.1096	99.7	75-125				1/27/2006
L69847-01FMS	Aluminum	mg/L	6010B	1.066	1	0.09681	96.9	75-125				2/4/2006
L69847-01FMS	Boron	mg/L	6010B	1.023	1	0	102	75-125				2/4/2006
L69847-01FMS	Calcium	mg/L	6010B	110.1	10	101.5	86.0	75-125				2/4/2006
L69847-01FMS	Iron	mg/L	6010B	1.021	1	0.01913	100	75-125				2/4/2006
L69847-01FMS	Magnesium	mg/L	6010B	26.85	10	19.26	75.9	75-125				2/4/2006
L69847-01FMS	Molybdenum	mg/L	6010B	0.1930	0.2	0	96.5	75-125				2/4/2006
L69847-01FMS	Potassium	mg/L	6010B	11.43	10	1.495	99.3	75-125				2/4/2006
L69847-01FMS	Sodium	mg/L	6010B	18.76	10	9.389	93.7	75-125				2/4/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69847-04EMSD	Manganese	mg/L	6020	0.2193	0.2	0.03037	94.5	70-130	3.04	20		1/30/2006
L69847-04FMSD	Arsenic	mg/L	6020	0.2138	0.2	0.00126	106	70-130	5.81	20		1/31/2006
L69847-04FMSD	Cadmium	mg/L	6020	0.1994	0.2	0.05297	73.2	70-130	6.99	20		1/31/2006
L69847-04FMSD	Copper	mg/L	6020	0.1842	0.2	0.006976	88.6	70-130	5.19	20		1/31/2006
L69847-04FMSD	Lead	mg/L	6020	0.1916	0.2	0.001615	95.0	70-130	6.39	20		1/31/2006
L69847-04FMSD	Manganese	mg/L	6020	0.2213	0.2	0.03657	92.4	70-130	6.85	20		1/31/2006
L69847-04FMSD	Selenium	mg/L	6020	0.2086	0.2	0.03324	87.7	70-130	5.53	20		1/31/2006
L69847-04FMSD	Zinc	mg/L	6020	1.020	1	0.06329	95.7	70-130	5.77	20		1/31/2006
L69847-04EMSD	Iron	mg/L	6010B	1.114	1	0.1096	100	75-125	0.720	20		1/27/2006
L69847-01FMSD	Aluminum	mg/L	6010B	1.104	1	0.09681	101	75-125	3.54	20		2/4/2006
L69847-01FMSD	Boron	mg/L	6010B	1.026	1	0	103	75-125	0.257	20		2/4/2006
L69847-01FMSD	Calcium	mg/L	6010B	112.0	10	101.5	105	75-125	1.71	20		2/4/2006
L69847-01FMSD	Iron	mg/L	6010B	1.022	1	0.01913	100	75-125	0.120	20		2/4/2006
L69847-01FMSD	Magnesium	mg/L	6010B	28.41	10	19.26	91.5	75-125	5.65	20		2/4/2006
L69847-01FMSD	Molybdenum	mg/L	6010B	0.2018	0.2	0	101	75-125	4.47	20		2/4/2006
L69847-01FMSD	Potassium	mg/L	6010B	11.59	10	1.495	101	75-125	1.44	20		2/4/2006
L69847-01FMSD	Sodium	mg/L	6010B	19.29	10	9.389	99.0	75-125	2.82	20		2/4/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L69847-01BDUP	Chloride	mg/L	300.0	32.31	0	33.08		-	2.35	20		1/27/2006
L69847-01BDUP	Sulfate	mg/L	300.0	15.26	0	15.94		-	4.37	20		1/27/2006
L69847-04ADUP	TDS	mg/L	160.1	692.0	0	720		-	3.97	20		1/24/2006
L69847-04ADUP	TSS	mg/L	160.2	5.000	0	4		-	22.2	20	*	1/24/2006
L69859-02ADUP	TSS	mg/L	160.2	405.0	0	415		-	2.44	20		1/24/2006
L69860-03ADUP	TSS	mg/L	160.2	3.000	0	4		-	28.6	20	*	1/24/2006

* High RPD due to low analyte concentration. In this range, high RPD's may be expected.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R54275	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				1/24/2006
LCS-R54412	Chloride	mg/L	300.0	4.851	5	0	97.0	90-110				1/27/2006
LCS-R54412	Sulfate	mg/L	300.0	4.974	5	0	99.5	90-110				1/27/2006
LCS-R54277	Acidity	mg/L	305.1	50.00	50	0	100	80-120				1/24/2006
LCS-26985	Ammonia (as N)	mg/L	350.1	0.9790	1	0	97.9	90-110				2/1/2006
LCS-54291	Nitrite (as N)	mg/L	353.2	0.9970	1	0	99.7	90-110				1/24/2006
LCS-54292	Nitrate (as N)	mg/L	353.2	1.008	1	0	101	90-110				1/24/2006
LCS-R54355	Oil & Grease	mg/L	EPA 1664	41.60	40	0	104	79-114				1/24/2006
LCS-54278	Phosphate, ortho (as P)	mg/L	365.1	1.065	1	0.009	106	90-110				1/24/2006
LCS-R54343	TDS	mg/L	160.1	212.0	205	0	103	80-120				1/24/2006
LCS-R54312	TSS	mg/L	160.2	100.0	100	0	100	80-120				1/24/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R54275	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				1/24/2006
MB-R54275	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				1/24/2006
MB-R54275	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				1/24/2006
MB-R54412	Chloride	mg/L	300.0	< 1.0				-				1/27/2006
MB-R54412	Sulfate	mg/L	300.0	< 1.0				-				1/27/2006
MB-R54277	Acidity	mg/L	305.1	< 15				-				1/24/2006
MB-26985	Ammonia (as N)	mg/L	350.1	< 0.050				-				2/1/2006
MB-54291	Nitrite (as N)	mg/L	353.2	< 0.010				-				1/24/2006
MB-54292	Nitrate (as N)	mg/L	353.2	< 0.010				-				1/24/2006
MB-R54355	Oil & Grease	mg/L	EPA 1664	< 3.0				-				1/24/2006
MB-54278	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				1/24/2006
MB-R54343	TDS	mg/L	160.1	< 10				-				1/24/2006
MB-R54312	TSS	mg/L	160.2	< 3.0				-				1/24/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
L69847-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	397.0	100	298	99.0	80-120				1/24/2006
L69847-01BMS	Chloride	mg/L	300.0	70.87	50	33.08	75.6	90-110			[1]	1/27/2006
L69847-01BMS	Sulfate	mg/L	300.0	25.82	10	15.94	98.7	90-110				1/27/2006
L69847-01BMS	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120				1/24/2006
L69847-01CMS	Ammonia (as N)	mg/L	350.1	0.9720	1	0	97.2	90-110				2/1/2006
L69847-01BMS	Nitrite (as N)	mg/L	353.2	1.016	1	0	102	90-110				1/24/2006
L69847-01BMS	Nitrate (as N)	mg/L	353.2	2.598	1	1.053	154	90-110			[1]	1/24/2006
L69847-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.028	1	0.044	98.4	90-110				1/24/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L69847
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
L69847-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	401.0	100	298	103	80-120	1.00	10		1/24/2006
L69847-01BMSD	Chloride	mg/L	300.0	70.36	50	33.08	74.6	90-110	0.734	20	[1]	1/27/2006
L69847-01BMSD	Sulfate	mg/L	300.0	25.39	10	15.94	94.4	90-110	1.68	20		1/27/2006
L69847-01BMSD	Acidity	mg/L	305.1	52.00	50	0	104	80-120	12.2	20		1/24/2006
L69847-01CMSD	Ammonia (as N)	mg/L	350.1	0.9440	1	0	94.4	90-110	2.92	10		2/1/2006
L69847-01BMSD	Nitrite (as N)	mg/L	353.2	1.015	1	0	102	90-110	0.0985	10		1/24/2006
L69847-01BMSD	Nitrate (as N)	mg/L	353.2	1.663	1	1.053	61.0	90-110	43.9	10	[1]@	1/24/2006
L69847-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.027	1	0.044	98.3	90-110	0.0973	10		1/24/2006

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

American West Analytical Labs

WORK ORDER Summary

23-Jan-06

Work Order L69847

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ EDD in Excel format

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L69847-01A	Angle Spring	1/22/2006 6:00:00 PM	1/23/2006	2/6/2006	Aqueous	SS	ww - tss/tds/ss	1
				2/6/2006		TDS-W	ww - tss/tds/ss	1
				2/6/2006		TSS-W	ww - tss/tds/ss	1
L69847-01B				2/6/2006		2320B-ALK-W	jan 23 wc	1
				2/6/2006		300.0-W	jan 23 wc	1
				2/6/2006		ACIDITY-W	jan 23 wc	1
				2/6/2006		NO2-W	jan 23 wc	1
				2/6/2006		NO3-W	jan 23 wc	1
				2/6/2006		PO4-O	jan 23 wc	1
L69847-01C				2/6/2006		NH3-W	jan 23 nh3	1
				2/6/2006		NH3-W-PREP	jan 23 nh3	1
L69847-01D				2/6/2006		OGB-W	OGBFridge	1
L69847-01E				2/6/2006		3005A-ICPMS	jan 23 metals	1
				2/6/2006		6020-W	jan 23 metals	1
				2/6/2006		ICP-W	jan 23 metals	1
L69847-01F				2/6/2006	Aqueous-Dissolved	3005A-Diss	jan 23 metals	1
				2/6/2006		6020-W-DISS	jan 23 metals	1
				2/6/2006		HARD	jan 23 metals	1
				2/6/2006		ICP-W-DIS	jan 23 metals	1
L69847-02A	Eagle Outlet	1/23/2006 8:30:00 AM		2/6/2006	Aqueous	SS	ww - tss/tds/ss	1
				2/6/2006		TDS-W	ww - tss/tds/ss	1
				2/6/2006		TSS-W	ww - tss/tds/ss	1
L69847-02B				2/6/2006		2320B-ALK-W	jan 23 wc	1
				2/6/2006		300.0-W	jan 23 wc	1
				2/6/2006		ACIDITY-W	jan 23 wc	1
				2/6/2006		NO2-W	jan 23 wc	1
				2/6/2006		NO3-W	jan 23 wc	1

L69847

WORK ORDER Summary

23-Jan-06

Work Order L69847

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ EDD in Excel format

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L69847-02B	Eagle Outlet	1/23/2006 8:30:00 AM	1/23/2006	2/6/2006	Aqueous	PO4-O	jan 23 wc	1
L69847-02C				2/6/2006		NH3-W	jan 23 nh3	1
				2/6/2006		NH3-W-PREP	jan 23 nh3	1
L69847-02D				2/6/2006		OGB-W	OGBFridge	1
L69847-02E				2/6/2006		3005A-ICPMS	jan 23 metals	1
				2/6/2006		6020-W	jan 23 metals	1
				2/6/2006		ICP-W	jan 23 metals	1
L69847-02F				2/6/2006	Aqueous-Dissolved	3005A-Diss	jan 23 metals	1
				2/6/2006		6020-W-DISS	jan 23 metals	1
				2/6/2006		HARD	jan 23 metals	1
				2/6/2006		ICP-W-DIS	jan 23 metals	1
L69847-03A	Sulfur Spring	1/23/2006 9:00:00 AM		2/6/2006	Aqueous	SS	ww - tss/tds/ss	1
				2/6/2006		TDS-W	ww - tss/tds/ss	1
				2/6/2006		TSS-W	ww - tss/tds/ss	1
L69847-03B				2/6/2006		2320B-ALK-W	jan 23 wc	1
				2/6/2006		300.0-W	jan 23 wc	1
				2/6/2006		ACIDITY-W	jan 23 wc	1
				2/6/2006		NO2-W	jan 23 wc	1
				2/6/2006		NO3-W	jan 23 wc	1
				2/6/2006		PO4-O	jan 23 wc	1
L69847-03C				2/6/2006		NH3-W	jan 23 nh3	1
				2/6/2006		NH3-W-PREP	jan 23 nh3	1
L69847-03D				2/6/2006		OGB-W	OGBFridge	1
L69847-03E				2/6/2006		3005A-ICPMS	jan 23 metals	1
				2/6/2006		6020-W	jan 23 metals	1
				2/6/2006		ICP-W	jan 23 metals	1
L69847-03F				2/6/2006	Aqueous-Dissolved	3005A-Diss	jan 23 metals	1
				2/6/2006		6020-W-DISS	jan 23 metals	1

WORK ORDER Summary

23-Jan-06

Work Order L69847

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ EDD in Excel format

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L69847-03F	Sulfur Spring	1/23/2006 9:00:00 AM	1/23/2006	2/6/2006	Aqueous-Dissolved	HARD	jan 23 metals	1
				2/6/2006		ICP-W-DIS	jan 23 metals	1
L69847-04A	Mud Creek	1/23/2006 9:30:00 AM		2/6/2006	Aqueous	SS	ww - tss/tds/ss	1
				2/6/2006		TDS-W	ww - tss/tds/ss	1
				2/6/2006		TSS-W	ww - tss/tds/ss	1
L69847-04B				2/6/2006		2320B-ALK-W	jan 23 wc	1
				2/6/2006		300.0-W	jan 23 wc	1
				2/6/2006		ACIDITY-W	jan 23 wc	1
				2/6/2006		NO2-W	jan 23 wc	1
				2/6/2006		NO3-W	jan 23 wc	1
				2/6/2006		PO4-O	jan 23 wc	1
L69847-04C				2/6/2006		NH3-W	jan 23 nh3	1
				2/6/2006		NH3-W-PREP	jan 23 nh3	1
L69847-04D				2/6/2006		OGB-W	OGBFridge	1
L69847-04E				2/6/2006		3005A-ICPMS	jan 23 metals	1
				2/6/2006		6020-W	jan 23 metals	1
				2/6/2006		ICP-W	jan 23 metals	1
L69847-04F				2/6/2006	Aqueous-Dissolved	3005A-Diss	jan 23 metals	1
				2/6/2006		6020-W-DISS	jan 23 metals	1
				2/6/2006		HARD	jan 23 metals	1
				2/6/2006		ICP-W-DIS	jan 23 metals	1

Client Carbon Resources · Rock Logic

Address 3757 W. Highway 96

Scofield UT

City State Zip

Phone 435·448·9693 Fax 435·448·9693

Contact Brad Lindsay

E-mail lindsay.brad@gmail.com

Project Name Scofield Baseline

Project Number/P.O.#

Sampler Name Brad Lindsay

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CHAIN OF CUSTODY

Lab Sample Set # 69847

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	see table 3 on file	COMMENTS
Angle Spring	1-22-06 | 1800	W	6	✓	
Eagle Outlet	1-23-06 | 0830	W	6	✓	
Cutler Spring	1-23-06 | 0900	W	6	✓	
Mud Creek	1-23-06 | 0930	W	6	✓	

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes:

3 Temperature 0.5

4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:

5 Properly Preserved
(Y) N
Notes:

6 Received Within Holding Times
(Y) N
Notes:

COC Tape Was:

1 Present on Outer Package
Y N NA

2 Unbroken on Outer Package
Y N NA

3 Present on Sample
Y N NA

4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 14:00	PRINT NAME Elena Hafso
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

Analysis the same as the previous set (table 3 surface water)

PLEASE SEND PDF & .XLS

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 609547

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:

1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

March 15, 2006

AMERICAN WEST ANALYTICAL LABORATORIES

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L70355

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 2/27/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-01E
Field Sample ID: **Sulfer Spring**
Collected: 2/26/2006 1:45:00 PM
Received: 2/27/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/28/2006 4:03:04 PM	6010B	0.050	< 0.050
Manganese	mg/L	2/28/2006 4:03:04 PM	6010B	0.0050	**0.030**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-02E
Field Sample ID: **Mud Creek**
Collected: 2/26/2006 2:30:00 PM
Received: 2/27/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/28/2006 4:07:26 PM	6010B	0.050	**0.25**
Manganese	mg/L	2/28/2006 4:07:26 PM	6010B	0.0050	**0.031**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-03E
Field Sample ID: **Eagle Outlet**
Collected: 2/26/2006 3:00:00 PM
Received: 2/27/2006

AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/28/2006 4:11:51 PM	6010B	0.050	**3.2**
Manganese	mg/L	2/28/2006 4:11:51 PM	6010B	0.0050	**0.22**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-04E
Field Sample ID: **Angle Spring**
Collected: 2/26/2006 6:00:00 PM
Received: 2/27/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/28/2006 4:20:59 PM	6010B	0.050	< 0.050
Manganese	mg/L	2/28/2006 4:20:59 PM	6010B	0.0050	< 0.0050

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-01F
Field Sample ID: **Sulfer Spring**
Collected: 2/26/2006 1:45:00 PM
Received: 2/27/2006

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	3/7/2006 12:11:32 PM	6010B	0.10	< 0.10
Arsenic	mg/L	3/10/2006 5:50:42 PM	6020	0.0050	< 0.0050
Boron	mg/L	3/7/2006 12:11:32 PM	6010B	0.50	< 0.50
Cadmium	mg/L	3/10/2006 5:50:42 PM	6020	0.0040	< 0.0040
Calcium	mg/L	3/7/2006 12:11:32 PM	6010B	10	**93**
Copper	mg/L	3/10/2006 5:50:42 PM	6020	0.0040	**0.0079**
Iron	mg/L	3/7/2006 12:11:32 PM	6010B	0.050	< 0.050
Lead	mg/L	3/10/2006 5:50:42 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	3/7/2006 12:11:32 PM	6010B	1.0	**36**
Manganese	mg/L	3/13/2006 9:49:33 PM	6010B	0.0050	**0.030**
Molybdenum	mg/L	3/7/2006 12:11:32 PM	6010B	0.10	< 0.10
Potassium	mg/L	3/7/2006 12:11:32 PM	6010B	1.0	**5.3**
Selenium	mg/L	3/10/2006 5:50:42 PM	6020	0.0050	< 0.0050
Sodium	mg/L	3/7/2006 12:11:32 PM	6010B	1.0	**9.6**
Zinc	mg/L	3/10/2006 5:50:42 PM	6020	0.010	**0.12**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-02F
Field Sample ID: **Mud Creek**
Collected: 2/26/2006 2:30:00 PM
Received: 2/27/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	3/7/2006 12:15:23 PM	6010B	0.10	< 0.10
Arsenic	mg/L	3/10/2006 5:56:07 PM	6020	0.0050	< 0.0050
Boron	mg/L	3/7/2006 12:15:23 PM	6010B	0.50	< 0.50
Cadmium	mg/L	3/10/2006 5:56:07 PM	6020	0.0040	< 0.0040
Calcium	mg/L	3/7/2006 12:15:23 PM	6010B	10	**97**
Copper	mg/L	3/10/2006 5:56:07 PM	6020	0.0040	< 0.0040
Iron	mg/L	3/7/2006 12:15:23 PM	6010B	0.050	< 0.050
Lead	mg/L	3/10/2006 5:56:07 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	3/7/2006 12:15:23 PM	6010B	1.0	**55**
Manganese	mg/L	3/10/2006 5:56:07 PM	6020	0.0050	**0.028**
Molybdenum	mg/L	3/7/2006 12:15:23 PM	6010B	0.10	< 0.10
Potassium	mg/L	3/7/2006 12:15:23 PM	6010B	1.0	**9.3**
Selenium	mg/L	3/10/2006 5:56:07 PM	6020	0.0050	< 0.0050
Sodium	mg/L	3/7/2006 12:15:23 PM	6010B	1.0	**56**
Zinc	mg/L	3/10/2006 5:56:07 PM	6020	0.010	**0.16**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-03F
Field Sample ID: **Eagle Outlet**
Collected: 2/26/2006 3:00:00 PM
Received: 2/27/2006

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	3/7/2006 12:19:20 PM	6010B	0.10	< 0.10
Arsenic	mg/L	3/10/2006 6:01:33 PM	6020	0.0050	< 0.0050
Boron	mg/L	3/7/2006 12:19:20 PM	6010B	0.50	< 0.50
Cadmium	mg/L	3/10/2006 6:01:33 PM	6020	0.0040	< 0.0040
Calcium	mg/L	3/7/2006 12:19:20 PM	6010B	10	**100**
Copper	mg/L	3/10/2006 6:01:33 PM	6020	0.0040	**0.0046**
Iron	mg/L	3/7/2006 12:19:20 PM	6010B	0.050	< 0.050
Lead	mg/L	3/10/2006 6:01:33 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	3/7/2006 12:19:20 PM	6010B	1.0	**18**
Manganese	mg/L	3/10/2006 6:01:33 PM	6020	0.0050	**0.065**
Molybdenum	mg/L	3/7/2006 12:19:20 PM	6010B	0.10	< 0.10
Potassium	mg/L	3/7/2006 12:19:20 PM	6010B	1.0	**1.7**
Selenium	mg/L	3/10/2006 6:01:33 PM	6020	0.0050	**0.0057**
Sodium	mg/L	3/7/2006 12:19:20 PM	6010B	1.0	**12**
Zinc	mg/L	3/10/2006 6:01:33 PM	6020	0.010	**0.070**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-04F
Field Sample ID: **Angle Spring**
Collected: 2/26/2006 6:00:00 PM
Received: 2/27/2006

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	3/7/2006 11:52:51 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	3/10/2006 6:12:24 PM	6020	0.0050	< 0.0050	
Boron	mg/L	3/7/2006 11:52:51 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	3/10/2006 6:12:24 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	3/7/2006 11:52:51 AM	6010B	10	**100**	[2]
Copper	mg/L	3/10/2006 6:12:24 PM	6020	0.0040	< 0.0040	
Iron	mg/L	3/7/2006 11:52:51 AM	6010B	0.050	< 0.050	
Lead	mg/L	3/10/2006 6:12:24 PM	6020	0.0050	< 0.0050	@
Magnesium	mg/L	3/7/2006 11:52:51 AM	6010B	1.0	**19**	
Manganese	mg/L	3/10/2006 6:12:24 PM	6020	0.0050	< 0.0050	
Molybdenum	mg/L	3/7/2006 11:52:51 AM	6010B	0.10	< 0.10	
Potassium	mg/L	3/7/2006 11:52:51 AM	6010B	1.0	**1.6**	
Selenium	mg/L	3/10/2006 6:12:24 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	3/7/2006 11:52:51 AM	6010B	1.0	**9.9**	
Zinc	mg/L	3/10/2006 6:12:24 PM	6020	0.010	**0.073**	

[2] *Analyte concentration is too high for accurate spike recovery.*
@ - High RPD due to suspected sample non-homogeneity.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-01
Field Sample ID: **Sulfer Spring**
Collected: 2/26/2006 1:45:00 PM
Received: 2/27/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	2/28/2006 10:30:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**340**	
Ammonia (as N)	mg/L	3/2/2006 3:27:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**340**	
Carbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	< 10	
Chloride	mg/L	3/1/2006 4:47:33 AM	300.0	1.0	**6.4**	
Hardness (as CaCO3)	mg/L	3/7/2006	2340B	10	**380**	
Nitrate (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	< 0.010	
Nitrite (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	< 0.010	[1]
Oil & Grease	mg/L	2/27/2006	EPA 1664	3.0	**3.5**	
Phosphate, ortho (as P)	mg/L	2/27/2006 1:59:00 PM	365.1	0.050	< 0.050	@
Settable Solids	ml/L	2/27/2006 1:40:00 PM	160.5	0.10	< 0.10	
Sulfate	mg/L	3/1/2006 5:20:48 AM	300.0	10	**43**	
TDS	mg/L	3/3/2006 1:30:00 PM	160.1	10	**300**	
TSS	mg/L	2/28/2006 3:45:00 PM	160.2	3.0	< 3.0	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*
@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-02
Field Sample ID: **Mud Creek**
Collected: 2/26/2006 2:30:00 PM
Received: 2/27/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/28/2006 10:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**260**
Ammonia (as N)	mg/L	3/2/2006 3:27:00 PM	350.1	0.050	**0.57**
Bicarbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**260**
Carbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/1/2006 5:54:02 AM	300.0	5.0	**22**
Hardness (as CaCO3)	mg/L	3/7/2006	2340B	10	**470**
Nitrate (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	**0.38**
Nitrite (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	**0.018**
Oil & Grease	mg/L	2/27/2006	EPA 1664	3.0	**5.1**
Phosphate, ortho (as P)	mg/L	2/27/2006 1:59:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	2/27/2006 1:40:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	3/1/2006 6:27:17 AM	300.0	50	**250**
TDS	mg/L	3/3/2006 1:30:00 PM	160.1	10	**570**
TSS	mg/L	2/28/2006 3:45:00 PM	160.2	3.0	**10**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-03
Field Sample ID: **Eagle Outlet**
Collected: 2/26/2006 3:00:00 PM
Received: 2/27/2006

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/28/2006 10:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**290**
Ammonia (as N)	mg/L	3/2/2006 3:27:00 PM	350.1	0.050	**0.16**
Bicarbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**290**
Carbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/1/2006 7:33:46 AM	300.0	10	**11**
Hardness (as CaCO3)	mg/L	3/7/2006	2340B	10	**320**
Nitrate (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	**0.69**
Nitrite (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	**0.042**
Oil & Grease	mg/L	2/27/2006	EPA 1664	3.0	**5.6**
Phosphate, ortho (as P)	mg/L	2/27/2006 1:59:00 PM	365.1	0.050	**0.13**
Settable Solids	ml/L	2/27/2006 1:40:00 PM	160.5	0.10	**0.10**
Sulfate	mg/L	3/1/2006 7:33:46 AM	300.0	10	**24**
TDS	mg/L	3/3/2006 1:30:00 PM	160.1	10	**240**
TSS	mg/L	2/28/2006 3:45:00 PM	160.2	3.0	**100**

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INORGANIC ANALYSIS REPORT

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70355-04
Field Sample ID: **Angle Spring**
Collected: 2/26/2006 6:00:00 PM
Received: 2/27/2006

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/28/2006 10:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**300**
Ammonia (as N)	mg/L	3/2/2006 3:27:00 PM	350.1	0.050	**0.17**
Bicarbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	**300**
Carbonate (As CaCO3)	mg/L	2/28/2006 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	2/28/2006 11:48:25 AM	300.0	10	**22**
Hardness (as CaCO3)	mg/L	3/7/2006	2340B	10	**330**
Nitrate (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	**1.1**
Nitrite (as N)	mg/L	2/27/2006 12:55:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	2/27/2006	EPA 1664	3.0	**5.5**
Phosphate, ortho (as P)	mg/L	2/27/2006 1:59:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	2/27/2006 1:40:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	2/28/2006 11:48:25 AM	300.0	10	**14**
TDS	mg/L	3/3/2006 1:30:00 PM	160.1	10	**240**
TSS	mg/L	2/28/2006 3:45:00 PM	160.2	3.0	< 3.0

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-27336	Arsenic	mg/L	6020	0.2034	0.2	0	102	85-115				3/10/2006
LCS-27336	Cadmium	mg/L	6020	0.2007	0.2	0	100	85-115				3/10/2006
LCS-27336	Copper	mg/L	6020	0.1970	0.2	0	98.5	85-115				3/10/2006
LCS-27336	Lead	mg/L	6020	0.2046	0.2	0	102	85-115				3/10/2006
LCS-27336	Manganese	mg/L	6020	0.1963	0.2	0	98.2	85-115				3/10/2006
LCS-27336	Selenium	mg/L	6020	0.2048	0.2	0	102	85-115				3/10/2006
LCS-27336	Zinc	mg/L	6020	1.027	1	0	103	85-115				3/10/2006
LCS-27352	Iron	mg/L	6010B	1.094	1	0.02847	107	75-125				2/28/2006
LCS-27352	Manganese	mg/L	6010B	0.2040	0.2	0	102	75-125				2/28/2006
LCS-27336	Aluminum	mg/L	6010B	1.071	1	0	107	75-125				3/7/2006
LCS-27336	Boron	mg/L	6010B	1.037	1	0	104	75-125				3/7/2006
LCS-27336	Calcium	mg/L	6010B	10.70	10	0	107	75-125				3/7/2006
LCS-27336	Iron	mg/L	6010B	1.068	1	0	107	75-125				3/7/2006
LCS-27336	Magnesium	mg/L	6010B	10.47	10	0	105	75-125				3/7/2006
LCS-27336	Molybdenum	mg/L	6010B	0.2126	0.2	0	106	75-125				3/7/2006
LCS-27336	Potassium	mg/L	6010B	10.51	10	0	105	75-125				3/7/2006
LCS-27336	Sodium	mg/L	6010B	10.69	10	0	107	75-125				3/7/2006
LCS-27552	Manganese	mg/L	6010B	0.2050	0.2	0	103	75-125				3/13/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-27336	Arsenic	mg/L	6020	< 0.0050				-				3/10/2006
MB-27336	Cadmium	mg/L	6020	< 0.0040				-				3/10/2006
MB-27336	Copper	mg/L	6020	< 0.0040				-				3/10/2006
MB-27336	Lead	mg/L	6020	< 0.0050				-				3/10/2006
MB-27336	Manganese	mg/L	6020	< 0.0050				-				3/10/2006
MB-27336	Selenium	mg/L	6020	< 0.0050				-				3/10/2006
MB-27336	Zinc	mg/L	6020	< 0.010				-				3/10/2006
MB-27352	Iron	mg/L	6010B	< 0.050				-				2/28/2006
MB-27352	Manganese	mg/L	6010B	< 0.0050				-				2/28/2006
MB-27336	Aluminum	mg/L	6010B	< 0.10				-				3/7/2006
MB-27336	Boron	mg/L	6010B	< 0.50				-				3/7/2006
MB-27336	Calcium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27336	Iron	mg/L	6010B	< 0.050				-				3/7/2006
MB-27336	Magnesium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27336	Molybdenum	mg/L	6010B	< 0.10				-				3/7/2006
MB-27336	Potassium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27336	Sodium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27552	Manganese	mg/L	6010B	< 0.0050				-				3/13/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70355-04FMS	Arsenic	mg/L	6020	0.2067	0.2	0	103	70-130				3/10/2006
L70355-04FMS	Cadmium	mg/L	6020	0.2032	0.2	0	102	70-130				3/10/2006
L70355-04FMS	Copper	mg/L	6020	0.1939	0.2	0	97.0	70-130				3/10/2006
L70355-04FMS	Lead	mg/L	6020	0.2047	0.2	0	102	70-130				3/10/2006
L70355-04FMS	Manganese	mg/L	6020	0.2001	0.2	0	100	70-130				3/10/2006
L70355-04FMS	Selenium	mg/L	6020	0.2191	0.2	0	110	70-130				3/10/2006
L70355-04FMS	Zinc	mg/L	6020	1.087	1	0.07298	101	70-130				3/10/2006
L70355-04EMS	Iron	mg/L	6010B	1.103	1	0	110	75-125				2/28/2006
L70355-04EMS	Manganese	mg/L	6010B	0.2024	0.2	0	101	75-125				2/28/2006
L70355-04FMS	Aluminum	mg/L	6010B	1.139	1	0	114	75-125				3/7/2006
L70355-04FMS	Boron	mg/L	6010B	1.095	1	0.01557	108	75-125				3/7/2006
L70355-04FMS	Calcium	mg/L	6010B	112.7	10	101.3	114	75-125				3/7/2006
L70355-04FMS	Iron	mg/L	6010B	1.047	1	0	105	75-125				3/7/2006
L70355-04FMS	Magnesium	mg/L	6010B	28.77	10	18.59	102	75-125				3/7/2006
L70355-04FMS	Molybdenum	mg/L	6010B	0.2123	0.2	0	106	75-125				3/7/2006
L70355-04FMS	Potassium	mg/L	6010B	12.55	10	1.558	110	75-125				3/7/2006
L70355-04FMS	Sodium	mg/L	6010B	21.03	10	9.944	111	75-125				3/7/2006
L70355-01FMS	Manganese	mg/L	6010B	0.2331	0.2	0.03027	101	75-125				3/13/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70355-04FMSD	Arsenic	mg/L	6020	0.1992	0.2	0	99.6	70-130	3.70	20		3/10/2006
L70355-04FMSD	Cadmium	mg/L	6020	0.2017	0.2	0	101	70-130	0.749	20		3/10/2006
L70355-04FMSD	Copper	mg/L	6020	0.1936	0.2	0.001219	96.2	70-130	0.157	20		3/10/2006
L70355-04FMSD	Lead	mg/L	6020	0.1939	0.2	0	97.0	70-130	27.1	20	@	3/10/2006
L70355-04FMSD	Manganese	mg/L	6020	0.2005	0.2	0.003755	98.4	70-130	0.188	20		3/10/2006
L70355-04FMSD	Selenium	mg/L	6020	0.2154	0.2	0.003241	106	70-130	1.73	20		3/10/2006
L70355-04FMSD	Zinc	mg/L	6020	1.035	1	0.07298	96.2	70-130	4.88	20		3/10/2006
L70355-04EMSD	Iron	mg/L	6010B	1.061	1	0	106	75-125	3.84	20		2/28/2006
L70355-04EMSD	Manganese	mg/L	6010B	0.2014	0.2	0	101	75-125	0.503	20		2/28/2006
L70355-04FMSD	Aluminum	mg/L	6010B	1.111	1	0	111	75-125	2.49	20		3/7/2006
L70355-04FMSD	Boron	mg/L	6010B	1.076	1	0.01557	106	75-125	1.75	20		3/7/2006
L70355-04FMSD	Calcium	mg/L	6010B	107.1	10	101.3	58.0	75-125	5.10	20	2	3/7/2006
L70355-04FMSD	Iron	mg/L	6010B	1.076	1	0	108	75-125	2.73	20		3/7/2006
L70355-04FMSD	Magnesium	mg/L	6010B	28.52	10	18.59	99.3	75-125	0.894	20		3/7/2006
L70355-04FMSD	Molybdenum	mg/L	6010B	0.2136	0.2	0	107	75-125	0.601	20		3/7/2006
L70355-04FMSD	Potassium	mg/L	6010B	12.34	10	1.558	108	75-125	1.66	20		3/7/2006
L70355-04FMSD	Sodium	mg/L	6010B	20.66	10	9.944	107	75-125	1.80	20		3/7/2006
L70355-01FMSD	Manganese	mg/L	6010B	0.2332	0.2	0.03027	101	75-125	0.0464	20		3/13/2006

@ - High RPD due to suspected sample non-homogeneity.
[2] Analyte concentration is too high for accurate spike recovery.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70355-04ADUP	Chloride	mg/L	300.0	21.41	0	21.72		-	1.48	20		3/1/2006
L70355-04ADUP	Sulfate	mg/L	300.0	14.79	0	14.46		-	2.20	20		3/1/2006
L70355-04BDUP	TDS	mg/L	160.1	244.0	0	244		-	0	20		3/3/2006
L70436-06BDUP	TDS	mg/L	160.1	< 10	0	0		-	0	20		3/3/2006
L70355-04BDUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		2/28/2006
L70378-03ADUP	TSS	mg/L	160.2	15.00	0	14		-	6.90	20		2/28/2006
L70382-02ADUP	TSS	mg/L	160.2	490.0	0	500		-	2.02	20		2/28/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R55136	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				2/28/2006
LCS-R55176	Chloride	mg/L	300.0	4.926	5	0	98.5	90-110				2/28/2006
LCS-R55176	Sulfate	mg/L	300.0	5.033	5	0	101	90-110				2/28/2006
LCS-R55137	Acidity	mg/L	305.1	55.00	50	0	110	80-120				2/28/2006
LCS-27395	Ammonia (as N)	mg/L	350.1	0.9150	1	0	91.5	90-110				3/2/2006
LCS-55099	Nitrite (as N)	mg/L	353.2	0.9800	1	0	98.0	90-110				2/27/2006
LCS-55103	Nitrate (as N)	mg/L	353.2	1.076	1	0	108	90-110				2/27/2006
LCS-R55142	Oil & Grease	mg/L	EPA 1664	40.20	40	0	100	79-114				2/27/2006
LCS-55108	Phosphate, ortho (as P)	mg/L	365.1	0.9830	1	0	98.3	90-110				2/27/2006
LCS-R55303	TDS	mg/L	160.1	202.0	205	0	98.5	80-120				3/3/2006
LCS-R55165	TSS	mg/L	160.2	100.0	100	0	100	80-120				2/28/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R55136	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				2/28/2006
MB-R55136	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				2/28/2006
MB-R55136	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				2/28/2006
MB-R55176	Chloride	mg/L	300.0	< 1.0				-				2/28/2006
MB-R55176	Sulfate	mg/L	300.0	< 1.0				-				2/28/2006
MB-R55137	Acidity	mg/L	305.1	< 15				-				2/28/2006
MB-27395	Ammonia (as N)	mg/L	350.1	< 0.050				-				3/2/2006
MB-55099	Nitrite (as N)	mg/L	353.2	< 0.010				-				2/27/2006
MB-55103	Nitrate (as N)	mg/L	353.2	< 0.010				-				2/27/2006
MB-R55142	Oil & Grease	mg/L	EPA 1664	< 3.0				-				2/27/2006
MB-55108	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				2/27/2006
MB-R55303	TDS	mg/L	160.1	< 10				-				3/3/2006
MB-R55165	TSS	mg/L	160.2	< 3.0				-				2/28/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70355-01AMS	Alkalinity,(As CaCO3)	mg/L	2320B	439.0	100	335	104	80-120				2/28/2006
L70355-04AMS	Chloride	mg/L	300.0	71.86	50	21.72	100	90-110				3/1/2006
L70355-04AMS	Sulfate	mg/L	300.0	65.38	50	14.46	102	90-110				3/1/2006
L70355-01AMS	Acidity	mg/L	305.1	42.00	50	0	84.0	80-120				2/28/2006
L70355-01CMS	Ammonia (as N)	mg/L	350.1	1.055	1	0	106	90-110				3/2/2006
L70355-01AMS	Nitrite (as N)	mg/L	353.2	0.9590	1	0.007	95.2	90-110				2/27/2006
L70355-01AMS	Nitrate (as N)	mg/L	353.2	1.093	1	0	109	90-110				2/27/2006
L70355-01AMS	Phosphate, ortho (as P)	mg/L	365.1	0.9360	1	0.013	92.3	90-110				2/27/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70355-01AMSD	Alkalinity,(As CaCO3)	mg/L	2320B	433.0	100	335	98.0	80-120	1.38	10		2/28/2006
L70355-04AMSD	Chloride	mg/L	300.0	71.67	50	21.72	99.9	90-110	0.261	20		3/1/2006
L70355-04AMSD	Sulfate	mg/L	300.0	64.64	50	14.46	100	90-110	1.14	20		3/1/2006
L70355-01AMSD	Acidity	mg/L	305.1	40.00	50	0	80.0	80-120	4.88	20		2/28/2006
L70355-01CMSD	Ammonia (as N)	mg/L	350.1	1.015	1	0	102	90-110	3.86	10		3/2/2006
L70355-01AMSD	Nitrite (as N)	mg/L	353.2	0.8780	1	0.007	87.1	90-110	8.82	10	[1]	2/27/2006
L70355-01AMSD	Nitrate (as N)	mg/L	353.2	1.094	1	0	109	90-110	0.0914	10		2/27/2006
L70355-01AMSD	Phosphate, ortho (as P)	mg/L	365.1	1.041	1	0.013	103	90-110	10.6	10	@	2/27/2006

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R55142	Oil & Grease	mg/L	EPA 1664	41.90	40	0	105	79-114				2/27/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70355
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R55142	Oil & Grease	mg/L	EPA 1664	42.30	40	0	106	79-114	0.950	18		2/27/2006

American West Analytical Labs

WORK ORDER Summary

27-Feb-06

Work Order L70355

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ EDD in Excel format

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70355-01A	Sulfer Spring	2/26/2006 1:45:00 PM	2/27/2006	3/13/2006	Aqueous	2320B-ALK-W	feb 27 wc	1
						300.0-W	feb 27 wc	1
							feb 27 wc	1
							feb 27 wc	1
							feb 27 wc	1
							feb 27 wc	1
L70355-01B							ww - tss/tds/ss	1
							ww - tss/tds/ss	1
							ww - tss/tds/ss	1
L70355-01C							feb 27 nh3	1
						EP	feb 27 nh3	1
L70355-01D							OGBFridge	1
L70355-01E						PMS	feb 27 total met	1
							feb 27 total met	1
							feb 27 total met	1
L70355-01F				3/13/2006		Diss	feb 27 dis met	1
				3/13/2006		6020-W-DISS	feb 27 dis met	1
				3/13/2006		HARD	feb 27 dis met	1
				3/13/2006		ICP-W-DIS	feb 27 dis met	1
L70355-02A	Mud Creek	2/26/2006 2:30:00 PM		3/13/2006	Aqueous	2320B-ALK-W	feb 27 wc	1
				3/13/2006		300.0-W	feb 27 wc	1
				3/13/2006		ACIDITY-W	feb 27 wc	1
				3/13/2006		NO2-W	feb 27 wc	1
				3/13/2006		NO3-W	feb 27 wc	1
				3/13/2006		PO4-O	feb 27 wc	1
L70355-02B				3/13/2006		SS	ww - tss/tds/ss	1
				3/13/2006		TDS-W	ww - tss/tds/ss	1

Re-Scan
3
replace
COC.

L70355

WORK ORDER Summary

27-Feb-06

Work Order L70355

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ EDD in Excel format

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70355-02B	Mud Creek	2/26/2006 2:30:00 PM	2/27/2006	3/13/2006	Aqueous	TSS-W	ww - tss/tds/ss	1
L70355-02C				3/13/2006		NH3-W	feb 27 nh3	1
				3/13/2006		NH3-W-PREP	feb 27 nh3	1
L70355-02D				3/13/2006		OGB-W	OGBFridge	1
L70355-02E				3/13/2006		3005A-ICPMS	feb 27 total met	1
				3/13/2006		6020-W	feb 27 total met	1
				3/13/2006		ICP-W	feb 27 total met	1
L70355-02F				3/13/2006	Aqueous-Dissolved	3005A-Diss	feb 27 dis met	1
				3/13/2006		6020-W-DISS	feb 27 dis met	1
				3/13/2006		HARD	feb 27 dis met	1
				3/13/2006		ICP-W-DIS	feb 27 dis met	1
L70355-03A	Eagle Outlet	2/26/2006 3:00:00 PM		3/13/2006	Aqueous	2320B-ALK-W	feb 27 wc	1
				3/13/2006		300.0-W	feb 27 wc	1
				3/13/2006		ACIDITY-W	feb 27 wc	1
				3/13/2006		NO2-W	feb 27 wc	1
				3/13/2006		NO3-W	feb 27 wc	1
				3/13/2006		PO4-O	feb 27 wc	1
L70355-03B				3/13/2006		SS	ww - tss/tds/ss	1
				3/13/2006		TDS-W	ww - tss/tds/ss	1
				3/13/2006		TSS-W	ww - tss/tds/ss	1
L70355-03C				3/13/2006		NH3-W	feb 27 nh3	1
				3/13/2006		NH3-W-PREP	feb 27 nh3	1
L70355-03D				3/13/2006		OGB-W	OGBFridge	1
L70355-03E				3/13/2006		3005A-ICPMS	feb 27 total met	1
				3/13/2006		6020-W	feb 27 total met	1
				3/13/2006		ICP-W	feb 27 total met	1
L70355-03F				3/13/2006	Aqueous-Dissolved	3005A-Diss	feb 27 dis met	1
				3/13/2006		6020-W-DISS	feb 27 dis met	1

WORK ORDER Summary

27-Feb-06

Work Order L70355

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ EDD in Excel format

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70355-03F	Eagle Outlet	2/26/2006 3:00:00 PM	2/27/2006	3/13/2006	Aqueous-Dissolved	HARD	feb 27 dis met	1
				3/13/2006		ICP-W-DIS	feb 27 dis met	1
L70355-04A	Angle Spring	2/26/2006 6:00:00 PM		3/13/2006	Aqueous	2320B-ALK-W	feb 27 wc	1
				3/13/2006		300.0-W	feb 27 wc	1
				3/13/2006		ACIDITY-W	feb 27 wc	1
				3/13/2006		NO2-W	feb 27 wc	1
				3/13/2006		NO3-W	feb 27 wc	1
				3/13/2006		PO4-O	feb 27 wc	1
L70355-04B				3/13/2006		SS	ww - tss/tds/ss	1
				3/13/2006		TDS-W	ww - tss/tds/ss	1
				3/13/2006		TSS-W	ww - tss/tds/ss	1
L70355-04C				3/13/2006		NH3-W	feb 27 nh3	1
				3/13/2006		NH3-W-PREP	feb 27 nh3	1
L70355-04D				3/13/2006		OGB-W	OGBFridge	1
L70355-04E				3/13/2006		3005A-ICPMS	feb 27 total met	1
				3/13/2006		6020-W	feb 27 total met	1
				3/13/2006		ICP-W	feb 27 total met	1
L70355-04F				3/13/2006	Aqueous-Dissolved	3005A-Diss	feb 27 dis met	1
				3/13/2006		6020-W-DISS	feb 27 dis met	1
				3/13/2006		HARD	feb 27 dis met	1
				3/13/2006		ICP-W-DIS	feb 27 dis met	1

Client Carbon Resources
Address c/o Rock Logic PO Box 544
Cedaredge CO 81413
City State Zip
Phone 435-851-9044 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
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Salt Lake City, Utah 84115
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CHAIN OF CUSTODY

Lab Sample Set # 70355
Page of

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	See Table 3 on File	COMMENTS
Sulfer Spring	2-26-06 1345	W	6	✓	
Mud Creek	2-26-06 1430	W	6	✓	
Eagle Outlet	2-26-06 1500	W	6	✓	
Angle Spring	2-26-06 1800	W	6	✓	

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature -1.0
4 Received Broken/Leaking (Improperly Sealed) Y N
Notes:
5 Properly Preserved Y N
Notes:
6 Received Within Holding Times Y N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y N
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 18:00	PRINT NAME Kalie Lindsay
Relinquished By: Signature Kalie Lindsay	Date 2-27-06	Received By: Signature
PRINT NAME Kalie Lindsay	Time 10:00	PRINT NAME Ilene Turner
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:
Please filter for dissolved metals
Please send PDF & .XLS

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

63
17 80

Preservation Check Sheet

Sample Set: 70355

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:
1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

March 15, 2006

AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L70402

Dear Brad Lindsay:

American West Analytical Labs received 1 sample on 3/1/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70402-01D
Field Sample ID: **CR-06-03-ABV**
Collected: 2/28/2006 3:00:00 PM
Received: 3/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	3/2/2006 4:36:18 PM	6010B	0.050	**4.3**
Manganese	mg/L	3/2/2006 4:36:18 PM	6010B	0.0050	**0.15**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70402-01E
Field Sample ID: **CR-06-03-ABV**
Collected: 2/28/2006 3:00:00 PM
Received: 3/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	3/7/2006 12:34:49 PM	6010B	0.10	< 0.10
Arsenic	mg/L	3/13/2006 10:12:02 AM	6020	0.0050	**0.036**
Boron	mg/L	3/7/2006 12:34:49 PM	6010B	0.50	< 0.50
Cadmium	mg/L	3/13/2006 10:12:02 AM	6020	0.0040	< 0.0040
Calcium	mg/L	3/7/2006 12:34:49 PM	6010B	10	**130**
Copper	mg/L	3/13/2006 10:12:02 AM	6020	0.0040	**0.068**
Iron	mg/L	3/7/2006 12:34:49 PM	6010B	0.050	< 0.050
Lead	mg/L	3/13/2006 10:12:02 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	3/7/2006 12:34:49 PM	6010B	1.0	**30**
Manganese	mg/L	3/13/2006 10:12:02 AM	6020	0.0050	**0.095**
Molybdenum	mg/L	3/7/2006 12:34:49 PM	6010B	0.10	< 0.10
Potassium	mg/L	3/7/2006 12:34:49 PM	6010B	1.0	**2.4**
Selenium	mg/L	3/13/2006 10:12:02 AM	6020	0.0050	< 0.0050
Sodium	mg/L	3/7/2006 12:34:49 PM	6010B	10	**25**
Zinc	mg/L	3/13/2006 10:12:02 AM	6020	0.010	**2.8**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70402-01
Field Sample ID: **CR-06-03-ABV**
Collected: 2/28/2006 3:00:00 PM
Received: 3/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/2/2006 7:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/2/2006 6:00:00 AM	2320B	10	**400**
Ammonia (as N)	mg/L	3/2/2006 4:25:00 PM	350.1	0.10	< 0.10
Bicarbonate (As CaCO3)	mg/L	3/2/2006 6:00:00 AM	2320B	10	**400**
Carbonate (As CaCO3)	mg/L	3/2/2006 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/3/2006 6:37:42 AM	300.0	10	**36**
Hardness (as CaCO3)	mg/L	3/7/2006	2340B	10	**460**
Nitrate (as N)	mg/L	3/2/2006 10:50:00 AM	353.2	0.010	**0.086**
Nitrite (as N)	mg/L	3/2/2006 10:50:00 AM	353.2	0.010	**0.019**
Phosphate, ortho (as P)	mg/L	3/1/2006	365.1	0.050	**0.066**
Sulfate	mg/L	3/3/2006 6:37:42 AM	300.0	10	**50**
TDS	mg/L	3/3/2006 1:30:00 PM	160.1	10	**460**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-27397	Arsenic	mg/L	6020	0.2219	0.2	0	111	85-115				3/13/2006
LCS-27397	Cadmium	mg/L	6020	0.2126	0.2	0	106	85-115				3/13/2006
LCS-27397	Copper	mg/L	6020	0.2090	0.2	0	104	85-115				3/13/2006
LCS-27397	Lead	mg/L	6020	0.2133	0.2	0	107	85-115				3/13/2006
LCS-27397	Manganese	mg/L	6020	0.2055	0.2	0	103	85-115				3/13/2006
LCS-27397	Selenium	mg/L	6020	0.2140	0.2	0	107	85-115				3/13/2006
LCS-27397	Zinc	mg/L	6020	1.044	1	0	104	85-115				3/13/2006
LCS-27382	Iron	mg/L	6010B	1.021	1	0	102	75-125				3/2/2006
LCS-27382	Manganese	mg/L	6010B	0.2026	0.2	0	101	75-125				3/2/2006
LCS-27397	Aluminum	mg/L	6010B	1.062	1	0	106	75-125				3/7/2006
LCS-27397	Boron	mg/L	6010B	1.058	1	0	106	75-125				3/7/2006
LCS-27397	Calcium	mg/L	6010B	10.50	10	0	105	75-125				3/7/2006
LCS-27397	Iron	mg/L	6010B	1.074	1	0	107	75-125				3/7/2006
LCS-27397	Magnesium	mg/L	6010B	10.46	10	0	105	75-125				3/7/2006
LCS-27397	Molybdenum	mg/L	6010B	0.2166	0.2	0	108	75-125				3/7/2006
LCS-27397	Potassium	mg/L	6010B	10.29	10	0	103	75-125				3/7/2006
LCS-27397	Sodium	mg/L	6010B	10.27	10	0	103	75-125				3/7/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-27397	Arsenic	mg/L	6020	< 0.0050				-				3/13/2006
MB-27397	Cadmium	mg/L	6020	< 0.0040				-				3/13/2006
MB-27397	Copper	mg/L	6020	< 0.0040				-				3/13/2006
MB-27397	Lead	mg/L	6020	< 0.0050				-				3/13/2006
MB-27397	Manganese	mg/L	6020	< 0.0050				-				3/13/2006
MB-27397	Selenium	mg/L	6020	< 0.0050				-				3/13/2006
MB-27397	Zinc	mg/L	6020	< 0.010				-				3/13/2006
MB-27382	Iron	mg/L	6010B	< 0.050				-				3/2/2006
MB-27382	Manganese	mg/L	6010B	< 0.0050				-				3/2/2006
MB-27397	Aluminum	mg/L	6010B	< 0.10				-				3/7/2006
MB-27397	Boron	mg/L	6010B	< 0.50				-				3/7/2006
MB-27397	Calcium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27397	Iron	mg/L	6010B	< 0.050				-				3/7/2006
MB-27397	Magnesium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27397	Molybdenum	mg/L	6010B	< 0.10				-				3/7/2006
MB-27397	Potassium	mg/L	6010B	< 1.0				-				3/7/2006
MB-27397	Sodium	mg/L	6010B	< 1.0				-				3/7/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70402-01EMS	Arsenic	mg/L	6020	0.2599	0.2	0.03587	112	70-130				3/13/2006
L70402-01EMS	Cadmium	mg/L	6020	0.2168	0.2	0.002434	107	70-130				3/13/2006
L70402-01EMS	Copper	mg/L	6020	0.2794	0.2	0.06796	106	70-130				3/13/2006
L70402-01EMS	Lead	mg/L	6020	0.2095	0.2	0	105	70-130				3/13/2006
L70402-01EMS	Manganese	mg/L	6020	0.3109	0.2	0.09489	108	70-130				3/13/2006
L70402-01EMS	Selenium	mg/L	6020	0.2180	0.2	0.004896	107	70-130				3/13/2006
L70402-01EMS	Zinc	mg/L	6020	4.095	1	2.842	125	70-130				3/13/2006
L70402-01DMS	Iron	mg/L	6010B	5.025	1	4.267	75.7	75-125				3/2/2006
L70402-01DMS	Manganese	mg/L	6010B	0.3394	0.2	0.1546	92.4	75-125				3/2/2006
L70402-01EMS	Aluminum	mg/L	6010B	1.187	1	0.03555	115	75-125				3/7/2006
L70402-01EMS	Boron	mg/L	6010B	1.096	1	0.0339	106	75-125				3/7/2006
L70402-01EMS	Calcium	mg/L	6010B	144.9	10	133	119	75-125				3/7/2006
L70402-01EMS	Iron	mg/L	6010B	1.090	1	0.0317	106	75-125				3/7/2006
L70402-01EMS	Magnesium	mg/L	6010B	40.04	10	30.3	97.4	75-125				3/7/2006
L70402-01EMS	Molybdenum	mg/L	6010B	0.2053	0.2	0	103	75-125				3/7/2006
L70402-01EMS	Potassium	mg/L	6010B	13.12	10	2.447	107	75-125				3/7/2006
L70402-01EMS	Sodium	mg/L	6010B	35.95	10	25.44	105	75-125				3/7/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70402-01EMSD	Arsenic	mg/L	6020	0.2663	0.2	0.03587	115	70-130	2.43	20		3/13/2006
L70402-01EMSD	Cadmium	mg/L	6020	0.2196	0.2	0.002434	109	70-130	1.26	20		3/13/2006
L70402-01EMSD	Copper	mg/L	6020	0.2768	0.2	0.06796	104	70-130	0.901	20		3/13/2006
L70402-01EMSD	Lead	mg/L	6020	0.2123	0.2	0	106	70-130	1.33	20		3/13/2006
L70402-01EMSD	Manganese	mg/L	6020	0.3126	0.2	0.09489	109	70-130	0.534	20		3/13/2006
L70402-01EMSD	Selenium	mg/L	6020	0.2268	0.2	0.004896	111	70-130	3.95	20		3/13/2006
L70402-01EMSD	Zinc	mg/L	6020	4.123	1	2.842	128	70-130	0.679	20		3/13/2006
L70402-01DMSD	Iron	mg/L	6010B	5.299	1	4.267	103	75-125	5.32	20		3/2/2006
L70402-01DMSD	Manganese	mg/L	6010B	0.3521	0.2	0.1546	98.8	75-125	3.68	20		3/2/2006
L70402-01EMSD	Aluminum	mg/L	6010B	1.115	1	0.03555	108	75-125	6.25	20		3/7/2006
L70402-01EMSD	Boron	mg/L	6010B	1.082	1	0.0339	105	75-125	1.24	20		3/7/2006
L70402-01EMSD	Calcium	mg/L	6010B	140.8	10	133	78.0	75-125	2.87	20		3/7/2006
L70402-01EMSD	Iron	mg/L	6010B	1.070	1	0.0317	104	75-125	1.84	20		3/7/2006
L70402-01EMSD	Magnesium	mg/L	6010B	39.00	10	30.3	86.9	75-125	2.64	20		3/7/2006
L70402-01EMSD	Molybdenum	mg/L	6010B	0.2004	0.2	0	100	75-125	2.42	20		3/7/2006
L70402-01EMSD	Potassium	mg/L	6010B	13.00	10	2.447	106	75-125	0.924	20		3/7/2006
L70402-01EMSD	Sodium	mg/L	6010B	35.24	10	25.44	98.0	75-125	1.99	20		3/7/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70402-01BDUP	Chloride	mg/L	300.0	35.66	0	36.19		-	1.47	20		3/3/2006
L70402-01BDUP	Sulfate	mg/L	300.0	49.10	0	50.38		-	2.57	20		3/3/2006
L70355-04BDUP	TDS	mg/L	160.1	244.0	0	244		-	0	20		3/3/2006
L70436-06BDUP	TDS	mg/L	160.1	< 10	0	0		-	0	20		3/3/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R55203	Alkalinity,(As CaCO3)	mg/L	2320B	49880	50000	0	99.8	90-110				3/2/2006
LCS-R55285	Chloride	mg/L	300.0	4.971	5	0	99.4	90-110				3/3/2006
LCS-R55285	Sulfate	mg/L	300.0	4.969	5	0	99.4	90-110				3/3/2006
LCS-R55205	Acidity	mg/L	305.1	50.00	50	0	100	80-120				3/2/2006
LCS-27392	Ammonia (as N)	mg/L	350.1	0.9630	1	0	96.3	90-110				3/2/2006
LCS-R55226	Nitrite (as N)	mg/L	353.2	1.028	1	0	103	90-110				3/2/2006
LCS-R55227	Nitrate (as N)	mg/L	353.2	1.081	1	0	108	90-110				3/2/2006
LCS-R55196	Phosphate, ortho (as P)	mg/L	365.1	0.9980	1	0	99.8	90-110				3/1/2006
LCS-R55303	TDS	mg/L	160.1	202.0	205	0	98.5	80-120				3/3/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R55203	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				3/2/2006
MB-R55203	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				3/2/2006
MB-R55203	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				3/2/2006
MB-R55285	Chloride	mg/L	300.0	< 1.0				-				3/3/2006
MB-R55285	Sulfate	mg/L	300.0	< 1.0				-				3/3/2006
MB-R55205	Acidity	mg/L	305.1	< 15				-				3/2/2006
MB-27392	Ammonia (as N)	mg/L	350.1	< 0.050				-				3/2/2006
MB-R55226	Nitrite (as N)	mg/L	353.2	< 0.010				-				3/2/2006
MB-R55227	Nitrate (as N)	mg/L	353.2	< 0.010				-				3/2/2006
MB-R55196	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				3/1/2006
MB-R55303	TDS	mg/L	160.1	< 10				-				3/3/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70402-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	501.0	100	397	104	80-120				3/2/2006
L70402-01BMS	Chloride	mg/L	300.0	86.54	50	36.19	101	90-110				3/3/2006
L70402-01BMS	Sulfate	mg/L	300.0	104.9	50	50.38	109	90-110				3/3/2006
L70402-01BMS	Acidity	mg/L	305.1	50.00	50	0	100	80-120				3/2/2006
L70402-01CMS	Ammonia (as N)	mg/L	350.1	2.085	2	0.075	101	90-110				3/2/2006
L70402-01BMS	Nitrite (as N)	mg/L	353.2	0.9990	1	0.019	98.0	90-110				3/2/2006
L70402-01BMS	Nitrate (as N)	mg/L	353.2	1.116	1	0.086	103	90-110				3/2/2006
L70402-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9800	1	0.066	91.4	90-110				3/1/2006

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70402
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70402-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	499.0	100	397	102	80-120	0.400	10		3/2/2006
L70402-01BMSD	Chloride	mg/L	300.0	85.69	50	36.19	99.0	90-110	0.985	20		3/3/2006
L70402-01BMSD	Sulfate	mg/L	300.0	101.8	50	50.38	103	90-110	3.00	20		3/3/2006
L70402-01BMSD	Acidity	mg/L	305.1	56.00	50	0	112	80-120	11.3	20		3/2/2006
L70402-01CMSD	Ammonia (as N)	mg/L	350.1	2.077	2	0.075	100	90-110	0.384	10		3/2/2006
L70402-01BMSD	Nitrite (as N)	mg/L	353.2	1.063	1	0.019	104	90-110	6.21	10		3/2/2006
L70402-01BMSD	Nitrate (as N)	mg/L	353.2	1.117	1	0.086	103	90-110	0.0896	10		3/2/2006
L70402-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9860	1	0.066	92.0	90-110	0.610	10		3/1/2006

American West Analytical Labs

WORK ORDER Summary

01-Mar-06

Work Order L70402

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:** HOK DP

Comments: QCLevel: QC 2+. Include EDD in Excel format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70402-01A	CR-06-03-ABV	2/28/2006 3:00:00 PM	3/1/2006	3/15/2006	Aqueous	TDS-W	ww - tds	1
L70402-01B				3/15/2006		2320B-ALK-W	mar 1 - wc	1
				3/15/2006		300.0-W	mar 1 - wc	1
				3/15/2006		ACIDITY-W	mar 1 - wc	1
				3/15/2006		NO2-W	mar 1 - wc	1
				3/15/2006		NO3-W	mar 1 - wc	1
				3/15/2006		PO4-O	mar 1 - wc	1
L70402-01C				3/15/2006		NH3-W	mar 1 - nh3	1
				3/15/2006		NH3-W-PREP	mar 1 - nh3	1
L70402-01D				3/15/2006		3005A-ICPMS	mar 1 - met	1
				3/15/2006		ICP-W	mar 1 - met	1
L70402-01E				3/15/2006	Aqueous-Dissolved	3005A-Diss	mar 1 - dis met/hg	1
				3/15/2006		6020-W-DISS	mar 1 - dis met/hg	1
				3/15/2006		HARD	mar 1 - dis met/hg	1
				3/15/2006		ICP-W-DIS	mar 1 - dis met/hg	1

70462

Client Carbon Resources
Address c/o Rock Logic PO Box 544
Cedaredge CO 81413
City State Zip
Phone 435·851·9044 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield baseline
Project Number/P.O.#
Sampler Name Edward Scartezina

AMERICAN WEST ANALYTICAL LABORATORIES
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CHAIN OF CUSTODY

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Email:awal@awal-labs.com

Lab Sample Set # ~~70403~~ 70402 RW
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard
QC 1 2 2+ 3 3+ 4

Please indicate tests needed below

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	table 4 / ground water										COMMENTS
CR-06-03-ABV	2/28/06 3:00 pm	W	5	✓										
CR-06-01-BLW		W	5	✓										NOT RECEIVED
CR-06-02		W	5	✓										

Relinquished By: Signature	Date	Received By: Signature
Ed Scartezina	2-28-06	[signature]
PRINT NAME Ed SCARTEZINA	Time 4:12 Pm	PRINT NAME
Relinquished By: Signature UPS	Date 3/1/06	Received By: Signature [signature]
PRINT NAME	Time 11:05	PRINT NAME REBEKAH WINKLER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

please filter for dissolved metals

please send PDF & .XLS

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 2°C
4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Temperature	°C

		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 70402

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL															
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:

1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

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April 11, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L70885

Dear Brad Lindsay:

American West Analytical Labs received 5 samples on 3/28/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L70885-01E
Field Sample ID: **Angle Spring**
Collected: 3/27/2006 12:00:00 PM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/9/2006 2:00:33 PM	6010B	0.10	< 0.10
Arsenic	mg/L	4/4/2006 5:38:56 PM	6020	0.0050	< 0.0050
Boron	mg/L	4/9/2006 2:00:33 PM	6010B	0.50	< 0.50
Cadmium	mg/L	4/4/2006 5:38:56 PM	6020	0.0040	< 0.0040
Calcium	mg/L	4/11/2006 3:02:22 PM	6010B	10	**97**
Copper	mg/L	4/4/2006 5:38:56 PM	6020	0.0040	< 0.0040
Iron	mg/L	4/9/2006 2:00:33 PM	6010B	0.050	< 0.050
Lead	mg/L	4/4/2006 5:38:56 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	4/9/2006 2:00:33 PM	6010B	1.0	**19**
Manganese	mg/L	4/4/2006 5:38:56 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	4/9/2006 2:00:33 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/9/2006 2:00:33 PM	6010B	1.0	**1.9**
Selenium	mg/L	4/4/2006 5:38:56 PM	6020	0.0050	< 0.0050
Sodium	mg/L	4/11/2006 3:02:22 PM	6010B	1.0	**10**
Zinc	mg/L	4/4/2006 5:38:56 PM	6020	0.010	**0.052**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-02E
Field Sample ID: **Mud Creek**
Collected: 3/27/2006 1:00:00 PM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/9/2006 2:04:24 PM	6010B	0.10	< 0.10
Arsenic	mg/L	4/4/2006 5:44:22 PM	6020	0.0050	< 0.0050
Boron	mg/L	4/9/2006 2:04:24 PM	6010B	0.50	< 0.50
Cadmium	mg/L	4/4/2006 5:44:22 PM	6020	0.0040	< 0.0040
Calcium	mg/L	4/11/2006 2:14:07 PM	6010B	10	**88**
Copper	mg/L	4/4/2006 5:44:22 PM	6020	0.0040	< 0.0040
Iron	mg/L	4/9/2006 2:04:24 PM	6010B	0.050	< 0.050
Lead	mg/L	4/4/2006 5:44:22 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	4/9/2006 2:04:24 PM	6010B	1.0	**54**
Manganese	mg/L	4/4/2006 5:44:22 PM	6020	0.0050	**0.025**
Molybdenum	mg/L	4/9/2006 2:04:24 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/9/2006 2:04:24 PM	6010B	1.0	**9.7**
Selenium	mg/L	4/4/2006 5:44:22 PM	6020	0.0050	< 0.0050
Sodium	mg/L	4/11/2006 2:14:07 PM	6010B	10	**57**
Zinc	mg/L	4/4/2006 5:44:22 PM	6020	0.010	**0.026**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-03E
Field Sample ID: **Sulfer Spring**
Collected: 3/27/2006 2:15:00 PM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/9/2006 2:12:12 PM	6010B	0.10	< 0.10
Arsenic	mg/L	4/4/2006 5:55:12 PM	6020	0.0050	< 0.0050
Boron	mg/L	4/9/2006 2:12:12 PM	6010B	0.50	< 0.50
Cadmium	mg/L	4/4/2006 5:55:12 PM	6020	0.0040	< 0.0040
Calcium	mg/L	4/11/2006 3:11:01 PM	6010B	10	**89** [2]
Copper	mg/L	4/4/2006 5:55:12 PM	6020	0.0040	< 0.0040
Iron	mg/L	4/9/2006 2:12:12 PM	6010B	0.050	< 0.050
Lead	mg/L	4/4/2006 5:55:12 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	4/9/2006 2:12:12 PM	6010B	1.0	**37**
Manganese	mg/L	4/4/2006 5:55:12 PM	6020	0.0050	**0.033**
Molybdenum	mg/L	4/9/2006 2:12:12 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/9/2006 2:12:12 PM	6010B	1.0	**5.4**
Selenium	mg/L	4/4/2006 5:55:12 PM	6020	0.0050	< 0.0050
Sodium	mg/L	4/11/2006 3:11:01 PM	6010B	1.0	**9.4**
Zinc	mg/L	4/4/2006 5:55:12 PM	6020	0.010	**0.042**

[2] *Analyte concentration is too high for accurate spike recovery.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-04E
Field Sample ID: **Eagle Outlet**
Collected: 3/27/2006 3:00:00 PM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/9/2006 2:27:47 PM	6010B	0.10	< 0.10
Arsenic	mg/L	4/4/2006 6:16:49 PM	6020	0.0050	< 0.0050
Boron	mg/L	4/9/2006 2:27:47 PM	6010B	0.50	< 0.50
Cadmium	mg/L	4/4/2006 6:16:49 PM	6020	0.0040	< 0.0040
Calcium	mg/L	4/11/2006 3:27:25 PM	6010B	10	**86**
Copper	mg/L	4/4/2006 6:16:49 PM	6020	0.0040	< 0.0040
Iron	mg/L	4/9/2006 2:27:47 PM	6010B	0.050	**0.053**
Lead	mg/L	4/4/2006 6:16:49 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	4/9/2006 2:27:47 PM	6010B	1.0	**17**
Manganese	mg/L	4/4/2006 6:16:49 PM	6020	0.0050	**0.078**
Molybdenum	mg/L	4/9/2006 2:27:47 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/9/2006 2:27:47 PM	6010B	1.0	**1.8**
Selenium	mg/L	4/4/2006 6:16:49 PM	6020	0.0050	< 0.0050
Sodium	mg/L	4/11/2006 3:27:25 PM	6010B	1.0	**11**
Zinc	mg/L	4/4/2006 6:16:49 PM	6020	0.010	**0.028**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-05E
Field Sample ID: **CR-06-03-ABV**
Collected: 3/27/2006 11:00:00 AM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/9/2006 2:31:41 PM	6010B	0.10	< 0.10
Arsenic	mg/L	4/4/2006 6:33:01 PM	6020	0.0050	**0.013**
Boron	mg/L	4/9/2006 2:31:41 PM	6010B	0.50	< 0.50
Cadmium	mg/L	4/4/2006 6:33:01 PM	6020	0.0040	< 0.0040
Calcium	mg/L	4/11/2006 3:31:20 PM	6010B	10	**120**
Copper	mg/L	4/4/2006 6:33:01 PM	6020	0.0040	**0.0088**
Iron	mg/L	4/9/2006 2:31:41 PM	6010B	0.050	**0.052**
Lead	mg/L	4/4/2006 6:33:01 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	4/9/2006 2:31:41 PM	6010B	1.0	**31**
Manganese	mg/L	4/4/2006 6:33:01 PM	6020	0.0050	**0.075**
Molybdenum	mg/L	4/9/2006 2:31:41 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/9/2006 2:31:41 PM	6010B	1.0	**2.5**
Selenium	mg/L	4/4/2006 6:33:01 PM	6020	0.0050	< 0.0050
Sodium	mg/L	4/11/2006 3:31:20 PM	6010B	1.0	**9.4**
Zinc	mg/L	4/4/2006 6:33:01 PM	6020	0.010	**0.43**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-01D
Field Sample ID: **Angle Spring**
Collected: 3/27/2006 12:00:00 PM
Received: 3/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2006 2:51:28 PM	6010B	0.050	< 0.050
Manganese	mg/L	4/4/2006 9:41:07 PM	6010B	0.0050	< 0.0050

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L70885-02D
Field Sample ID: **Mud Creek**
Collected: 3/27/2006 1:00:00 PM
Received: 3/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2006 2:55:23 PM	6010B	0.050	**0.47**
Manganese	mg/L	4/4/2006 9:44:59 PM	6010B	0.0050	**0.042**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-03D
Field Sample ID: **Sulfer Spring**
Collected: 3/27/2006 2:15:00 PM
Received: 3/28/2006

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Peggy McNicol
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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2006 2:59:22 PM	6010B	0.050	< 0.050
Manganese	mg/L	4/4/2006 9:48:56 PM	6010B	0.0050	**0.032**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L70885-04D
Field Sample ID: **Eagle Outlet**
Collected: 3/27/2006 3:00:00 PM
Received: 3/28/2006

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Peggy McNicol
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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2006 3:03:19 PM	6010B	0.050	**6.5**
Manganese	mg/L	4/4/2006 9:52:51 PM	6010B	0.0050	**0.32**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-05D
Field Sample ID: **CR-06-03-ABV**
Collected: 3/27/2006 11:00:00 AM
Received: 3/28/2006

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2006 3:11:08 PM	6010B	0.050	**0.46**
Manganese	mg/L	4/4/2006 10:00:41 PM	6010B	0.0050	**0.11**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L70885-01
Field Sample ID: **Angle Spring**
Collected: 3/27/2006 12:00:00 PM
Received: 3/28/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	3/30/2006 7:35:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**300**	
Ammonia (as N)	mg/L	3/29/2006 1:46:00 PM	350.1	0.050	< 0.050	1
Bicarbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**300**	
Carbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	< 10	
Chloride	mg/L	3/29/2006 4:04:31 AM	300.0	10	**24**	
Conductivity	µmhos/cm	3/30/2006 8:00:00 AM	120.1	2.0	**670**	
Hardness (as CaCO3)	mg/L	4/11/2006	2340B	10	**320**	
Nitrate (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.92**	1
Nitrite (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.099**	1@
Oil & Grease	mg/L	3/28/2006	EPA 1664	3.0	**4.0**	
pH @ 25° C	pH Units	3/28/2006 11:35:00 AM	150.1	0	**7.04**	
Phosphate, ortho (as P)	mg/L	3/29/2006 7:27:00 AM	365.1	0.050	< 0.050	1
Settable Solids	ml/L	3/28/2006 11:30:00 AM	160.5	0.10	< 0.10	
Sulfate	mg/L	3/29/2006 4:04:31 AM	300.0	10	**15**	
TDS	mg/L	3/31/2006 1:30:00 PM	160.1	10	**190**	
TSS	mg/L	3/28/2006 3:30:00 PM	160.2	3.0	< 3.0	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-02
Field Sample ID: **Mud Creek**
Collected: 3/27/2006 1:00:00 PM
Received: 3/28/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/30/2006 7:35:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**260**
Ammonia (as N)	mg/L	3/29/2006 1:46:00 PM	350.1	0.050	**0.053**
Bicarbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**260**
Carbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/29/2006 6:17:29 AM	300.0	10	**34**
Conductivity	µmhos/cm	3/30/2006 8:00:00 AM	120.1	2.0	**1000**
Hardness (as CaCO3)	mg/L	4/11/2006	2340B	10	**440**
Nitrate (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.44**
Nitrite (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	3/28/2006	EPA 1664	3.0	**4.1**
pH @ 25° C	pH Units	3/28/2006 11:35:00 AM	150.1	0	**8.18**
Phosphate, ortho (as P)	mg/L	3/29/2006 7:27:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	3/28/2006 11:30:00 AM	160.5	0.10	**0.10**
Sulfate	mg/L	3/29/2006 6:50:43 AM	300.0	100	**250**
TDS	mg/L	3/31/2006 1:30:00 PM	160.1	10	**510**
TSS	mg/L	3/28/2006 3:30:00 PM	160.2	3.0	**28**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-03
Field Sample ID: **Sulfer Spring**
Collected: 3/27/2006 2:15:00 PM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/30/2006 7:35:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**350**
Ammonia (as N)	mg/L	3/29/2006 1:46:00 PM	350.1	0.050	**0.057**
Bicarbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**350**
Carbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/29/2006	300.0	1.0	**7.2**
Conductivity	µmhos/cm	3/30/2006 8:00:00 AM	120.1	2.0	**710**
Hardness (as CaCO3)	mg/L	4/11/2006	2340B	10	**380**
Nitrate (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.10**
Oil & Grease	mg/L	3/28/2006	EPA 1664	3.0	**4.6**
pH @ 25° C	pH Units	3/28/2006 11:35:00 AM	150.1	0	**7.38**
Phosphate, ortho (as P)	mg/L	3/29/2006 7:27:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	3/28/2006 11:30:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	3/29/2006 9:36:56 AM	300.0	10	**44**
TDS	mg/L	3/31/2006 1:30:00 PM	160.1	10	**230**
TSS	mg/L	3/28/2006 3:30:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L70885-04
Field Sample ID: **Eagle Outlet**
Collected: 3/27/2006 3:00:00 PM
Received: 3/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/30/2006 7:35:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**280**
Ammonia (as N)	mg/L	3/29/2006 1:46:00 PM	350.1	0.050	**0.11**
Bicarbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**280**
Carbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/29/2006 10:10:10 AM	300.0	10	**11**
Conductivity	µmhos/cm	3/30/2006 8:00:00 AM	120.1	2.0	**550**
Hardness (as CaCO3)	mg/L	4/11/2006	2340B	10	**280**
Nitrate (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.58**
Nitrite (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.019**
Oil & Grease	mg/L	3/28/2006	EPA 1664	3.0	**3.9**
pH @ 25° C	pH Units	3/28/2006 11:35:00 AM	150.1	0	**8.10**
Phosphate, ortho (as P)	mg/L	3/29/2006 7:27:00 AM	365.1	0.050	**0.087**
Settable Solids	ml/L	3/28/2006 11:30:00 AM	160.5	0.10	**0.20**
Sulfate	mg/L	3/29/2006 10:10:10 AM	300.0	10	**26**
TDS	mg/L	3/31/2006 1:30:00 PM	160.1	10	**270**
TSS	mg/L	3/28/2006 3:30:00 PM	160.2	3.0	**260**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L70885-05
Field Sample ID: **CR-06-03-ABV**
Collected: 3/27/2006 11:00:00 AM
Received: 3/28/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/30/2006 7:35:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**400**
Ammonia (as N)	mg/L	3/29/2006 1:46:00 PM	350.1	0.050	**0.10**
Bicarbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	**400**
Carbonate (As CaCO3)	mg/L	3/30/2006 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/29/2006 10:43:24 AM	300.0	10	**17**
Conductivity	µmhos/cm	3/30/2006 8:00:00 AM	120.1	2.0	**800**
Hardness (as CaCO3)	mg/L	4/11/2006	2340B	10	**420**
Nitrate (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.076**
Nitrite (as N)	mg/L	3/29/2006 8:48:00 AM	353.2	0.010	**0.025**
pH @ 25° C	pH Units	3/28/2006 11:35:00 AM	150.1	0	**7.14**
Phosphate, ortho (as P)	mg/L	3/29/2006 7:27:00 AM	365.1	0.050	< 0.050
Sulfate	mg/L	3/29/2006 10:43:24 AM	300.0	10	**34**
TDS	mg/L	3/31/2006 1:30:00 PM	160.1	10	**350**

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-27885	Arsenic	mg/L	6020	0.2043	0.2	0	102	85-115				4/4/2006
LCS-27885	Cadmium	mg/L	6020	0.2002	0.2	0	100	85-115				4/4/2006
LCS-27885	Copper	mg/L	6020	0.2023	0.2	0	101	85-115				4/4/2006
LCS-27885	Lead	mg/L	6020	0.2050	0.2	0	102	85-115				4/4/2006
LCS-27885	Manganese	mg/L	6020	0.2030	0.2	0	101	85-115				4/4/2006
LCS-27885	Selenium	mg/L	6020	0.2105	0.2	0	105	85-115				4/4/2006
LCS-27885	Zinc	mg/L	6020	1.021	1	0.00916	101	85-115				4/4/2006
LCS-27896	Manganese	mg/L	6010B	0.2021	0.2	0	101	75-125				4/4/2006
LCS-27949	Iron	mg/L	6010B	1.070	1	0	107	75-125				4/9/2006
LCS-27885	Aluminum	mg/L	6010B	0.9927	1	0	99.3	75-125				4/9/2006
LCS-27885	Boron	mg/L	6010B	0.9971	1	0	99.7	75-125				4/9/2006
LCS-27885	Calcium	mg/L	6010B	10.54	10	0	105	75-125				4/9/2006
LCS-27885	Iron	mg/L	6010B	1.073	1	0	107	75-125				4/9/2006
LCS-27885	Magnesium	mg/L	6010B	10.38	10	0	104	75-125				4/9/2006
LCS-27885	Molybdenum	mg/L	6010B	0.2162	0.2	0	108	75-125				4/9/2006
LCS-27885	Potassium	mg/L	6010B	10.68	10	0	107	75-125				4/9/2006
LCS-27885	Sodium	mg/L	6010B	10.24	10	0	102	75-125				4/11/2006

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QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-27885	Arsenic	mg/L	6020	< 0.0050				-				4/4/2006
MB-27885	Cadmium	mg/L	6020	< 0.0040				-				4/4/2006
MB-27885	Copper	mg/L	6020	< 0.0040				-				4/4/2006
MB-27885	Lead	mg/L	6020	< 0.0050				-				4/4/2006
MB-27885	Manganese	mg/L	6020	< 0.0050				-				4/4/2006
MB-27885	Selenium	mg/L	6020	< 0.0050				-				4/4/2006
MB-27885	Zinc	mg/L	6020	< 0.010				-				4/4/2006
MB-27896	Manganese	mg/L	6010B	< 0.0050				-				4/9/2006
MB-27949	Iron	mg/L	6010B	< 0.050				-				4/9/2006
MB-27885	Aluminum	mg/L	6010B	< 0.10				-				4/9/2006
MB-27885	Boron	mg/L	6010B	< 0.50				-				4/9/2006
MB-27885	Calcium	mg/L	6010B	< 1.0				-				4/9/2006
MB-27885	Iron	mg/L	6010B	< 0.050				-				4/9/2006
MB-27885	Magnesium	mg/L	6010B	< 1.0				-				4/9/2006
MB-27885	Molybdenum	mg/L	6010B	< 0.10				-				4/9/2006
MB-27885	Potassium	mg/L	6010B	< 1.0				-				4/11/2006
MB-27885	Sodium	mg/L	6010B	< 1.0				-				4/11/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70885-03EMS	Arsenic	mg/L	6020	0.1976	0.2	0	98.8	70-130				4/4/2006
L70885-03EMS	Cadmium	mg/L	6020	0.1957	0.2	0	97.9	70-130				4/4/2006
L70885-03EMS	Copper	mg/L	6020	0.1917	0.2	0.001473	95.1	70-130				4/4/2006
L70885-03EMS	Lead	mg/L	6020	0.1993	0.2	0	99.6	70-130				4/4/2006
L70885-03EMS	Manganese	mg/L	6020	0.2261	0.2	0.03313	96.5	70-130				4/4/2006
L70885-03EMS	Selenium	mg/L	6020	0.2030	0.2	0	102	70-130				4/4/2006
L70885-03EMS	Zinc	mg/L	6020	0.9971	1	0.04192	95.5	70-130				4/4/2006
L70885-05DMS	Manganese	mg/L	6010B	0.3010	0.2	0.1053	97.9	75-125				4/4/2006
L70885-05DMS	Iron	mg/L	6010B	1.610	1	0.4593	115	75-125				4/9/2006
L70885-03EMS	Aluminum	mg/L	6010B	1.049	1	0.04387	101	75-125				4/9/2006
L70885-03EMS	Boron	mg/L	6010B	1.030	1	0	103	75-125				4/9/2006
L70885-03EMS	Iron	mg/L	6010B	1.098	1	0.0386	106	75-125				4/9/2006
L70885-03EMS	Magnesium	mg/L	6010B	46.85	10	36.97	98.7	75-125				4/9/2006
L70885-03EMS	Molybdenum	mg/L	6010B	0.1990	0.2	0	99.5	75-125				4/9/2006
L70885-03EMS	Potassium	mg/L	6010B	16.32	10	5.424	109	75-125				4/9/2006
L70885-03EMS	Calcium	mg/L	6010B	97.95	10	89.3	86.5	75-125				4/11/2006
L70885-03EMS	Sodium	mg/L	6010B	19.52	10	9.442	101	75-125				4/11/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70885-03EMSD	Arsenic	mg/L	6020	0.2113	0.2	0	106	70-130	6.68	20		4/4/2006
L70885-03EMSD	Cadmium	mg/L	6020	0.2010	0.2	0	101	70-130	2.69	20		4/4/2006
L70885-03EMSD	Copper	mg/L	6020	0.1970	0.2	0.001473	97.8	70-130	2.73	20		4/4/2006
L70885-03EMSD	Lead	mg/L	6020	0.2086	0.2	0	104	70-130	4.56	20		4/4/2006
L70885-03EMSD	Manganese	mg/L	6020	0.2291	0.2	0.03313	98.0	70-130	1.33	20		4/4/2006
L70885-03EMSD	Selenium	mg/L	6020	0.2115	0.2	0	106	70-130	4.10	20		4/4/2006
L70885-03EMSD	Zinc	mg/L	6020	1.038	1	0.04192	99.7	70-130	4.06	20		4/4/2006
L70885-05DMSD	Manganese	mg/L	6010B	0.3045	0.2	0.1053	99.6	75-125	1.17	20		4/4/2006
L70885-05DMSD	Iron	mg/L	6010B	1.562	1	0.4593	110	75-125	3.03	20		4/9/2006
L70885-03EMSD	Aluminum	mg/L	6010B	1.038	1	0.04387	99.5	75-125	1.02	20		4/9/2006
L70885-03EMSD	Boron	mg/L	6010B	1.030	1	0	103	75-125	0.00710	20		4/9/2006
L70885-03EMSD	Iron	mg/L	6010B	1.112	1	0.0386	107	75-125	1.32	20		4/9/2006
L70885-03EMSD	Magnesium	mg/L	6010B	46.29	10	36.97	93.2	75-125	1.20	20		4/9/2006
L70885-03EMSD	Molybdenum	mg/L	6010B	0.1970	0.2	0	98.5	75-125	1.03	20		4/9/2006
L70885-03EMSD	Potassium	mg/L	6010B	16.09	10	5.424	107	75-125	1.39	20		4/9/2006
L70885-03EMSD	Calcium	mg/L	6010B	96.61	10	89.3	73.1	75-125	1.38	20	[2]	4/11/2006
L70885-03EMSD	Sodium	mg/L	6010B	19.66	10	9.442	102	75-125	0.715	20		4/11/2006

[2] Analyte concentration is too high for accurate spike recovery.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70885-01BDUP	Chloride	mg/L	300.0	22.18	0	24		-	7.88	20		3/29/2006
L70885-01BDUP	Sulfate	mg/L	300.0	15.20	0	15.48		-	1.85	20		3/29/2006
L70885-01BDUP	Conductivity	µmhos/cm	120.1	666.0	0	670		-	0.599	5		3/30/2006
L70920-01BDUP	Conductivity	µmhos/cm	120.1	61700	0	61600		-	0.162	5		3/30/2006
L70959-01BDUP	Conductivity	µmhos/cm	120.1	43700	0	43600		-	0.229	5		3/30/2006
L70882-01ADUP	pH @ 25° C	pH Units	150.1	6.860	0	6.88		-	0.291	5		3/28/2006
L70885-04BDUP	pH @ 25° C	pH Units	150.1	8.120	0	8.1		-	0.247	5		3/28/2006
L70920-02BDUP	pH @ 25° C	pH Units	150.1	7.650	0	7.65		-	0	5		3/28/2006
L70564-01ADUP	TDS	mg/L	160.1	282.0	0	280		-	0.712	20		3/31/2006
L70568-01ADUP	TDS	mg/L	160.1	236.0	0	236		-	0	20		3/31/2006
L70885-05ADUP	TDS	mg/L	160.1	330.0	0	350		-	5.88	20		3/31/2006
L70987-02DDUP	TDS	mg/L	160.1	650.0	0	620		-	4.72	20		3/31/2006
L70996-04DDUP	TDS	mg/L	160.1	3240	0	3176		-	2.00	20		3/31/2006
L70876-04BDUP	TSS	mg/L	160.2	38.00	0	40		-	5.13	20		3/28/2006
L70885-01ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		3/28/2006
L70892-03ADUP	TSS	mg/L	160.2	7.000	0	7		-	0	20		3/28/2006
L70897-02ADUP	TSS	mg/L	160.2	485.0	0	495		-	2.04	20		3/28/2006

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QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R56091	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				3/30/2006
LCS-R56105	Chloride	mg/L	300.0	4.988	5	0	99.8	90-110				3/29/2006
LCS-R56105	Sulfate	mg/L	300.0	4.986	5	0	99.7	90-110				3/29/2006
LCS-R56093	Acidity	mg/L	305.1	50.00	50	0	100	80-120				3/30/2006
LCS-R56094	Conductivity	µmhos/cm	120.1	1004	1000	0	100	98-102				3/30/2006
LCS-27808	Ammonia (as N)	mg/L	350.1	0.9520	1	0	95.2	90-110				3/29/2006
LCS-56049	Nitrite (as N)	mg/L	353.2	0.9630	1	0	96.3	90-110				3/29/2006
LCS-56047	Nitrate (as N)	mg/L	353.2	0.9640	1	0	96.4	90-110				3/29/2006
LCS-R56018	Oil & Grease	mg/L	EPA 1664	39.30	40	0	98.2	79-114				3/28/2006
LCS-R56025	pH @ 25° C	pH Units	150.1	8.990	9	0	99.9	98-102				3/28/2006
LCS-56036	Phosphate, ortho (as P)	mg/L	365.1	1.087	1	0	109	90-110				3/29/2006
LCS-R56264	TDS	mg/L	160.1	210.0	205	0	102	80-120				3/31/2006
LCS-R56044	TSS	mg/L	160.2	103.0	100	0	103	80-120				3/28/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R56091	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				3/30/2006
MB-R56091	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				3/30/2006
MB-R56091	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				3/30/2006
MB-R56105	Chloride	mg/L	300.0	< 1.0				-				3/29/2006
MB-R56105	Sulfate	mg/L	300.0	< 1.0				-				3/29/2006
MB-R56093	Acidity	mg/L	305.1	< 15				-				3/30/2006
MB-R56094	Conductivity	µmhos/cm	120.1	< 2.0				-				3/30/2006
MB-27808	Ammonia (as N)	mg/L	350.1	< 0.050				-				3/29/2006
MB-56049	Nitrite (as N)	mg/L	353.2	< 0.010				-				3/29/2006
MB-56047	Nitrate (as N)	mg/L	353.2	< 0.010				-				3/29/2006
MB-R56018	Oil & Grease	mg/L	EPA 1664	< 3.0				-				3/28/2006
MB-56036	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				3/29/2006
MB-R56264	TDS	mg/L	160.1	< 10				-				3/31/2006
MB-R56044	TSS	mg/L	160.2	< 3.0				-				3/28/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70885-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	402.0	100	303	99.0	80-120				3/30/2006
L70959-02BMS	Alkalinity,(As CaCO3)	mg/L	2320B	372.0	100	272	100	80-120				3/30/2006
L70885-01BMS	Chloride	mg/L	300.0	74.72	50	24	101	90-110				3/29/2006
L70885-01BMS	Sulfate	mg/L	300.0	67.34	50	15.48	104	90-110				3/29/2006
L70885-01BMS	Acidity	mg/L	305.1	42.00	50	0	84.0	80-120				3/30/2006
L70913-03AMS	Ammonia (as N)	mg/L	350.1	4.579	2	2.879	85.0	90-110			[1]	3/29/2006
L70885-01CMS	Ammonia (as N)	mg/L	350.1	0.8930	1	0.039	85.4	90-110			[1]	3/29/2006
L70885-01BMS	Nitrite (as N)	mg/L	353.2	0.9020	1	0.099	80.3	90-110			[1]	3/29/2006
L70885-01BMS	Nitrate (as N)	mg/L	353.2	2.008	1	0.923	108	90-110				3/29/2006
L70885-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.8680	1	0.047	82.1	90-110			[1]	3/29/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L70885-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	406.0	100	303	103	80-120	0.990	10		3/30/2006
L70959-02BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	373.0	100	272	101	80-120	0.268	10		3/30/2006
L70885-01BMSD	Chloride	mg/L	300.0	74.17	50	24	100	90-110	0.731	20		3/29/2006
L70885-01BMSD	Sulfate	mg/L	300.0	66.58	50	15.48	102	90-110	1.15	20		3/29/2006
L70885-01BMSD	Acidity	mg/L	305.1	40.00	50	0	80.0	80-120	4.88	20		3/30/2006
L70913-03AMSD	Ammonia (as N)	mg/L	350.1	4.474	2	2.879	79.8	90-110	2.32	10	'	3/29/2006
L70885-01CMSD	Ammonia (as N)	mg/L	350.1	0.8520	1	0.039	81.3	90-110	4.70	10	'	3/29/2006
L70885-01BMSD	Nitrite (as N)	mg/L	353.2	0.9970	1	0.099	89.8	90-110	10.0	10	'@	3/29/2006
L70885-01BMSD	Nitrate (as N)	mg/L	353.2	2.057	1	0.923	113	90-110	2.41	10	'	3/29/2006
L70885-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9020	1	0.047	85.5	90-110	3.84	10	'	3/29/2006

@ High RPD due to suspected matrix interference.

' Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicable [redacted]A, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached CO[redacted]port is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of [redacted] reproduction of this report in connection [redacted] advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other [redacted]e addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and [redacted]sis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC

SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R56018	Oil & Grease	mg/L	EPA 1664	39.30	40	0	98.2	79-114				3/28/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L70885
Project: Scofield Baseline

Dept: WC

SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Oualifiers	Analysis Date
QCSD-R56018	Oil & Grease	mg/L	EPA 1664	40.50	40	0	101	79-114	3.01	18		3/28/2006

All analyses applicable to CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith

American West Analytical Labs

WORK ORDER Summary

29-Mar-06

Work Order L70885

Client ID: WHI100 **QC Level:** 2+ hold

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+. Include EDD in Excel format. Footnote report, pH received outside of hold.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70885-01A	Angle Spring	3/27/2006 12:00:00 PM	3/28/2006	4/11/2006	Aqueous	SS	ww - tss/tds/ss	1
				4/11/2006		TDS-W	ww - tss/tds/ss	1
				4/11/2006		TSS-W	ww - tss/tds/ss	1
L70885-01B				4/11/2006		2320B-ALK-W	mar 28 - wc	1
				4/11/2006		300.0-W	mar 28 - wc	1
				4/11/2006		ACIDITY-W	mar 28 - wc	1
				4/11/2006		COND-W	mar 28 - wc	1
				4/11/2006		NO2-W	mar 28 - wc	1
				4/11/2006		NO3-W	mar 28 - wc	1
				4/11/2006		PH-W	mar 28 - wc	1
				4/11/2006		PO4-O	mar 28 - wc	1
L70885-01C				4/11/2006		NH3-W	mar 28 - nh3	1
				4/11/2006		NH3-W-PREP	mar 28 - nh3	1
L70885-01D				4/11/2006		3005A-ICPMS	mar 28 - met	1
				4/11/2006		ICP-W	mar 28 - met	1
L70885-01E				4/11/2006	Aqueous-Dissolved	3005A-Diss	mar 28 - dis met/hg	1
				4/11/2006		6020-W-DISS	mar 28 - dis met/hg	1
				4/11/2006		HARD	mar 28 - dis met/hg	1
				4/11/2006		ICP-W-DIS	mar 28 - dis met/hg	1
L70885-01F				4/11/2006	Aqueous	OGB-W	ogb	1
L70885-02A	Mud Creek	3/27/2006 1:00:00 PM		4/11/2006		SS	ww - tss/tds/ss	1
				4/11/2006		TDS-W	ww - tss/tds/ss	1
				4/11/2006		TSS-W	ww - tss/tds/ss	1
L70885-02B				4/11/2006		2320B-ALK-W	mar 28 - wc	1
				4/11/2006		300.0-W	mar 28 - wc	1
				4/11/2006		ACIDITY-W	mar 28 - wc	1
				4/11/2006		COND-W	mar 28 - wc	1

70885

WORK ORDER Summary

29-Mar-06

Work Order L70885

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+. Include EDD in Excel format. Footnote report, pH received outside of hold.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70885-02B	Mud Creek	3/27/2006 1:00:00 PM	3/28/2006	4/11/2006	Aqueous	NO2-W	mar 28 - wc	1
				4/11/2006		NO3-W	mar 28 - wc	1
				4/11/2006		PH-W	mar 28 - wc	1
				4/11/2006		PO4-O	mar 28 - wc	1
L70885-02C				4/11/2006		NH3-W	mar 28 - nh3	1
				4/11/2006		NH3-W-PREP	mar 28 - nh3	1
L70885-02D				4/11/2006		3005A-ICPMS	mar 28 - met	1
				4/11/2006		ICP-W	mar 28 - met	1
L70885-02E				4/11/2006	Aqueous-Dissolved	3005A-Diss	mar 28 - dis met/hg	1
				4/11/2006		6020-W-DISS	mar 28 - dis met/hg	1
				4/11/2006		HARD	mar 28 - dis met/hg	1
				4/11/2006		ICP-W-DIS	mar 28 - dis met/hg	1
L70885-02F				4/11/2006	Aqueous	OGB-W	ogb	1
L70885-03A	Sulfer Spring	3/27/2006 2:15:00 PM		4/11/2006		SS	ww - tss/tds/ss	1
				4/11/2006		TDS-W	ww - tss/tds/ss	1
				4/11/2006		TSS-W	ww - tss/tds/ss	1
L70885-03B				4/11/2006		2320B-ALK-W	mar 28 - wc	1
				4/11/2006		300.0-W	mar 28 - wc	1
				4/11/2006		ACIDITY-W	mar 28 - wc	1
				4/11/2006		COND-W	mar 28 - wc	1
				4/11/2006		NO2-W	mar 28 - wc	1
				4/11/2006		NO3-W	mar 28 - wc	1
				4/11/2006		PH-W	mar 28 - wc	1
				4/11/2006		PO4-O	mar 28 - wc	1
L70885-03C				4/11/2006		NH3-W	mar 28 - nh3	1
				4/11/2006		NH3-W-PREP	mar 28 - nh3	1
L70885-03D				4/11/2006		3005A-ICPMS	mar 28 - met	1
				4/11/2006		ICP-W	mar 28 - met	1

WORK ORDER Summary

29-Mar-06

Work Order L70885

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+. Include EDD in Excel format. Footnote report, pH received outside of hold.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70885-03E	Sulfer Spring	3/27/2006 2:15:00 PM	3/28/2006	4/11/2006	Aqueous-Dissolved	3005A-Diss	mar 28 - dis met/hg	1
				4/11/2006		6020-W-DISS	mar 28 - dis met/hg	1
				4/11/2006		HARD	mar 28 - dis met/hg	1
				4/11/2006		ICP-W-DIS	mar 28 - dis met/hg	1
L70885-03F				4/11/2006	Aqueous	OGB-W	ogb	1
L70885-04A	Eagle Outlet	3/27/2006 3:00:00 PM		4/11/2006		SS	ww - tss/tds/ss	1
				4/11/2006		TDS-W	ww - tss/tds/ss	1
				4/11/2006		TSS-W	ww - tss/tds/ss	1
L70885-04B				4/11/2006		2320B-ALK-W	mar 28 - wc	1
				4/11/2006		300.0-W	mar 28 - wc	1
				4/11/2006		ACIDITY-W	mar 28 - wc	1
				4/11/2006		COND-W	mar 28 - wc	1
				4/11/2006		NO2-W	mar 28 - wc	1
				4/11/2006		NO3-W	mar 28 - wc	1
				4/11/2006		PH-W	mar 28 - wc	1
				4/11/2006		PO4-O	mar 28 - wc	1
L70885-04C				4/11/2006		NH3-W	mar 28 - nh3	1
				4/11/2006		NH3-W-PREP	mar 28 - nh3	1
L70885-04D				4/11/2006		3005A-ICPMS	mar 28 - met	1
				4/11/2006		ICP-W	mar 28 - met	1
L70885-04E				4/11/2006	Aqueous-Dissolved	3005A-Diss	mar 28 - dis met/hg	1
				4/11/2006		6020-W-DISS	mar 28 - dis met/hg	1
				4/11/2006		HARD	mar 28 - dis met/hg	1
				4/11/2006		ICP-W-DIS	mar 28 - dis met/hg	1
L70885-04F				4/11/2006	Aqueous	OGB-W	ogb	1
L70885-05A	CR-06-03-ABV	3/27/2006 11:00:00 AM		4/11/2006		TDS-W	ww - tds	1
L70885-05B				4/11/2006		2320B-ALK-W	mar 28 - wc	1
				4/11/2006		300.0-W	mar 28 - wc	1

WORK ORDER Summary

29-Mar-06

Work Order L70885

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+. Include EDD in Excel format. Footnote report, pH received outside of hold.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L70885-05B	CR-06-03-ABV	3/27/2006 11:00:00 AM	3/28/2006	4/11/2006	Aqueous	ACIDITY-W	mar 28 - wc	1
				4/11/2006		COND-W	mar 28 - wc	1
				4/11/2006		NO2-W	mar 28 - wc	1
				4/11/2006		NO3-W	mar 28 - wc	1
				4/11/2006		PH-W	mar 28 - wc	1
				4/11/2006		PO4-O	mar 28 - wc	1
L70885-05C				4/11/2006		NH3-W	mar 28 - nh3	1
				4/11/2006		NH3-W-PREP	mar 28 - nh3	1
L70885-05D				4/11/2006		3005A-ICPMS	mar 28 - met	1
				4/11/2006		ICP-W	mar 28 - met	1
L70885-05E				4/11/2006	Aqueous-Dissolved	3005A-Diss	mar 28 - dis met/hg	1
				4/11/2006		6020-W-DISS	mar 28 - dis met/hg	1
				4/11/2006		HARD	mar 28 - dis met/hg	1
				4/11/2006		ICP-W-DIS	mar 28 - dis met/hg	1

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CHAIN OF CUSTODY

Lab Sample Set # 26885

Page _____ of _____

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Client Carbon Resources
Address c/o Rock Logic PO Box 544
Cedaredge CO 81413
City State Zip
Phone 435-851-9044 Fax _____
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield Baseline
Project Number/P.O.# _____
Sampler Name Brad Lindsay

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	See Table 3	See Table 4	pH	Specific Conductivity							COMMENTS
Angle Spring	3-27-06 / 1200	W	6	✓		✓	✓							
Mud Creek	3-27-06 / 1300	W	6	✓		✓	✓							
Culter Spring	3-27-06 / 1315	W	6	✓		✓	✓							
Eagle Outlet	3-27-06 / 1500	W	6	✓		✓	✓							
CR-06-03-ABV	3-27-06 / 1100	W	5		✓	✓	✓							

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 1.5°C
4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:
pH

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 17:00	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 3/28/06	Received By: Signature
PRINT NAME	Time 1050	PRINT NAME Elena Hayward

Special Instructions:

please filter for dissolved metals

2006年03月27日 (日) 15:24 MWL FAX号:801 263 8687 P.001/001

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Temperature	°C

		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

[1] These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Preservation Check Sheet

Sample Set: 70885

Sample Set Extension and pH

Bottle Type	Preservative	All OK														
Ammonia[1]	pH <2 H_2SO_4	✓														
COD[1]	pH <2 H_2SO_4															
Cyanide	pH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3[1]	pH <2 H_2SO_4															
Nutrients[1]	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols[2]	pH <2 H_2SO_4															
Sulfide	pH > 9 NaOH, ZnAC															
TKN[1]	pH <2 H_2SO_4															
TOC[1]	pH <2 H_2SO_4															
TOX[2]	pH <2 H_2SO_4															
T PO4[1]	pH <2 H_2SO_4															
Mixed Analysis[1]	pH <2 H_2SO_4															
Mixed Analysis[2]	pH <2 H_2SO_4															

Procedure:
1) Pour a small amount of sample in the lid
2) Pour sample from lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

Mixed Analysis [1] = Samples preserved with a pH <2 H_2SO_4 in HDPE
Mixed Analysis [2] = Samples preserved with a pH <2 H_2SO_4 in a B.R.

Frequency: All samples requiring preservation

May 15, 2006

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 835-3715
FAX:

RE: Scofield Baseline

Lab Set ID: L71507

Dear Brad Lindsay:

American West Analytical Labs received 6 samples on 4/28/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-01D
Field Sample ID: **Eagle Outlet**
Collected: 4/26/2006 11:00:00 AM
Received: 4/28/2006

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
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Toll Free (888) 263-8686
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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/11/2006 9:43:09 PM	6010B	0.050	**5.7**
Manganese	mg/L	5/11/2006 9:43:09 PM	6010B	0.0050	**0.34**

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INORGANIC ANALYSIS REPORT

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-02D
Field Sample ID: **Sulfer Spring**
Collected: 4/26/2006 11:50:00 AM
Received: 4/28/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/11/2006 9:47:03 PM	6010B	0.050	< 0.050
Manganese	mg/L	5/11/2006 9:47:03 PM	6010B	0.0050	**0.030**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-03D
Field Sample ID: **Angle Spring**
Collected: 4/26/2006 2:45:00 PM
Received: 4/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/11/2006 9:50:56 PM	6010B	0.050	< 0.050
Manganese	mg/L	5/11/2006 9:50:56 PM	6010B	0.0050	< 0.0050

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-04D
Field Sample ID: **Mud Creek**
Collected: 4/26/2006 6:50:00 PM
Received: 4/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/11/2006 10:02:44 PM	6010B	0.050	**2.7**
Manganese	mg/L	5/11/2006 10:02:44 PM	6010B	0.0050	**0.15**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-05D
Field Sample ID: **CR-06-03-ABV**
Collected: 4/26/2006 1:15:00 PM
Received: 4/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/11/2006 10:06:39 PM	6010B	0.050	**0.99**
Manganese	mg/L	5/11/2006 10:06:39 PM	6010B	0.0050	**0.063**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-06D
Field Sample ID: **Eagle Spring**
Collected: 4/26/2006 11:30:00 AM
Received: 4/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/11/2006 10:14:29 PM	6010B	0.050	**2.7** [1]
Manganese	mg/L	5/11/2006 10:14:29 PM	6010B	0.0050	**0.016**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-01E
Field Sample ID: **Eagle Outlet**
Collected: 4/26/2006 11:00:00 AM
Received: 4/28/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/15/2006 4:05:20 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/13/2006 5:34:10 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/15/2006 8:01:31 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/13/2006 5:34:10 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/15/2006 6:54:15 AM	6010B	10	**100**
Copper	mg/L	5/13/2006 5:34:10 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/15/2006 8:01:31 AM	6010B	0.050	< 0.050
Lead	mg/L	5/13/2006 5:34:10 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/15/2006 6:54:15 AM	6010B	10	**18**
Manganese	mg/L	5/13/2006 5:34:10 PM	6020	0.0050	**0.074**
Molybdenum	mg/L	5/15/2006 8:01:31 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/15/2006 8:01:31 AM	6010B	1.0	**1.5**
Selenium	mg/L	5/13/2006 5:34:10 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/15/2006 6:54:15 AM	6010B	10	**19**
Zinc	mg/L	5/13/2006 5:34:10 PM	6020	0.010	**0.023**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-02E
Field Sample ID: **Sulfer Spring**
Collected: 4/26/2006 11:50:00 AM
Received: 4/28/2006

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/15/2006 4:09:22 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/13/2006 5:44:57 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/15/2006 8:05:23 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/13/2006 5:44:57 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/15/2006 6:58:08 AM	6010B	10	**95**
Copper	mg/L	5/13/2006 5:44:57 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/15/2006 8:05:23 AM	6010B	0.050	< 0.050
Lead	mg/L	5/13/2006 5:44:57 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/15/2006 6:58:08 AM	6010B	10	**38**
Manganese	mg/L	5/13/2006 5:44:57 PM	6020	0.0050	**0.027**
Molybdenum	mg/L	5/15/2006 8:05:23 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/15/2006 8:05:23 AM	6010B	1.0	**4.3**
Selenium	mg/L	5/13/2006 5:44:57 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/15/2006 6:58:08 AM	6010B	10	**19**
Zinc	mg/L	5/13/2006 5:44:57 PM	6020	0.010	**0.034**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-03E
Field Sample ID: **Angle Spring**
Collected: 4/26/2006 2:45:00 PM
Received: 4/28/2006

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/15/2006 4:13:16 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/13/2006 5:50:19 PM	6020	0.0050	**0.0086**
Boron	mg/L	5/15/2006 8:09:17 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/13/2006 5:50:19 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/15/2006 7:02:02 AM	6010B	10	**100**
Copper	mg/L	5/13/2006 5:50:19 PM	6020	0.0040	**0.0046**
Iron	mg/L	5/15/2006 8:09:17 AM	6010B	0.050	< 0.050
Lead	mg/L	5/13/2006 5:50:19 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/15/2006 7:02:02 AM	6010B	10	**20**
Manganese	mg/L	5/13/2006 5:50:19 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	5/15/2006 8:09:17 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/15/2006 8:09:17 AM	6010B	1.0	< 1.0
Selenium	mg/L	5/13/2006 5:50:19 PM	6020	0.0050	**0.013**
Sodium	mg/L	5/15/2006 7:02:02 AM	6010B	10	**21**
Zinc	mg/L	5/13/2006 5:50:19 PM	6020	0.010	**0.11**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-04E
Field Sample ID: **Mud Creek**
Collected: 4/26/2006 6:50:00 PM
Received: 4/28/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/15/2006 4:17:09 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/13/2006 5:55:42 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/15/2006 8:13:12 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/13/2006 5:55:42 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/15/2006 7:05:56 AM	6010B	10	**76**
Copper	mg/L	5/13/2006 5:55:42 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/15/2006 8:13:12 AM	6010B	0.050	< 0.050
Lead	mg/L	5/13/2006 5:55:42 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/15/2006 7:05:56 AM	6010B	10	**30**
Manganese	mg/L	5/13/2006 5:55:42 PM	6020	0.0050	**0.022**
Molybdenum	mg/L	5/15/2006 8:13:12 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/15/2006 8:13:12 AM	6010B	1.0	**3.8**
Selenium	mg/L	5/13/2006 5:55:42 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/15/2006 7:05:56 AM	6010B	10	**48**
Zinc	mg/L	5/13/2006 5:55:42 PM	6020	0.010	**0.023**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-05E
Field Sample ID: **CR-06-03-ABV**
Collected: 4/26/2006 1:15:00 PM
Received: 4/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/15/2006 4:24:58 PM	6010B	0.10	< 0.10
Arsenic	mg/L	5/13/2006 6:01:06 PM	6020	0.0050	**0.026**
Boron	mg/L	5/15/2006 8:21:03 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/13/2006 6:01:06 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/15/2006 7:13:44 AM	6010B	10	**130**
Copper	mg/L	5/13/2006 6:01:06 PM	6020	0.0040	**0.011**
Iron	mg/L	5/15/2006 8:21:03 AM	6010B	0.050	< 0.050
Lead	mg/L	5/13/2006 6:01:06 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/15/2006 7:13:44 AM	6010B	10	**31**
Manganese	mg/L	5/13/2006 6:01:06 PM	6020	0.0050	**0.058**
Molybdenum	mg/L	5/15/2006 8:21:03 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/15/2006 8:21:03 AM	6010B	1.0	**1.4**
Selenium	mg/L	5/13/2006 6:01:06 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/15/2006 7:13:44 AM	6010B	10	**21**
Zinc	mg/L	5/13/2006 6:01:06 PM	6020	0.010	**0.40**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-06E
Field Sample ID: **Eagle Spring**
Collected: 4/26/2006 11:30:00 AM
Received: 4/28/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/15/2006 4:48:41 PM	6010B	0.10	**1.5**
Arsenic	mg/L	5/13/2006 6:17:20 PM	6020	0.0050	**0.0056**
Boron	mg/L	5/15/2006 8:36:50 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/13/2006 6:17:20 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/15/2006 8:36:50 AM	6010B	1.0	**15**
Copper	mg/L	5/13/2006 6:17:20 PM	6020	0.0040	**0.0058**
Iron	mg/L	5/15/2006 8:36:50 AM	6010B	0.050	**1.1**
Lead	mg/L	5/13/2006 6:17:20 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/15/2006 8:36:50 AM	6010B	1.0	**3.3**
Manganese	mg/L	5/13/2006 6:17:20 PM	6020	0.0050	**0.0060**
Molybdenum	mg/L	5/15/2006 8:36:50 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/15/2006 8:36:50 AM	6010B	1.0	**1.3**
Selenium	mg/L	5/13/2006 6:17:20 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/15/2006 8:36:50 AM	6010B	1.0	**25**
Zinc	mg/L	5/13/2006 6:17:20 PM	6020	0.010	**0.026**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-01
Field Sample ID: **Eagle Outlet**
Collected: 4/26/2006 11:00:00 AM
Received: 4/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	5/2/2006 7:00:00 PM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**300**	
Ammonia (as N)	mg/L	5/3/2006 3:13:00 PM	350.1	0.050	**0.16**	
Bicarbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**280**	
Carbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**21**	
Chloride	mg/L	5/12/2006 5:52:06 AM	300.0	5.0	**39**	
Hardness (as CaCO3)	mg/L	5/15/2006	2340B	10	**330**	
Nitrate/Nitrite (as N)	mg/L	5/4/2006 10:02:00 AM	353.2	0.010	**0.33**	
Oil & Grease	mg/L	5/5/2006	EPA 1664	3.0	**3.9**	
Phosphate, ortho (as P)	mg/L	4/28/2006 11:34:00 AM	365.1	0.050	**0.069**	**H**
Settable Solids	ml/L	4/28/2006	160.5	0.10	**0.30**	
Sulfate	mg/L	5/12/2006 5:52:06 AM	300.0	5.0	**48**	
TDS	mg/L	4/28/2006 3:00:00 PM	160.1	10	**360**	
TSS	mg/L	4/28/2006 6:30:00 PM	160.2	3.0	**270**	

H - Insufficient time was given for sample to be run within the hold time.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-02
Field Sample ID: **Sulfer Spring**
Collected: 4/26/2006 11:50:00 AM
Received: 4/28/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/2/2006 7:00:00 PM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**380**
Ammonia (as N)	mg/L	5/3/2006 3:13:00 PM	350.1	0.050	**0.15**
Bicarbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**380**
Carbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	< 10
Chloride	mg/L	5/12/2006 8:38:31 AM	300.0	1.0	**6.1**
Hardness (as CaCO3)	mg/L	5/15/2006	2340B	10	**390**
Nitrate/Nitrite (as N)	mg/L	5/4/2006 10:02:00 AM	353.2	0.010	**0.022**
Oil & Grease	mg/L	5/5/2006	EPA 1664	3.0	**3.9**
Phosphate, ortho (as P)	mg/L	4/28/2006 11:34:00 AM	365.1	0.050	**< 0.050**
Settable Solids	ml/L	4/28/2006	160.5	0.10	< 0.10
Sulfate	mg/L	5/12/2006 8:38:31 AM	300.0	10	**29**
TDS	mg/L	4/28/2006 3:00:00 PM	160.1	10	**360**
TSS	mg/L	4/28/2006 6:30:00 PM	160.2	3.0	**17**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-03
Field Sample ID: **Angle Spring**
Collected: 4/26/2006 2:45:00 PM
Received: 4/28/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/2/2006 7:00:00 PM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**300**
Ammonia (as N)	mg/L	5/3/2006 3:13:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**300**
Carbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	< 10
Chloride	mg/L	5/12/2006 9:45:05 AM	300.0	10	**22**
Hardness (as CaCO3)	mg/L	5/15/2006	2340B	10	**340**
Nitrate/Nitrite (as N)	mg/L	5/4/2006 10:02:00 AM	353.2	0.010	**1.4**
Oil & Grease	mg/L	5/5/2006	EPA 1664	3.0	**3.8**
Phosphate, ortho (as P)	mg/L	4/28/2006 11:34:00 AM	365.1	0.050	**< 0.050**
Settable Solids	ml/L	4/28/2006	160.5	0.10	< 0.10
Sulfate	mg/L	5/12/2006 9:45:05 AM	300.0	10	**19**
TDS	mg/L	4/28/2006 3:00:00 PM	160.1	10	**310**
TSS	mg/L	4/28/2006 6:30:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-04
Field Sample ID: **Mud Creek**
Collected: 4/26/2006 6:50:00 PM
Received: 4/28/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/2/2006 7:00:00 PM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**280**
Ammonia (as N)	mg/L	5/3/2006 3:13:00 PM	350.1	0.050	**0.11**
Bicarbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**280**
Carbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**< 10**
Chloride	mg/L	5/12/2006 11:24:55 AM	300.0	10	**30**
Hardness (as CaCO3)	mg/L	5/15/2006	2340B	10	**310**
Nitrate/Nitrite (as N)	mg/L	5/4/2006 10:02:00 AM	353.2	0.010	**0.36**
Oil & Grease	mg/L	5/5/2006	EPA 1664	3.0	**3.8**
Phosphate, ortho (as P)	mg/L	4/28/2006 11:34:00 AM	365.1	0.050	**< 0.050**
Settable Solids	ml/L	4/28/2006	160.5	0.10	**0.60**
Sulfate	mg/L	5/12/2006 11:24:55 AM	300.0	10	**88**
TDS	mg/L	4/28/2006 3:00:00 PM	160.1	10	**410**
TSS	mg/L	4/28/2006 6:30:00 PM	160.2	3.0	**270**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-05
Field Sample ID: **CR-06-03-ABV**
Collected: 4/26/2006 1:15:00 PM
Received: 4/28/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/2/2006 7:00:00 PM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**410**
Ammonia (as N)	mg/L	5/3/2006 3:13:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**410**
Carbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	< 10
Chloride	mg/L	5/13/2006 12:31:30 PM	300.0	10	**17**
Hardness (as CaCO3)	mg/L	5/15/2006	2340B	10	**450**
Nitrate/Nitrite (as N)	mg/L	5/4/2006 10:02:00 AM	353.2	0.010	**0.024**
Phosphate, ortho (as P)	mg/L	4/28/2006 11:34:00 AM	365.1	0.050	**< 0.050**
Sulfate	mg/L	5/13/2006 12:31:30 PM	300.0	10	**31**
TDS	mg/L	4/28/2006 3:00:00 PM	160.1	10	**410**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L71507-06
Field Sample ID: **Eagle Spring**
Collected: 4/26/2006 11:30:00 AM
Received: 4/28/2006

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	5/2/2006 7:00:00 PM	305.1	15	**24**	
Alkalinity,(As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**64**	
Ammonia (as N)	mg/L	5/3/2006 3:13:00 PM	350.1	0.050	**0.081**	
Bicarbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	**64**	
Carbonate (As CaCO3)	mg/L	5/2/2006 5:20:00 PM	2320B	10	< 10	
Chloride	mg/L	5/13/2006 1:04:46 AM	300.0	1.0	**3.8**	
Hardness (as CaCO3)	mg/L	5/15/2006	2340B	10	**51**	
Nitrate/Nitrite (as N)	mg/L	5/4/2006 10:02:00 AM	353.2	0.010	**0.31**	
Oil & Grease	mg/L	5/5/2006	EPA 1664	3.0	**3.3**	
Phosphate, ortho (as P)	mg/L	4/28/2006 11:34:00 AM	365.1	0.050	**0.11**	H
Settable Solids	ml/L	4/28/2006	160.5	0.10	< 0.10	
Sulfate	mg/L	5/13/2006 1:04:46 AM	300.0	1.0	**4.8**	
TDS	mg/L	4/28/2006 3:00:00 PM	160.1	10	**150**	
TSS	mg/L	4/28/2006 6:30:00 PM	160.2	3.0	**36**	~

H - Insufficient time was given for sample to be run within the hold time.
~ High RPD due to suspected sample non-homogeneity.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-28373	Manganese	mg/L	6020	0.1830	0.2	0	91.5	85-115				5/11/2006
LCS-28373	Arsenic	mg/L	6020	0.1780	0.2	0	89.0	85-115				5/13/2006
LCS-28373	Cadmium	mg/L	6020	0.1737	0.2	0	86.9	85-115				5/13/2006
LCS-28373	Copper	mg/L	6020	0.1735	0.2	0.00107	86.2	85-115				5/13/2006
LCS-28373	Lead	mg/L	6020	0.1706	0.2	0	85.3	85-115				5/13/2006
LCS-28373	Selenium	mg/L	6020	0.1832	0.2	0	91.6	85-115				5/13/2006
LCS-28373	Zinc	mg/L	6020	0.9097	1	0.009547	90.0	85-115				5/13/2006
LCS-28398	Iron	mg/L	6010B	1.045	1	0	105	75-125				5/11/2006
LCS-28398	Manganese	mg/L	6010B	0.2076	0.2	0	104	75-125				5/11/2006
LCS-28373	Boron	mg/L	6010B	1.096	1	0	110	75-125				5/15/2006
LCS-28373	Calcium	mg/L	6010B	11.10	10	0	111	75-125				5/15/2006
LCS-28373	Iron	mg/L	6010B	1.121	1	0	112	75-125				5/15/2006
LCS-28373	Magnesium	mg/L	6010B	10.99	10	0	110	75-125				5/15/2006
LCS-28373	Molybdenum	mg/L	6010B	0.2151	0.2	0	108	75-125				5/15/2006
LCS-28373	Potassium	mg/L	6010B	9.686	10	0	96.9	75-125				5/15/2006
LCS-28373	Sodium	mg/L	6010B	10.96	10	0	110	75-125				5/15/2006
LCS-28373	Aluminum	mg/L	6010B	0.8928	1	0	89.3	75-125				5/15/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and analysis in good faith and according to the rules of trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-28373	Manganese	mg/L	6020	< 0.0050				-				5/11/2006
MB-28373	Arsenic	mg/L	6020	< 0.0050				-				5/13/2006
MB-28373	Cadmium	mg/L	6020	< 0.0040				-				5/13/2006
MB-28373	Copper	mg/L	6020	< 0.0040				-				5/13/2006
MB-28373	Lead	mg/L	6020	< 0.0050				-				5/13/2006
MB-28373	Selenium	mg/L	6020	< 0.0050				-				5/13/2006
MB-28373	Zinc	mg/L	6020	< 0.010				-				5/13/2006
MB-28398	Iron	mg/L	6010B	< 0.050				-				5/11/2006
MB-28398	Manganese	mg/L	6010B	< 0.0050				-				5/11/2006
MB-28373	Boron	mg/L	6010B	< 0.50				-				5/15/2006
MB-28373	Calcium	mg/L	6010B	< 1.0				-				5/15/2006
MB-28373	Iron	mg/L	6010B	< 0.050				-				5/15/2006
MB-28373	Magnesium	mg/L	6010B	< 1.0				-				5/15/2006
MB-28373	Molybdenum	mg/L	6010B	< 0.10				-				5/15/2006
MB-28373	Potassium	mg/L	6010B	< 1.0				-				5/15/2006
MB-28373	Sodium	mg/L	6010B	< 1.0				-				5/15/2006
MB-28373	Aluminum	mg/L	6010B	< 0.10				-				5/15/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L71515-01IMS	Manganese	mg/L	6020	0.2419	0.2	0.05501	93.4	70-130				5/12/2006
L71507-05EMS	Arsenic	mg/L	6020	0.2505	0.2	0.026	112	70-130				5/13/2006
L71507-05EMS	Cadmium	mg/L	6020	0.2041	0.2	0	102	70-130				5/13/2006
L71507-05EMS	Copper	mg/L	6020	0.2038	0.2	0.01117	96.3	70-130				5/13/2006
L71507-05EMS	Lead	mg/L	6020	0.1988	0.2	0	99.4	70-130				5/13/2006
L71507-05EMS	Manganese	mg/L	6020	0.2630	0.2	0.05754	103	70-130				5/13/2006
L71507-05EMS	Selenium	mg/L	6020	0.2131	0.2	0	107	70-130				5/13/2006
L71507-05EMS	Zinc	mg/L	6020	1.464	1	0.3983	107	70-130				5/13/2006
L71507-06DMS	Iron	mg/L	6010B	4.063	1	2.737	133	75-125			[1]	5/11/2006
L71507-06DMS	Manganese	mg/L	6010B	0.2261	0.2	0.01567	105	75-125				5/11/2006
L71515-01HMS	Iron	mg/L	6010B	3.513	1	2.519	99.4	75-125				5/11/2006
L71507-05EMS	Calcium	mg/L	6010B	137.2	10	127.6	96.2	75-125				5/15/2006
L71507-05EMS	Magnesium	mg/L	6010B	41.60	10	30.83	108	75-125				5/15/2006
L71507-05EMS	Sodium	mg/L	6010B	31.64	10	20.88	108	75-125				5/15/2006
L71507-05EMS	Boron	mg/L	6010B	1.160	1	0.0484	111	75-125				5/15/2006
L71507-05EMS	Iron	mg/L	6010B	1.127	1	0	113	75-125				5/15/2006
L71507-05EMS	Molybdenum	mg/L	6010B	0.2089	0.2	0	104	75-125				5/15/2006
L71507-05EMS	Potassium	mg/L	6010B	13.05	10	1.431	116	75-125				5/15/2006
L71507-05EMS	Aluminum	mg/L	6010B	0.9504	1	0	95.0	75-125				5/15/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L71515-01IMSD	Manganese	mg/L	6020	0.2504	0.2	0.05501	97.7	70-130	3.47	20		5/12/2006
L71507-05EMSD	Arsenic	mg/L	6020	0.2466	0.2	0.026	110	70-130	1.59	20		5/13/2006
L71507-05EMSD	Cadmium	mg/L	6020	0.2016	0.2	0	101	70-130	1.23	20		5/13/2006
L71507-05EMSD	Copper	mg/L	6020	0.2009	0.2	0.01117	94.9	70-130	1.43	20		5/13/2006
L71507-05EMSD	Lead	mg/L	6020	0.1996	0.2	0	99.8	70-130	0.365	20		5/13/2006
L71507-05EMSD	Manganese	mg/L	6020	0.2622	0.2	0.05754	102	70-130	0.325	20		5/13/2006
L71507-05EMSD	Selenium	mg/L	6020	0.2216	0.2	0	111	70-130	3.92	20		5/13/2006
L71507-05EMSD	Zinc	mg/L	6020	1.454	1	0.3983	106	70-130	0.696	20		5/13/2006
L71507-06DMSD	Iron	mg/L	6010B	4.290	1	2.737	155	75-125	5.44	20	[1]	5/11/2006
L71507-06DMSD	Manganese	mg/L	6010B	0.2298	0.2	0.01567	107	75-125	1.64	20		5/11/2006
L71515-01HMSD	Iron	mg/L	6010B	3.560	1	2.519	104	75-125	1.33	20		5/11/2006
L71507-05EMSD	Calcium	mg/L	6010B	138.3	10	127.6	107	75-125	0.760	20		5/15/2006
L71507-05EMSD	Magnesium	mg/L	6010B	41.54	10	30.83	107	75-125	0.147	20		5/15/2006
L71507-05EMSD	Sodium	mg/L	6010B	31.66	10	20.88	108	75-125	0.0848	20		5/15/2006
L71507-05EMSD	Boron	mg/L	6010B	1.172	1	0.0484	112	75-125	1.01	20		5/15/2006
L71507-05EMSD	Iron	mg/L	6010B	1.129	1	0	113	75-125	0.186	20		5/15/2006
L71507-05EMSD	Molybdenum	mg/L	6010B	0.2124	0.2	0	106	75-125	1.66	20		5/15/2006
L71507-05EMSD	Potassium	mg/L	6010B	13.58	10	1.431	122	75-125	4.02	20		5/15/2006
L71507-05EMSD	Aluminum	mg/L	6010B	0.8587	1	0	85.9	75-125	10.1	20		5/15/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L71465-04CDUP	TDS	mg/L	160.1	620.0	0	620		-	0	20		4/28/2006
L71467-01CDUP	TDS	mg/L	160.1	10380	0	10360		-	0.193	20		4/28/2006
L71309-02CDUP	TDS	mg/L	160.1	860.0	0	804		-	6.73	20	H	4/28/2006
L71500-04BDUP	TDS	mg/L	160.1	34300	0	33100		-	3.56	20		4/28/2006
L71507-06ADUP	TDS	mg/L	160.1	156.0	0	148		-	5.26	20		4/28/2006
L71493-02ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		4/28/2006
L71507-06ADUP	TSS	mg/L	160.2	12.00	0	36		-	100	20	~	4/28/2006

~ High RPD due to suspected sample non-homogeneity.
H - Sample was received outside of holding time.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R57203	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				5/2/2006
LCS	Chloride	mg/L	300.0	4.730	5	0	94.6	90-110				5/12/2006
LCS	Sulfate	mg/L	300.0	4.814	5	0	96.3	90-110				5/12/2006
LCS-R57200	Acidity	mg/L	305.1	55.00	50	0	110	80-120				5/2/2006
LCS-28383	Ammonia (as N)	mg/L	350.1	1.015	1	0.036	97.9	90-110				5/3/2006
LCS-57267	Nitrate/Nitrite (as N)	mg/L	353.2	1.010	1	0	101	90-110				5/4/2006
LCS-R57344	Oil & Grease	mg/L	EPA 1664	42.80	40	0	107	79-114				5/5/2006
LCS-57077	Phosphate, ortho (as P)	mg/L	365.1	0.9840	1	0	98.4	90-110				4/28/2006
LCS-R57152	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				4/28/2006
LCS-R57153	TDS	mg/L	160.1	188.0	205	0	91.7	80-120				4/28/2006
LCS-R57114	TSS	mg/L	160.2	98.00	100	0	98.0	80-120				4/28/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R57203	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				5/2/2006
MB-R57203	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				5/2/2006
MB-R57203	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				5/2/2006
MB	Chloride	mg/L	300.0	< 1.0				-				5/12/2006
MB	Sulfate	mg/L	300.0	< 1.0				-				5/12/2006
MB-R57200	Acidity	mg/L	305.1	< 15				-				5/2/2006
MB-28383	Ammonia (as N)	mg/L	350.1	< 0.050				-				5/3/2006
MB-57267	Nitrate/Nitrite (as N)	mg/L	353.2	< 0.010				-				5/4/2006
MB-R57344	Oil & Grease	mg/L	EPA 1664	< 3.0				-				5/5/2006
MB-57077	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				4/28/2006
MB-R57152	TDS	mg/L	160.1	< 10				-				4/28/2006
MB-R57153	TDS	mg/L	160.1	< 10				-				4/28/2006
MB-R57114	TSS	mg/L	160.2	< 3.0				-				4/28/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L71507-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	495.0	200	296	99.5	80-120				5/2/2006
L71507-03BMS	Chloride	mg/L	300.0	68.50	50	22.13	92.7	90-110				5/12/2006
L71507-03BMS	Sulfate	mg/L	300.0	67.28	50	19.42	95.7	90-110				5/12/2006
L71515-01BMS	Chloride	mg/L	300.0	7536	5000	2533	100	90-110				5/13/2006
L71507-05BMS	Acidity	mg/L	305.1	44.00	50	0	88.0	80-120				5/2/2006
L71507-01CMS	Ammonia (as N)	mg/L	350.1	1.181	1	0.156	102	90-110				5/3/2006
L71507-02CMS	Nitrate/Nitrite (as N)	mg/L	353.2	0.9500	1	0.022	92.8	90-110				5/4/2006
L71507-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.067	1	0.069	99.8	90-110			H	4/28/2006

H - Insufficient time was given for sample to be run within the hold time.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L71507-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	506.0	200	296	105	80-120	2.20	10		5/2/2006
L71507-03BMSD	Chloride	mg/L	300.0	69.56	50	22.13	94.9	90-110	1.53	20		5/12/2006
L71507-03BMSD	Sulfate	mg/L	300.0	64.80	50	19.42	90.8	90-110	3.75	20		5/12/2006
L71515-01BMSD	Chloride	mg/L	300.0	7504	5000	2533	99.4	90-110	0.425	20		5/13/2006
L71507-05BMSD	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120	8.70	20		5/2/2006
L71507-01CMSD	Ammonia (as N)	mg/L	350.1	1.092	1	0.156	93.6	90-110	7.83	10		5/3/2006
L71507-02CMSD	Nitrate/Nitrite (as N)	mg/L	353.2	0.9930	1	0.022	97.1	90-110	4.43	10		5/4/2006
L71507-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.064	1	0.069	99.5	90-110	0.282	10	H	4/28/2006

H - Insufficient time was given for sample to be run within the hold time.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R57344	Oil & Grease	mg/L	EPA 1664	40.50	40	0	101	79-114				5/5/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L71507
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R57344	Oil & Grease	mg/L	EPA 1664	40.00	40	0	100	79-114	1.24	18		5/5/2006

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American West Analytical Labs

WORK ORDER Summary

28-Apr-06

Work Order L71507

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:** Hop Rm

Comments: QCLevel: QC 2+ Include EDD in Excel Format. Samples received too close to expiration to run within hold for some Ortho-Phosphates.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L71507-01A	Eagle Outlet	4/26/2006 11:00:00 AM	4/28/2006	5/12/2006	Aqueous	SS	ww tss/tds/ss	1
				5/12/2006		TDS-W	ww tss/tds/ss	1
				5/12/2006		TSS-W	ww tss/tds/ss	1
L71507-01B				5/12/2006		2320B-ALK-W	apr 28 wc	1
				5/12/2006		300.0-W	apr 28 wc	1
				5/12/2006		ACIDITY-W	apr 28 wc	1
				5/12/2006		PO4-O	apr 28 wc	1
L71507-01C				5/12/2006		NH3-W	apr 28 nh3	1
				5/12/2006		NH3-W-PREP	apr 28 nh3	1
				5/12/2006		NO2/NO3-W	apr 28 nh3	1
L71507-01D				5/12/2006		3005A-ICPMS	apr 28 met/total	1
				5/12/2006		ICP-W	apr 28 met/total	1
L71507-01E				5/12/2006	Aqueous-Dissolved	3005A-Diss	apr 28 met/dis	1
				5/12/2006		6020-W-DISS	apr 28 met/dis	1
				5/12/2006		HARD	apr 28 met/dis	1
				5/12/2006		ICP-W-DIS	apr 28 met/dis	1
L71507-01F				5/12/2006	Aqueous	OGB-W	OGBFridge	1
L71507-02A	Sulfer Spring	4/26/2006 11:50:00 AM		5/12/2006		SS	ww tss/tds/ss	1
				5/12/2006		TDS-W	ww tss/tds/ss	1
				5/12/2006		TSS-W	ww tss/tds/ss	1
L71507-02B				5/12/2006		2320B-ALK-W	apr 28 wc	1
				5/12/2006		300.0-W	apr 28 wc	1
				5/12/2006		ACIDITY-W	apr 28 wc	1
				5/12/2006		PO4-O	apr 28 wc	1
L71507-02C				5/12/2006		NH3-W	apr 28 nh3	1
				5/12/2006		NH3-W-PREP	apr 28 nh3	1
				5/12/2006		NO2/NO3-W	apr 28 nh3	1

WORK ORDER Summary

28-Apr-06

Work Order L71507

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format. Samples received too close to expiration to run within hold for some Ortho-Phosphates.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L71507-02D	Sulfer Spring	4/26/2006 11:50:00 AM	4/28/2006	5/12/2006	Aqueous	3005A-ICPMS	apr 28 met/total	1
				5/12/2006		ICP-W	apr 28 met/total	1
L71507-02E				5/12/2006	Aqueous-Dissolved	3005A-Diss	apr 28 met/dis	1
				5/12/2006		6020-W-DISS	apr 28 met/dis	1
				5/12/2006		HARD	apr 28 met/dis	1
				5/12/2006		ICP-W-DIS	apr 28 met/dis	1
L71507-02F				5/12/2006	Aqueous	OGB-W	OGBFridge	1
L71507-03A	Angle Spring	4/26/2006 2:45:00 PM		5/12/2006		SS	ww tss/tds/ss	1
				5/12/2006		TDS-W	ww tss/tds/ss	1
				5/12/2006		TSS-W	ww tss/tds/ss	1
L71507-03B				5/12/2006		2320B-ALK-W	apr 28 wc	1
				5/12/2006		300.0-W	apr 28 wc	1
				5/12/2006		ACIDITY-W	apr 28 wc	1
				5/12/2006		PO4-O	apr 28 wc	1
L71507-03C				5/12/2006		NH3-W	apr 28 nh3	1
				5/12/2006		NH3-W-PREP	apr 28 nh3	1
				5/12/2006		NO2/NO3-W	apr 28 nh3	1
L71507-03D				5/12/2006		3005A-ICPMS	apr 28 met/total	1
				5/12/2006		ICP-W	apr 28 met/total	1
L71507-03E				5/12/2006	Aqueous-Dissolved	3005A-Diss	apr 28 met/dis	1
				5/12/2006		6020-W-DISS	apr 28 met/dis	1
				5/12/2006		HARD	apr 28 met/dis	1
				5/12/2006		ICP-W-DIS	apr 28 met/dis	1
L71507-03F				5/12/2006	Aqueous	OGB-W	OGBFridge	1
L71507-04A	Mud Creek	4/26/2006 6:50:00 PM		5/12/2006		SS	ww tss/tds/ss	1
				5/12/2006		TDS-W	ww tss/tds/ss	1
				5/12/2006		TSS-W	ww tss/tds/ss	1
L71507-04B				5/12/2006		2320B-ALK-W	apr 28 wc	1

WORK ORDER Summary

28-Apr-06

Work Order L71507

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format. Samples received too close to expiration to run within hold for some Ortho-Phosphates.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L71507-04B	Mud Creek	4/26/2006 6:50:00 PM	4/28/2006	5/12/2006	Aqueous	300.0-W	apr 28 wc	1
				5/12/2006		ACIDITY-W	apr 28 wc	1
				5/12/2006		PO4-O	apr 28 wc	1
				5/12/2006		NH3-W	apr 28 nh3	1
L71507-04C				5/12/2006		NH3-W-PREP	apr 28 nh3	1
				5/12/2006		NO2/NO3-W	apr 28 nh3	1
				5/12/2006		3005A-ICPMS	apr 28 met/total	1
L71507-04D				5/12/2006		ICP-W	apr 28 met/total	1
				5/12/2006	Aqueous-Dissolved	3005A-Diss	apr 28 met/dis	1
L71507-04E				5/12/2006		6020-W-DISS	apr 28 met/dis	1
				5/12/2006		HARD	apr 28 met/dis	1
				5/12/2006		ICP-W-DIS	apr 28 met/dis	1
				5/12/2006	Aqueous	OGB-W	OGBFridge	1
L71507-04F				5/12/2006		TDS-W	ww - tds	1
L71507-05A	CR-06-03-ABV	4/26/2006 1:15:00 PM		5/12/2006		2320B-ALK-W	apr 28 wc	1
L71507-05B				5/12/2006		300.0-W	apr 28 wc	1
				5/12/2006		ACIDITY-W	apr 28 wc	1
				5/12/2006		PO4-O	apr 28 wc	1
				5/12/2006		NH3-W	apr 28 nh3	1
L71507-05C				5/12/2006		NH3-W-PREP	apr 28 nh3	1
				5/12/2006		NO2/NO3-W	apr 28 nh3	1
				5/12/2006		3005A-ICPMS	apr 28 met/total	1
L71507-05D				5/12/2006		ICP-W	apr 28 met/total	1
				5/12/2006	Aqueous-Dissolved	3005A-Diss	apr 28 met/dis	1
L71507-05E				5/12/2006		6020-W-DISS	apr 28 met/dis	1
				5/12/2006		HARD	apr 28 met/dis	1
				5/12/2006		ICP-W-DIS	apr 28 met/dis	1
L71507-06A	Eagle Spring	4/26/2006 11:30:00 AM		5/12/2006	Aqueous	SS	ww tss/tds/ss	1

WORK ORDER Summary

28-Apr-06

Work Order L71507

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format. Samples received too close to expiration to run within hold for some Ortho-Phosphates.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L71507-06A	Eagle Spring	4/26/2006 11:30:00 AM	4/28/2006	5/12/2006	Aqueous	TDS-W	ww tss/tds/ss	1
				5/12/2006		TSS-W	ww tss/tds/ss	1
L71507-06B				5/12/2006		2320B-ALK-W	apr 28 wc	1
				5/12/2006		300.0-W	apr 28 wc	1
				5/12/2006		ACIDITY-W	apr 28 wc	1
				5/12/2006		PO4-O	apr 28 wc	1
L71507-06C				5/12/2006		NH3-W	apr 28 nh3	1
				5/12/2006		NH3-W-PREP	apr 28 nh3	1
				5/12/2006		NO2/NO3-W	apr 28 nh3	1
L71507-06D				5/12/2006		3005A-ICPMS	apr 28 met/total	1
				5/12/2006		ICP-W	apr 28 met/total	1
L71507-06E				5/12/2006	Aqueous-Dissolved	3005A-Diss	apr 28 met/dis	1
				5/12/2006		6020-W-DISS	apr 28 met/dis	1
				5/12/2006		HARD	apr 28 met/dis	1
				5/12/2006		ICP-W-DIS	apr 28 met/dis	1
L71507-06F				5/12/2006	Aqueous	OGB-W	OGBFridge	1

Client Carbon Resources
Address Attn: Brad Lindsay PO Box 544
Cedaredge CO 81413
City State Zip
Phone 970-856-6788 CELL ~~Fax~~ (435) 851-9044
Contact Brad Lindsay
E-mail rocklogicconsulting@gmail.com
Project Name Scofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115

CHAIN OF CUSTODY

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Email:awal@awal-labs.com

Lab Sample Set # 71507
Page _____ of _____

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard
QC 1 2 2+ 3 3+ 4

Please indicate tests needed below

	Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	table 3	table 4									COMMENTS
1	Eagle Outlet	4-26-06/11:00	W	6	✓										
2	Culfer Spring	4-26-06/11:50	W	6	✓										
3	Angle Spring	4-26-06/14:45	W	6	✓										
4	Mud Creek	4-26-06/18:50	W	6	✓										
5	CR-06-03-ABV	4-26-06/13:15	W	5		✓									
6	EAGLE SPRING	4-26-06/11:30	W	6	✓										

ON FILE

Relinquished By: Signature	Date	Received By: Signature
[signature]	4-27-06	
PRINT NAME BRAD LINDSAY	Time 11:00	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature UPS	Date 4/28/06	Received By: Signature [signature]
PRINT NAME	Time 1020	PRINT NAME Elma Hayward

Special Instructions:

Please filter for dissolved metals

4/28/06 Per Brad ok to run NO_3/NO_2 so that hold times can be met.

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 4.5
4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:
4/28/06 Yes

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	• Total Dissolved Solids	mg/l
*	-	• Total Settleable Solids	(UPDES)
*	-	• Total Suspended Solids	mg/l
*	-	• Total Hardness ($CaCO_3$)	mg/l
*	-	• Total Alkalinity	mg/l
	-	• Acidity	mg/l
	-	• Aluminum (Dissolved)	mg/l
	-	• Arsenic (Dissolved)	mg/l
	-	• Boron (Dissolved)[1]	mg/l
*	-	• Carbonate	mg/l
*	-	• Bicarbonate	mg/l
	-	• Cadmium (Dissolved)	mg/l
*	-	• Calcium (Dissolved)	mg/l
*	-	• Chloride	mg/l
	-	• Copper (Dissolved)	mg/l
*	-	• Iron (Dissolved)	mg/l
*	-	• Iron (Total)	mg/l
	-	• Lead (Dissolved)	mg/l
*	-	• Magnesium (Dissolved)	mg/l
*	-	• Manganese (Dissolved)	mg/l
*	-	• Manganese (Total)	mg/l
	-	• Molybdenum (Dissolved)	mg/l
	-	• Ammonia	mg/l
	-	• Nitrates	mg/l
	-	• Nitrites	mg/l
*	-	• Potassium (Dissolved)	mg/l
	-	• Phosphates(Ortho)	mg/l
	-	• Selenium[1] (Dissolved)	mg/l
*	-	• Sodium (Dissolved)	mg/l
*	-	• Sulfate	mg/l
	-	• Zinc (Dissolved)	mg/l
*	-	• Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS		REPORTED AS
*	-	Water level or Flow		Depth, Flow
*	-	pH		Standard units
*	-	Specific Conductivity		umhos/cm @ 25° C
*	-	Temperature		°C
		LABORATORY MEASUREMENTS		
*	-	• Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	• Total Alkalinity		mg/l
	-	• Acidity		mg/l
	-	• Aluminum (Dissolved)		mg/l
	-	• Arsenic (Dissolved)		mg/l
	-	• Boron (Dissolved)[1]		mg/l
*	-	• Carbonate		mg/l
*	-	• Bicarbonate		mg/l
	-	• Cadmium (Dissolved)		mg/l
*	-	• Calcium (Dissolved)		mg/l
*	-	• Chloride	mg/l	
	-	• Copper (Dissolved)		mg/l
*	-	• Iron (Dissolved)		mg/l
*	-	• Iron (Total)		mg/l
	-	• Lead (Dissolved)	mg/l	
*	-	• Magnesium (Dissolved)		mg/l
*	-	• Manganese (Dissolved)		mg/l
*	-	• Manganese (Total)		mg/l
	-	• Molybdenum (Dissolved)		mg/l
	-	• Ammonia		mg/l
	-	• Nitrates		mg/l
	-	• Nitrites		mg/l
*	-	• Potassium (Dissolved)		mg/l
	-	• Phosphate (Ortho)		mg/l
	-	• Selenium[1] (Dissolved)		mg/l
*	-	• Sodium (Dissolved)		mg/l
*	-	• Sulfate		mg/l
	-	• Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 71507

Preservation Check Sheet

			Sample Set Extension and pH															
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4	✓																
Nutrients[1]	pH <2 H_2SO_4																	
O & G	pH <2 HCL	✓																
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

June 09, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L72071

Dear Brad Lindsay:

American West Analytical Labs received 6 samples on 5/26/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-01D
Field Sample ID: **Eagle Outlet**
Collected: 5/25/2006 2:30:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/8/2006 5:41:56 PM	6010B	0.050	**2.6**
Manganese	mg/L	6/8/2006 5:41:56 PM	6010B	0.0050	**0.16**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L72071-02D
Field Sample ID: **Sulfur Spring**
Collected: 5/25/2006 2:00:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/8/2006 5:45:50 PM	6010B	0.050	< 0.050
Manganese	mg/L	6/8/2006 5:45:50 PM	6010B	0.0050	**0.029**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-03D
Field Sample ID: **Angle Spring**
Collected: 5/25/2006 1:00:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/8/2006 5:49:45 PM	6010B	0.050	< 0.050
Manganese	mg/L	6/8/2006 5:49:45 PM	6010B	0.0050	< 0.0050

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-04D
Field Sample ID: **Mud Creek**
Collected: 5/25/2006 1:50:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/8/2006 5:53:39 PM	6010B	0.050	**2.5**
Manganese	mg/L	6/8/2006 5:53:39 PM	6010B	0.0050	**0.096**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-05D
Field Sample ID: **CR-06-03**
Collected: 5/25/2006 1:00:00 PM
Received: 5/26/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/8/2006 5:57:34 PM	6010B	0.050	**0.51**
Manganese	mg/L	6/8/2006 5:57:34 PM	6010B	0.0050	**0.053**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-06D
Field Sample ID: **Eagle Spring**
Collected: 5/25/2006 3:00:00 PM
Received: 5/26/2006

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QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Iron	mg/L	6/8/2006 6:05:24 PM	6010B	0.050	**2.2**	[1]
Manganese	mg/L	6/8/2006 6:05:24 PM	6010B	0.0050	**0.0093**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-01E
Field Sample ID: **Eagle Outlet**
Collected: 5/25/2006 2:30:00 PM
Received: 5/26/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/9/2006 8:22:15 AM	6010B	0.10	< 0.10
Arsenic	mg/L	6/8/2006 4:00:29 PM	6020	0.0050	< 0.0050
Boron	mg/L	6/9/2006 8:22:15 AM	6010B	0.50	< 0.50
Cadmium	mg/L	6/8/2006 4:00:29 PM	6020	0.0040	< 0.0040
Calcium	mg/L	6/9/2006 8:22:15 AM	6010B	10	**73**
Copper	mg/L	6/8/2006 4:00:29 PM	6020	0.0040	< 0.0040
Iron	mg/L	6/9/2006 8:22:15 AM	6010B	0.050	< 0.050
Lead	mg/L	6/8/2006 4:00:29 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/9/2006 8:22:15 AM	6010B	10	**14**
Manganese	mg/L	6/8/2006 4:00:29 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	6/9/2006 8:22:15 AM	6010B	0.10	< 0.10
Potassium	mg/L	6/9/2006 8:22:15 AM	6010B	1.0	**2.0**
Selenium	mg/L	6/8/2006 4:00:29 PM	6020	0.0050	< 0.0050
Sodium	mg/L	6/9/2006 8:22:15 AM	6010B	10	**15**
Zinc	mg/L	6/8/2006 4:00:29 PM	6020	0.010	< 0.010

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-02E
Field Sample ID: **Sulfur Spring**
Collected: 5/25/2006 2:00:00 PM
Received: 5/26/2006

AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/9/2006 8:38:11 AM	6010B	0.10	< 0.10
Arsenic	mg/L	6/8/2006 4:32:52 PM	6020	0.0050	< 0.0050
Boron	mg/L	6/9/2006 8:38:11 AM	6010B	0.50	< 0.50
Cadmium	mg/L	6/8/2006 4:32:52 PM	6020	0.0040	< 0.0040
Calcium	mg/L	6/9/2006 8:38:11 AM	6010B	10	**84**
Copper	mg/L	6/8/2006 4:32:52 PM	6020	0.0040	< 0.0040
Iron	mg/L	6/9/2006 8:38:11 AM	6010B	0.050	< 0.050
Lead	mg/L	6/8/2006 4:32:52 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/9/2006 8:38:11 AM	6010B	10	**35**
Manganese	mg/L	6/8/2006 4:32:52 PM	6020	0.0050	**0.028**
Molybdenum	mg/L	6/9/2006 8:38:11 AM	6010B	0.10	< 0.10
Potassium	mg/L	6/9/2006 8:38:11 AM	6010B	1.0	**5.0**
Selenium	mg/L	6/8/2006 4:32:52 PM	6020	0.0050	< 0.0050
Sodium	mg/L	6/9/2006 8:38:11 AM	6010B	1.0	**8.6**
Zinc	mg/L	6/8/2006 4:32:52 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-03E
Field Sample ID: **Angle Spring**
Collected: 5/25/2006 1:00:00 PM
Received: 5/26/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/9/2006 8:42:06 AM	6010B	0.10	< 0.10
Arsenic	mg/L	6/8/2006 4:38:18 PM	6020	0.0050	< 0.0050
Boron	mg/L	6/9/2006 8:42:06 AM	6010B	0.50	< 0.50
Cadmium	mg/L	6/8/2006 4:38:18 PM	6020	0.0040	< 0.0040
Calcium	mg/L	6/9/2006 8:42:06 AM	6010B	10	**90**
Copper	mg/L	6/8/2006 4:38:18 PM	6020	0.0040	< 0.0040
Iron	mg/L	6/9/2006 8:42:06 AM	6010B	0.050	< 0.050
Lead	mg/L	6/8/2006 4:38:18 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/9/2006 8:42:06 AM	6010B	10	**18**
Manganese	mg/L	6/8/2006 4:38:18 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	6/9/2006 8:42:06 AM	6010B	0.10	< 0.10
Potassium	mg/L	6/9/2006 8:42:06 AM	6010B	1.0	**1.5**
Selenium	mg/L	6/8/2006 4:38:18 PM	6020	0.0050	< 0.0050
Sodium	mg/L	6/9/2006 8:42:06 AM	6010B	1.0	**9.6**
Zinc	mg/L	6/8/2006 4:38:18 PM	6020	0.010	**0.010**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-04E
Field Sample ID: **Mud Creek**
Collected: 5/25/2006 1:50:00 PM
Received: 5/26/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/9/2006 8:46:01 AM	6010B	0.10	< 0.10
Arsenic	mg/L	6/8/2006 4:43:43 PM	6020	0.0050	< 0.0050
Boron	mg/L	6/9/2006 8:46:01 AM	6010B	0.50	< 0.50
Cadmium	mg/L	6/8/2006 4:43:43 PM	6020	0.0040	< 0.0040
Calcium	mg/L	6/9/2006 8:46:01 AM	6010B	10	**48**
Copper	mg/L	6/8/2006 4:43:43 PM	6020	0.0040	< 0.0040
Iron	mg/L	6/9/2006 8:46:01 AM	6010B	0.050	**0.052**
Lead	mg/L	6/8/2006 4:43:43 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/9/2006 8:46:01 AM	6010B	10	**14**
Manganese	mg/L	6/8/2006 4:43:43 PM	6020	0.0050	**0.012**
Molybdenum	mg/L	6/9/2006 8:46:01 AM	6010B	0.10	< 0.10
Potassium	mg/L	6/9/2006 8:46:01 AM	6010B	1.0	**1.9**
Selenium	mg/L	6/8/2006 4:43:43 PM	6020	0.0050	< 0.0050
Sodium	mg/L	6/9/2006 8:46:01 AM	6010B	10	**18**
Zinc	mg/L	6/8/2006 4:43:43 PM	6020	0.010	**0.014**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-05E
Field Sample ID: **CR-06-03**
Collected: 5/25/2006 1:00:00 PM
Received: 5/26/2006

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Peggy McNicol
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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/9/2006 8:49:56 AM	6010B	0.10	< 0.10
Arsenic	mg/L	6/8/2006 4:49:08 PM	6020	0.0050	**0.027**
Boron	mg/L	6/9/2006 8:49:56 AM	6010B	0.50	< 0.50
Cadmium	mg/L	6/8/2006 4:49:08 PM	6020	0.0040	< 0.0040
Calcium	mg/L	6/9/2006 8:49:56 AM	6010B	10	**110**
Copper	mg/L	6/8/2006 4:49:08 PM	6020	0.0040	**0.0064**
Iron	mg/L	6/9/2006 8:49:56 AM	6010B	0.050	< 0.050
Lead	mg/L	6/8/2006 4:49:08 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/9/2006 8:49:56 AM	6010B	10	**28**
Manganese	mg/L	6/8/2006 4:49:08 PM	6020	0.0050	**0.048**
Molybdenum	mg/L	6/9/2006 8:49:56 AM	6010B	0.10	< 0.10
Potassium	mg/L	6/9/2006 8:49:56 AM	6010B	1.0	**2.3**
Selenium	mg/L	6/8/2006 4:49:08 PM	6020	0.0050	< 0.0050
Sodium	mg/L	6/9/2006 8:49:56 AM	6010B	10	**20**
Zinc	mg/L	6/8/2006 4:49:08 PM	6020	0.010	**0.36**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-06E
Field Sample ID: **Eagle Spring**
Collected: 5/25/2006 3:00:00 PM
Received: 5/26/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/9/2006 8:53:58 AM	6010B	0.10	**1.2**
Arsenic	mg/L	6/8/2006 4:54:34 PM	6020	0.0050	< 0.0050
Boron	mg/L	6/9/2006 8:53:58 AM	6010B	0.50	< 0.50
Cadmium	mg/L	6/8/2006 4:54:34 PM	6020	0.0040	< 0.0040
Calcium	mg/L	6/9/2006 8:53:58 AM	6010B	10	**11**
Copper	mg/L	6/8/2006 4:54:34 PM	6020	0.0040	**0.0063**
Iron	mg/L	6/9/2006 8:53:58 AM	6010B	0.050	**0.94**
Lead	mg/L	6/8/2006 4:54:34 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/9/2006 8:53:58 AM	6010B	1.0	**2.7**
Manganese	mg/L	6/8/2006 4:54:34 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	6/9/2006 8:53:58 AM	6010B	0.10	< 0.10
Potassium	mg/L	6/9/2006 8:53:58 AM	6010B	1.0	**1.1**
Selenium	mg/L	6/8/2006 4:54:34 PM	6020	0.0050	< 0.0050
Sodium	mg/L	6/9/2006 8:53:58 AM	6010B	10	**11**
Zinc	mg/L	6/8/2006 4:54:34 PM	6020	0.010	**0.027**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-01
Field Sample ID: **Eagle Outlet**
Collected: 5/25/2006 2:30:00 PM
Received: 5/26/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/30/2006 11:20:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**220**
Ammonia (as N)	mg/L	5/31/2006 11:44:00 AM	350.1	0.050	**0.088**
Bicarbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**210**
Carbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**14**
Chloride	mg/L	6/1/2006 2:33:56 AM	300.0	5.0	**8.5**
Hardness (as CaCO3)	mg/L	6/9/2006	2340B	10	**180**
Nitrate (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.17**
Nitrite (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	< 0.010 [1]
Oil & Grease	mg/L	5/30/2006	EPA 1664	3.0	**4.1**
Phosphate, ortho (as P)	mg/L	5/26/2006 1:58:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	5/26/2006 12:30:00 PM	160.5	0.10	**0.30**
Sulfate	mg/L	6/1/2006 2:33:56 AM	300.0	5.0	**19** [1]
TDS	mg/L	5/26/2006 2:30:00 PM	160.1	10	**240**
TSS	mg/L	5/26/2006 4:30:00 PM	160.2	3.0	**170**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-02
Field Sample ID: **Sulfur Spring**
Collected: 5/25/2006 2:00:00 PM
Received: 5/26/2006

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/30/2006 11:20:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**340**
Ammonia (as N)	mg/L	5/31/2006 11:44:00 AM	350.1	0.050	**0.075** [1]
Bicarbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**340**
Carbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	< 10
Chloride	mg/L	6/1/2006 6:32:52 AM	300.0	1.0	**6.2**
Hardness (as CaCO3)	mg/L	6/9/2006	2340B	10	**210**
Nitrate (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	5/30/2006	EPA 1664	3.0	**3.7**
Phosphate, ortho (as P)	mg/L	5/26/2006 1:58:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	5/26/2006 12:30:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	6/1/2006 6:32:52 AM	300.0	10	**41**
TDS	mg/L	5/26/2006 2:30:00 PM	160.1	10	**350**
TSS	mg/L	5/26/2006 4:30:00 PM	160.2	3.0	**3.0**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-03
Field Sample ID: **Angle Spring**
Collected: 5/25/2006 1:00:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/30/2006 11:20:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**290**
Ammonia (as N)	mg/L	5/31/2006 11:44:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**290**
Carbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	< 10
Chloride	mg/L	6/1/2006 8:46:00 AM	300.0	10	**22**
Hardness (as CaCO3)	mg/L	6/9/2006	2340B	10	**220**
Nitrate (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.96**
Nitrite (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	5/30/2006	EPA 1664	3.0	**4.3**
Phosphate, ortho (as P)	mg/L	5/26/2006 1:58:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	5/26/2006 12:30:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	6/1/2006 8:46:00 AM	300.0	10	**14**
TDS	mg/L	5/26/2006 2:30:00 PM	160.1	10	**330**
TSS	mg/L	5/26/2006 4:30:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-04
Field Sample ID: **Mud Creek**
Collected: 5/25/2006 1:50:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/30/2006 11:20:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**160**
Ammonia (as N)	mg/L	5/31/2006 11:44:00 AM	350.1	0.050	**0.061**
Bicarbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**150**
Carbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	< 10
Chloride	mg/L	6/1/2006 9:19:18 AM	300.0	10	**10**
Hardness (as CaCO3)	mg/L	6/9/2006	2340B	10	**120**
Nitrate (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.74**
Nitrite (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	5/30/2006	EPA 1664	3.0	**3.2**
Phosphate, ortho (as P)	mg/L	5/26/2006 1:58:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	5/26/2006 12:30:00 PM	160.5	0.10	**0.50**
Sulfate	mg/L	6/1/2006 9:19:18 AM	300.0	10	**42**
TDS	mg/L	5/26/2006 2:30:00 PM	160.1	10	**230**
TSS	mg/L	5/26/2006 4:30:00 PM	160.2	3.0	**320**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-05
Field Sample ID: **CR-06-03**
Collected: 5/25/2006 1:00:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/30/2006 11:20:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**370**
Ammonia (as N)	mg/L	5/31/2006 11:44:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**370**
Carbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	< 10
Chloride	mg/L	6/1/2006 10:25:51 AM	300.0	10	**19**
Hardness (as CaCO3)	mg/L	6/9/2006	2340B	10	**280**
Nitrate (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.029**
Nitrite (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.018**
Phosphate, ortho (as P)	mg/L	5/26/2006 1:58:00 PM	365.1	0.050	< 0.050
Sulfate	mg/L	6/1/2006 10:25:51 AM	300.0	10	**34**
TDS	mg/L	5/26/2006 2:30:00 PM	160.1	10	**430**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72071-06
Field Sample ID: **Eagle Spring**
Collected: 5/25/2006 3:00:00 PM
Received: 5/26/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	5/30/2006 11:20:00 AM	305.1	15	**18**
Alkalinity,(As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**34**
Ammonia (as N)	mg/L	5/31/2006 11:44:00 AM	350.1	0.050	**0.091**
Bicarbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	**34**
Carbonate (As CaCO3)	mg/L	5/30/2006 10:25:00 AM	2320B	10	< 10
Chloride	mg/L	6/1/2006 10:59:08 AM	300.0	1.0	**5.0**
Hardness (as CaCO3)	mg/L	6/9/2006	2340B	10	**28**
Nitrate (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.099**
Nitrite (as N)	mg/L	5/26/2006 3:52:00 PM	353.2	0.010	**0.025**
Oil & Grease	mg/L	5/30/2006	EPA 1664	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	5/26/2006 1:58:00 PM	365.1	0.050	**0.060**
Settable Solids	ml/L	5/26/2006 12:30:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	6/1/2006 10:59:08 AM	300.0	1.0	**6.0**
TDS	mg/L	5/26/2006 2:30:00 PM	160.1	10	**140**
TSS	mg/L	5/26/2006 4:30:00 PM	160.2	3.0	**33**

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-28869	Arsenic	mg/L	6020	0.1992	0.2	0	99.6	85-115				6/8/2006
LCS-28869	Cadmium	mg/L	6020	0.2070	0.2	0	103	85-115				6/8/2006
LCS-28869	Copper	mg/L	6020	0.1959	0.2	0.001271	97.3	85-115				6/8/2006
LCS-28869	Lead	mg/L	6020	0.2062	0.2	0	103	85-115				6/8/2006
LCS-28869	Manganese	mg/L	6020	0.1973	0.2	0.001246	98.0	85-115				6/8/2006
LCS-28869	Selenium	mg/L	6020	0.2045	0.2	0	102	85-115				6/8/2006
LCS-28869	Zinc	mg/L	6020	1.025	1	0.005381	102	85-115				6/8/2006
LCS-28847	Iron	mg/L	6010B	1.070	1	0	107	75-125				6/8/2006
LCS-28847	Manganese	mg/L	6010B	0.2098	0.2	0	105	75-125				6/8/2006
LCS-28869	Aluminum	mg/L	6010B	0.8537	1	0	85.4	75-125				6/9/2006
LCS-28869	Boron	mg/L	6010B	0.9591	1	0	95.9	75-125				6/9/2006
LCS-28869	Calcium	mg/L	6010B	9.889	10	0	98.9	75-125				6/9/2006
LCS-28869	Iron	mg/L	6010B	1.046	1	0	105	75-125				6/9/2006
LCS-28869	Magnesium	mg/L	6010B	10.08	10	0	101	75-125				6/9/2006
LCS-28869	Molybdenum	mg/L	6010B	0.1982	0.2	0	99.1	75-125				6/9/2006
LCS-28869	Potassium	mg/L	6010B	10.25	10	0	103	75-125				6/9/2006
LCS-28869	Sodium	mg/L	6010B	10.08	10	0	101	75-125				6/9/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-28869	Arsenic	mg/L	6020	< 0.0050				-				6/8/2006
MB-28869	Cadmium	mg/L	6020	< 0.0040				-				6/8/2006
MB-28869	Copper	mg/L	6020	< 0.0040				-				6/8/2006
MB-28869	Lead	mg/L	6020	< 0.0050				-				6/8/2006
MB-28869	Manganese	mg/L	6020	< 0.0050				-				6/8/2006
MB-28869	Selenium	mg/L	6020	< 0.0050				-				6/8/2006
MB-28869	Zinc	mg/L	6020	< 0.010				-				6/8/2006
MB-28847	Iron	mg/L	6010B	< 0.050				-				6/8/2006
MB-28847	Manganese	mg/L	6010B	< 0.0050				-				6/8/2006
MB-28869	Aluminum	mg/L	6010B	< 0.10				-				6/9/2006
MB-28869	Boron	mg/L	6010B	< 0.50				-				6/9/2006
MB-28869	Calcium	mg/L	6010B	< 1.0				-				6/9/2006
MB-28869	Iron	mg/L	6010B	< 0.050				-				6/9/2006
MB-28869	Magnesium	mg/L	6010B	< 1.0				-				6/9/2006
MB-28869	Molybdenum	mg/L	6010B	< 0.10				-				6/9/2006
MB-28869	Potassium	mg/L	6010B	< 1.0				-				6/9/2006
MB-28869	Sodium	mg/L	6010B	< 1.0				-				6/9/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72071-01EMS	Arsenic	mg/L	6020	0.1822	0.2	0	91.1	70-130				6/8/2006
L72071-01EMS	Cadmium	mg/L	6020	0.2003	0.2	0	100	70-130				6/8/2006
L72071-01EMS	Copper	mg/L	6020	0.2029	0.2	0.001984	100	70-130				6/8/2006
L72071-01EMS	Lead	mg/L	6020	0.2044	0.2	0	102	70-130				6/8/2006
L72071-01EMS	Manganese	mg/L	6020	0.2034	0.2	0.002744	100	70-130				6/8/2006
L72071-01EMS	Selenium	mg/L	6020	0.1967	0.2	0.001008	97.8	70-130				6/8/2006
L72071-01EMS	Zinc	mg/L	6020	1.002	1	0.008989	99.3	70-130				6/8/2006
L72071-06DMS	Iron	mg/L	6010B	3.870	1	2.245	163	75-125			[1]	6/8/2006
L72071-06DMS	Manganese	mg/L	6010B	0.2226	0.2	0.009323	107	75-125				6/8/2006
L72071-01EMS	Aluminum	mg/L	6010B	0.9483	1	0	94.8	75-125				6/9/2006
L72071-01EMS	Boron	mg/L	6010B	1.071	1	0.02007	105	75-125				6/9/2006
L72071-01EMS	Calcium	mg/L	6010B	82.78	10	72.91	98.7	75-125				6/9/2006
L72071-01EMS	Iron	mg/L	6010B	1.072	1	0.01717	106	75-125				6/9/2006
L72071-01EMS	Magnesium	mg/L	6010B	24.15	10	14.45	97.0	75-125				6/9/2006
L72071-01EMS	Molybdenum	mg/L	6010B	0.2186	0.2	0	109	75-125				6/9/2006
L72071-01EMS	Potassium	mg/L	6010B	12.58	10	1.973	106	75-125				6/9/2006
L72071-01EMS	Sodium	mg/L	6010B	25.58	10	15.27	103	75-125				6/9/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72071-01EMSD	Arsenic	mg/L	6020	0.1979	0.2	0	99.0	70-130	8.28	20		6/8/2006
L72071-01EMSD	Cadmium	mg/L	6020	0.2009	0.2	0	100	70-130	0.255	20		6/8/2006
L72071-01EMSD	Copper	mg/L	6020	0.2065	0.2	0.001984	102	70-130	1.76	20		6/8/2006
L72071-01EMSD	Lead	mg/L	6020	0.2080	0.2	0	104	70-130	1.75	20		6/8/2006
L72071-01EMSD	Manganese	mg/L	6020	0.2076	0.2	0.002744	102	70-130	2.00	20		6/8/2006
L72071-01EMSD	Selenium	mg/L	6020	0.2063	0.2	0.001008	103	70-130	4.79	20		6/8/2006
L72071-01EMSD	Zinc	mg/L	6020	0.9970	1	0.008989	98.8	70-130	0.462	20		6/8/2006
L72071-06DMSD	Iron	mg/L	6010B	3.828	1	2.245	158	75-125	1.09	20	1	6/8/2006
L72071-06DMSD	Manganese	mg/L	6010B	0.2187	0.2	0.009323	105	75-125	1.76	20		6/8/2006
L72071-01EMSD	Aluminum	mg/L	6010B	0.9052	1	0	90.5	75-125	4.64	20		6/9/2006
L72071-01EMSD	Boron	mg/L	6010B	1.102	1	0.02007	108	75-125	2.89	20		6/9/2006
L72071-01EMSD	Calcium	mg/L	6010B	82.94	10	72.91	100	75-125	0.193	20		6/9/2006
L72071-01EMSD	Iron	mg/L	6010B	1.080	1	0.01717	106	75-125	0.697	20		6/9/2006
L72071-01EMSD	Magnesium	mg/L	6010B	24.58	10	14.45	101	75-125	1.76	20		6/9/2006
L72071-01EMSD	Molybdenum	mg/L	6010B	0.2164	0.2	0	108	75-125	0.972	20		6/9/2006
L72071-01EMSD	Potassium	mg/L	6010B	13.26	10	1.973	113	75-125	5.29	20		6/9/2006
L72071-01EMSD	Sodium	mg/L	6010B	25.62	10	15.27	104	75-125	0.156	20		6/9/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L71960-06DDUP	TDS	mg/L	160.1	1900	0	1840		-	3.21	20		5/26/2006
L72023-05ADUP	TDS	mg/L	160.1	1980	0	2000		-	1.01	20		5/26/2006
L72056-02ADUP	TDS	mg/L	160.1	2680	0	2440		-	9.38	20		5/26/2006
L72071-06ADUP	TDS	mg/L	160.1	140.0	0	136		-	2.90	20		5/26/2006
L72051-01ADUP	TSS	mg/L	160.2	5.000	0	0		-	22.2	20	*	5/26/2006
L72071-06ADUP	TSS	mg/L	160.2	32.00	0	0		-	3.08	20		5/26/2006

* High RPD due to low analyte concentration. In this range, high RPD's may be expected.

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R58257	Alkalinity,(As CaCO3)	mg/L	2320B	53320	50000	0	107	90-110				5/30/2006
LCS-R58397	Chloride	mg/L	300.0	4.986	5	0	99.7	90-110				5/31/2006
LCS-R58397	Sulfate	mg/L	300.0	5.453	5	0	109	90-110				5/31/2006
LCS-R58258	Acidity	mg/L	305.1	50.00	50	0	100	80-120				5/30/2006
LCS-28854	Ammonia (as N)	mg/L	350.1	1.001	1	0	100	90-110				5/31/2006
LCS-28854	Ammonia (as N)	mg/L	350.1	1.001	1	0	100	90-110				5/31/2006
LCS-58204	Nitrite (as N)	mg/L	353.2	0.9540	1	0	95.4	90-110				5/26/2006
LCS-58205	Nitrate (as N)	mg/L	353.2	0.9310	1	0	93.1	90-110				5/26/2006
LCS-R58289	Oil & Grease	mg/L	EPA 1664	41.80	40	0	104	79-114				5/30/2006
LCS-58198	Phosphate, ortho (as P)	mg/L	365.1	1.014	1	0	101	90-110				5/26/2006
LCS-R58294	TDS	mg/L	160.1	194.0	205	0	94.6	80-120				5/26/2006
LCS-R58244	TSS	mg/L	160.2	101.0	100	0	101	80-120				5/26/2006

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R58257	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				5/30/2006
MB-R58257	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				5/30/2006
MB-R58257	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				5/30/2006
MB-R58397	Chloride	mg/L	300.0	< 1.0				-				5/31/2006
MB-R58397	Sulfate	mg/L	300.0	< 1.0				-				5/31/2006
MB-R58258	Acidity	mg/L	305.1	< 15				-				5/30/2006
MB-28854	Ammonia (as N)	mg/L	350.1	< 0.050				-				5/31/2006
MB-28854	Ammonia (as N)	mg/L	350.1	< 0.050				-				5/31/2006
MB-58204	Nitrite (as N)	mg/L	353.2	< 0.010				-				5/26/2006
MB-58205	Nitrate (as N)	mg/L	353.2	< 0.010				-				5/26/2006
MB-R58289	Oil & Grease	mg/L	EPA 1664	< 3.0				-				5/30/2006
MB-58198	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				5/26/2006
MB-R58294	TDS	mg/L	160.1	< 10				-				5/26/2006
MB-R58244	TSS	mg/L	160.2	< 3.0				-				5/26/2006

All analyses applicable [redacted]A, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached CO[redacted]eport is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of [redacted] reproduction of this report in connectio[redacted] advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose othe[redacted]he addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection a[redacted]sis in good faith and according to the rule[redacted]e trade and of science.

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72071-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	329.0	100	225	104	80-120				5/30/2006
L71960-01CMS	Chloride	mg/L	300.0	179.4	100	80.62	98.8	90-110				5/31/2006
L71960-01CMS	Sulfate	mg/L	300.0	163.7	100	49.39	114	90-110			1	5/31/2006
L72071-01BMS	Chloride	mg/L	300.0	34.10	25	8.522	102	90-110				6/1/2006
L72071-01BMS	Sulfate	mg/L	300.0	46.45	25	18.74	111	90-110			1	6/1/2006
L72071-05BMS	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120				5/30/2006
L72071-02CMS	Ammonia (as N)	mg/L	350.1	0.9220	1	0.075	84.7	90-110			1	5/31/2006
L72084-05AMS	Ammonia (as N)	mg/L	350.1	4.572	1	3.593	97.9	90-110				5/31/2006
L72071-01BMS	Nitrite (as N)	mg/L	353.2	0.9380	1	0.009	92.9	90-110				5/26/2006
L72071-01BMS	Nitrate (as N)	mg/L	353.2	1.116	1	0.169	94.7	90-110				5/26/2006
L72071-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.066	1	0.046	102	90-110				5/26/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72071-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	325.0	100	225	100	80-120	1.22	10		5/30/2006
L71960-01CMSD	Chloride	mg/L	300.0	178.7	100	80.62	98.1	90-110	0.384	20		5/31/2006
L71960-01CMSD	Sulfate	mg/L	300.0	155.0	100	49.39	106	90-110	5.41	20		5/31/2006
L72071-01BMSD	Chloride	mg/L	300.0	34.10	25	8.522	102	90-110	0.00586	20		6/1/2006
L72071-01BMSD	Sulfate	mg/L	300.0	47.87	25	18.74	116	90-110	3.01	20	1	6/1/2006
L72071-05BMSD	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120	0	20		5/30/2006
L72071-02CMSD	Ammonia (as N)	mg/L	350.1	0.9570	1	0.075	88.2	90-110	3.73	10	1	5/31/2006
L72084-05AMSD	Ammonia (as N)	mg/L	350.1	4.445	1	3.593	85.2	90-110	2.82	10	1	5/31/2006
L72071-01BMSD	Nitrite (as N)	mg/L	353.2	0.8990	1	0.009	89.0	90-110	4.25	10	1	5/26/2006
L72071-01BMSD	Nitrate (as N)	mg/L	353.2	1.116	1	0.169	94.7	90-110	0	10		5/26/2006
L72071-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.080	1	0.046	103	90-110	1.30	10		5/26/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicab[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached C[redacted] report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member o[redacted] or reproduction of this report in connec[redacted]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose oth[redacted] the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection [redacted]lysis in good faith and according to the ru[redacted] the trade and of science.

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R58289	Oil & Grease	mg/L	EPA 1664	39.80	40	0	99.5	79-114				5/30/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72071
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R58289	Oil & Grease	mg/L	EPA 1664	40.10	40	0	100	79-114	0.751	18		5/30/2006

All analyses applicat[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached C[redacted]report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member o[redacted]or reproduction of this report in connect[redacted]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose oth[redacted]the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection [redacted]lysis in good faith and according to the rules of the trade and of science.

American West Analytical Labs

WORK ORDER Summary

30-May-06

Work Order L72071

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:** Hoke

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72071-01A	Eagle Outlet	5/25/2006 2:30:00 PM	5/26/2006	6/9/2006	Aqueous	SS	ww - tss/tds/ss	1
				6/9/2006		TDS-W	ww - tss/tds/ss	1
				6/9/2006		TSS-W	ww - tss/tds/ss	1
L72071-01B				6/9/2006		2320B-ALK-W	may 26 - wc	1
				6/9/2006		300.0-W	may 26 - wc	1
				6/9/2006		ACIDITY-W	may 26 - wc	1
				6/9/2006		NO2-W	may 26 - wc	1
				6/9/2006		NO3-W	may 26 - wc	1
				6/9/2006		PO4-O	may 26 - wc	1
L72071-01C				6/9/2006		NH3-W	may 26 - nh3	1
				6/9/2006		NH3-W-PREP	may 26 - nh3	1
L72071-01D				6/9/2006		3005A-ICPMS	may 26 - met	1
				6/9/2006		ICP-W	may 26 - met	1
L72071-01E				6/9/2006	Aqueous-Dissolved	3005A-Diss	may 26 - dis met	1
				6/9/2006		6020-W-DISS	may 26 - dis met	1
				6/9/2006		HARD	may 26 - dis met	1
				6/9/2006		ICP-W-DIS	may 26 - dis met	1
L72071-01F				6/9/2006	Aqueous	OGB-W	ogb	1
L72071-02A	Sulfur Spring	5/25/2006 2:00:00 PM		6/9/2006		SS	ww - tss/tds/ss	1
				6/9/2006		TDS-W	ww - tss/tds/ss	1
				6/9/2006		TSS-W	ww - tss/tds/ss	1
L72071-02B				6/9/2006		2320B-ALK-W	may 26 - wc	1
				6/9/2006		300.0-W	may 26 - wc	1
				6/9/2006		ACIDITY-W	may 26 - wc	1
				6/9/2006		NO2-W	may 26 - wc	1
				6/9/2006		NO3-W	may 26 - wc	1
				6/9/2006		PO4-O	may 26 - wc	1

72071

WORK ORDER Summary

30-May-06

Work Order L72071

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72071-02C	Sulfur Spring	5/25/2006 2:00:00 PM	5/26/2006	6/9/2006	Aqueous	NH3-W	may 26 - nh3	1
				6/9/2006		NH3-W-PREP	may 26 - nh3	1
L72071-02D				6/9/2006		3005A-ICPMS	may 26 - met	1
				6/9/2006		ICP-W	may 26 - met	1
L72071-02E				6/9/2006	Aqueous-Dissolved	3005A-Diss	may 26 - dis met	1
				6/9/2006		6020-W-DISS	may 26 - dis met	1
				6/9/2006		HARD	may 26 - dis met	1
				6/9/2006		ICP-W-DIS	may 26 - dis met	1
L72071-02F				6/9/2006	Aqueous	OGB-W	ogb	1
L72071-03A	Angle Spring	5/25/2006 1:00:00 PM		6/9/2006		SS	ww - tss/tds/ss	1
				6/9/2006		TDS-W	ww - tss/tds/ss	1
				6/9/2006		TSS-W	ww - tss/tds/ss	1
L72071-03B				6/9/2006		2320B-ALK-W	may 26 - wc	1
				6/9/2006		300.0-W	may 26 - wc	1
				6/9/2006		ACIDITY-W	may 26 - wc	1
				6/9/2006		NO2-W	may 26 - wc	1
				6/9/2006		NO3-W	may 26 - wc	1
				6/9/2006		PO4-O	may 26 - wc	1
L72071-03C				6/9/2006		NH3-W	may 26 - nh3	1
				6/9/2006		NH3-W-PREP	may 26 - nh3	1
L72071-03D				6/9/2006		3005A-ICPMS	may 26 - met	1
				6/9/2006		ICP-W	may 26 - met	1
L72071-03E				6/9/2006	Aqueous-Dissolved	3005A-Diss	may 26 - dis met	1
				6/9/2006		6020-W-DISS	may 26 - dis met	1
				6/9/2006		HARD	may 26 - dis met	1
				6/9/2006		ICP-W-DIS	may 26 - dis met	1
L72071-03F				6/9/2006	Aqueous	OGB-W	ogb	1
L72071-04A	Mud Creek	5/25/2006 1:50:00 PM		6/9/2006		SS	ww - tss/tds/ss	1

WORK ORDER Summary

30-May-06

Work Order L72071

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72071-04A	Mud Creek	5/25/2006 1:50:00 PM	5/26/2006	6/9/2006	Aqueous	TDS-W	ww - tss/tds/ss	1
				6/9/2006		TSS-W	ww - tss/tds/ss	1
L72071-04B				6/9/2006		2320B-ALK-W	may 26 - wc	1
				6/9/2006		300.0-W	may 26 - wc	1
				6/9/2006		ACIDITY-W	may 26 - wc	1
				6/9/2006		NO2-W	may 26 - wc	1
				6/9/2006		NO3-W	may 26 - wc	1
				6/9/2006		PO4-O	may 26 - wc	1
L72071-04C				6/9/2006		NH3-W	may 26 - nh3	1
				6/9/2006		NH3-W-PREP	may 26 - nh3	1
L72071-04D				6/9/2006		3005A-ICPMS	may 26 - met	1
				6/9/2006		ICP-W	may 26 - met	1
L72071-04E				6/9/2006	Aqueous-Dissolved	3005A-Diss	may 26 - dis met	1
				6/9/2006		6020-W-DISS	may 26 - dis met	1
				6/9/2006		HARD	may 26 - dis met	1
				6/9/2006		ICP-W-DIS	may 26 - dis met	1
L72071-04F				6/9/2006	Aqueous	OGB-W	ogb	1
L72071-05A	CR-06-03	5/25/2006 1:00:00 PM		6/9/2006		TDS-W	ww - tds	1
L72071-05B				6/9/2006		2320B-ALK-W	may 26 - wc	1
				6/9/2006		300.0-W	may 26 - wc	1
				6/9/2006		ACIDITY-W	may 26 - wc	1
				6/9/2006		NO2-W	may 26 - wc	1
				6/9/2006		NO3-W	may 26 - wc	1
				6/9/2006		PO4-O	may 26 - wc	1
L72071-05C				6/9/2006		NH3-W	may 26 - nh3	1
				6/9/2006		NH3-W-PREP	may 26 - nh3	1
L72071-05D				6/9/2006		3005A-ICPMS	may 26 - met	1
				6/9/2006		ICP-W	may 26 - met	1

WORK ORDER Summary

30-May-06

Work Order L72071

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72071-05E	CR-06-03	5/25/2006 1:00:00 PM	5/26/2006	6/9/2006	Aqueous-Dissolved	3005A-Diss	may 26 - dis met	1
				6/9/2006		6020-W-DISS	may 26 - dis met	1
				6/9/2006		HARD	may 26 - dis met	1
				6/9/2006		ICP-W-DIS	may 26 - dis met	1
L72071-06A	Eagle Spring	5/25/2006 3:00:00 PM		6/9/2006	Aqueous	SS	ww - tss/tds/ss	1
				6/9/2006		TDS-W	ww - tss/tds/ss	1
				6/9/2006		TSS-W	ww - tss/tds/ss	1
L72071-06B				6/9/2006		2320B-ALK-W	may 26 - wc	1
				6/9/2006		300.0-W	may 26 - wc	1
				6/9/2006		ACIDITY-W	may 26 - wc	1
				6/9/2006		NO2-W	may 26 - wc	1
				6/9/2006		NO3-W	may 26 - wc	1
				6/9/2006		PO4-O	may 26 - wc	1
L72071-06C				6/9/2006		NH3-W	may 26 - nh3	1
				6/9/2006		NH3-W-PREP	may 26 - nh3	1
L72071-06D				6/9/2006		3005A-ICPMS	may 26 - met	1
				6/9/2006		ICP-W	may 26 - met	1
L72071-06E				6/9/2006	Aqueous-Dissolved	3005A-Diss	may 26 - dis met	1
				6/9/2006		6020-W-DISS	may 26 - dis met	1
				6/9/2006		HARD	may 26 - dis met	1
				6/9/2006		ICP-W-DIS	may 26 - dis met	1
L72071-06F				6/9/2006	Aqueous	OGB-W	ogb	1

American West Analytical Laboratories

Chain of Custody

Lab Sample Set # 72071

Page 1 of 1

Client: Carbon Resources - CO Rock Logic
Address: PO Box 544
Cedaredge, CO 81413
Project Name: Scofield Baseline
PO#:

Contact: Brad Lindsay
Phone: (435) 851-9044
Fax :
Email: rocklogicconsulting@gmail.com

QC Level: 2+
Turn Around Time

	Sample ID:	Date Sampled	Time	# of Containers	Sample Matrix		Table 3	Table 4	Comments
1	Eagle Outlet	5/25/2006	14:30	6	w		x		
2	Sulfur Spring	5/25/2006	14:00	6	w		x		
3	Angle Spring	5/25/2006	13:00	6	w		x		
4	Mud Creek	5/25/2006	13:50	6	w		x		
5	CR-06-03	5/25/2006	13:00	5	w			x	
6	Eagle Spring	5/25/2006	15:00	6	w		x		
7									
8									
9									
10									
11									
12									
13									
14									
15									

Laboratory Use Only

Sample Receipt
Shipped/Hand Delivered
Appropriate Containers
Temperature 10.5°C
Received Broken/Leaking
Temperature Blank
Preservation Verified
Received Within Holding Time
Custody Seals
Volatile Headspace

COC Tape Was
Present on Outer Package
Unbroken on Outer Package
Properly Dated & Labeled
Matches COC
Broken or Missing Seals
Unbroken on Bottles

Discrepancies Between Sample Labels and COC Record

Special Instructions: Lab to filter for Metals. Include EDD in Excel format.

Relinquished by: Signature: Brad Lindsay	Date: 5/25/06	Received by: Signature: UPS	Date: 5/26/06
Print Name: BRAD LINDSAY	Time: 17:00	Print Name: UPS	Time: 17:00
Relinquished by: Signature: UPS	Date: 5/26/06	Received by: Signature: Rebecca Winkler	Date: 5/26/06
Print Name:	Time: 11:19	Print Name: REBECCA WINKLER	Time: 11:19

May 30 06 07:54a Clay Wisdom 435-448-9693 p.2

Brad Lindsay <lindsay.brad@gmail.com>

Missing Chain of Custody

1 message

Rebekah Winkler <Rebekah@awal-labs.com> **Fri, May 26, 2006 at 5:41 PM**
To: "Brad Lindsay (E-mail)" <ROCKLOGICCONSULTING@gmail.com>

Brad,

I received your samples for Scofield Baseline today in good condition, but without a chain of custody. I've created one based on the ID's from the sample containers. If I could get you to sign it and fax it back to me it should be considered legalish.
<<IMAGE.PDF>>
Thanks,
-Rebekah Winkler
Sample Custody Officer
American West Analytical Laboratories
463 W. 3600 S.
Salt Lake City, UT 84115
www.awal-labs.com
Tel: (801) 263-8686
Fax: (801) 263-8687
email: rebekah@awal-labs.com

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IMAGE.PDF
178K

30 MAY 06

REBEKAH –

THANKS! THE CHAIN LOOKS GOOD.

I WILL BE SENDING ONE MORE SAMPLE TODAY (TUESDAY). I WILL REMEMBER THE CHAIN THIS TIME –

THIS IS A TWO PAGE FAX

American West Analytical Laboratories

Chain of Custody

Lab Sample Set # 72071

Page 1 of 1

Client: **Carbon Resources - CO Rock Logic**
Address: **PO Box 544**
Cedaredge, CO 81413
Project Name: **Scofield Baseline**
PO#:

Contact: **Brad Lindsay**
Phone: **(435) 851-9044**
Fax :
Email: **rocklogicconsulting@gmail.com**

QC Level: **2+**
Turn Around Time

	Sample ID:	Date Sampled	Time	# of Containers	Sample Matrix		Table 3	Table 4											Comments
1	**Eagle Outlet**	5/25/2006	14:30	6	w		x												
2	**Sulfur Spring**	5/25/2006	14:00	6	w		x												
3	**Angle Spring**	5/25/2006	13:00	6	w		x												
4	**Mud Creek**	5/25/2006	13:50	6	w		x												
5	**CR-06-03**	5/25/2006	13:00	5	w			x											
6	**Eagle Spring**	5/25/2006	15:00	6	w		x												
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

Laboratory Use Only

Samples Were:
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 10 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Special Instructions: **Lab to filter for Metals. Include EDD in Excel format.**

Relinquished by: *Signature*	Date:	Received by: *Signature*	Date:
Print Name	Time:	*Print Name*	Time:
Relinquished by: *Signature* UPS	Date: 5/26/06	Received by: *Signature*	Date: 5/26/06
Print Name	Time: 11:19	*Print Name* REBECCA WINKLER	Time: 11:19

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Temperature	°C

		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 72071

Preservation Check Sheet

			Sample Set Extension and pH															
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4																	
Nutrients[1]	pH <2 H_2SO_4																	
O & G	pH <2 HCL	✓																
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

June 13, 2006

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L72109

Dear Brad Lindsay:

American West Analytical Labs received 1 sample on 5/31/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72109-01D
Field Sample ID: **Res-1**
Collected: 5/30/2006 9:30:00 AM
Received: 5/31/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/8/2006 7:00:48 PM	6010B	0.050	**0.35**
Manganese	mg/L	6/7/2006 1:09:43 AM	6010B	0.0050	**0.092**

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INORGANIC ANALYSIS REPORT

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L72109-01E
Field Sample ID: **Res-1**
Collected: 5/30/2006 9:30:00 AM
Received: 5/31/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	6/12/2006 11:45:17 AM	6010B	0.10	< 0.10	@
Arsenic	mg/L	6/12/2006 7:48:04 PM	6020	0.0050	< 0.0050	
Boron	mg/L	6/12/2006 11:45:17 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	6/12/2006 7:48:04 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	6/12/2006 11:45:17 AM	6010B	1.0	**53**	
Copper	mg/L	6/12/2006 7:48:04 PM	6020	0.0040	< 0.0040	
Iron	mg/L	6/12/2006 11:45:17 AM	6010B	0.050	< 0.050	
Lead	mg/L	6/12/2006 7:48:04 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	6/12/2006 11:45:17 AM	6010B	1.0	**16**	
Manganese	mg/L	6/13/2006 12:02:52 AM	6020	0.0050	< 0.0050	
Molybdenum	mg/L	6/12/2006 11:45:17 AM	6010B	0.10	< 0.10	
Potassium	mg/L	6/12/2006 11:45:17 AM	6010B	1.0	**2.1**	
Selenium	mg/L	6/12/2006 7:48:04 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	6/12/2006 11:45:17 AM	6010B	1.0	**9.1**	
Zinc	mg/L	6/12/2006 7:48:04 PM	6020	0.010	**0.013**	

@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72109-01
Field Sample ID: **Res-1**
Collected: 5/30/2006 9:30:00 AM
Received: 5/31/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	6/1/2006 8:40:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	6/1/2006 8:10:00 AM	2320B	10	**170**	
Ammonia (as N)	mg/L	6/5/2006 12:17:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	6/1/2006 8:10:00 AM	2320B	10	**170**	
Carbonate (As CaCO3)	mg/L	6/1/2006 8:10:00 AM	2320B	10	< 10	
Chloride	mg/L	6/2/2006 1:10:05 AM	300.0	1.0	**3.6**	
Hardness (as CaCO3)	mg/L	6/12/2006	2340B	10	**200**	
Nitrate (as N)	mg/L	5/31/2006 1:34:00 PM	353.2	0.010	**0.056**	
Nitrite (as N)	mg/L	5/31/2006 1:34:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	6/6/2006	EPA 1664	3.0	**4.3**	* #
Phosphate, ortho (as P)	mg/L	6/1/2006 8:03:00 AM	365.1	0.050	< 0.050	[1]@
Settable Solids	ml/L	5/31/2006 11:45:00 AM	160.5	0.10	**0.10**	
Sulfate	mg/L	6/2/2006 1:10:05 AM	300.0	10	**34**	[1]
TDS	mg/L	5/31/2006 3:00:00 PM	160.1	10	**230**	
TSS	mg/L	5/31/2006 4:00:00 PM	160.2	3.0	**14**	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
@ High RPD due to suspected matrix interference.
 # Sample required additional preservative upon receipt.
** Sample was received in incorrect container.*

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-28931	Arsenic	mg/L	6020	0.2208	0.2	0	110	85-115				6/12/2006
LCS-28931	Cadmium	mg/L	6020	0.2240	0.2	0	112	85-115				6/12/2006
LCS-28931	Copper	mg/L	6020	0.1853	0.2	0	92.6	85-115				6/12/2006
LCS-28931	Lead	mg/L	6020	0.2100	0.2	0	105	85-115				6/12/2006
LCS-28931	Selenium	mg/L	6020	0.2221	0.2	0	111	85-115				6/12/2006
LCS-28931	Zinc	mg/L	6020	1.129	1	0.003792	113	85-115				6/12/2006
LCS-28931	Manganese	mg/L	6020	0.2102	0.2	0	105	85-115				6/12/2006
LCS-28932	Manganese	mg/L	6010B	0.2144	0.2	0	107	75-125				6/7/2006
LCS-28932	Iron	mg/L	6010B	1.070	1	0	107	75-125				6/8/2006
LCS-28931	Aluminum	mg/L	6010B	1.037	1	0	104	75-125				6/12/2006
LCS-28931	Boron	mg/L	6010B	1.049	1	0	105	75-125				6/12/2006
LCS-28931	Calcium	mg/L	6010B	10.53	10	0	105	75-125				6/12/2006
LCS-28931	Iron	mg/L	6010B	1.080	1	0	108	75-125				6/12/2006
LCS-28931	Magnesium	mg/L	6010B	10.69	10	0	107	75-125				6/12/2006
LCS-28931	Molybdenum	mg/L	6010B	0.2156	0.2	0	108	75-125				6/12/2006
LCS-28931	Potassium	mg/L	6010B	9.709	10	0	97.1	75-125				6/12/2006
LCS-28931	Sodium	mg/L	6010B	10.31	10	0	103	75-125				6/12/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-28931	Arsenic	mg/L	6020	< 0.0050				-				6/12/2006
MB-28931	Cadmium	mg/L	6020	< 0.0040				-				6/12/2006
MB-28931	Copper	mg/L	6020	< 0.0040				-				6/12/2006
MB-28931	Lead	mg/L	6020	< 0.0050				-				6/12/2006
MB-28931	Selenium	mg/L	6020	< 0.0050				-				6/12/2006
MB-28931	Zinc	mg/L	6020	< 0.010				-				6/12/2006
MB-28931	Manganese	mg/L	6020	< 0.0050				-				6/12/2006
MB-28932	Manganese	mg/L	6010B	< 0.0050				-				6/7/2006
MB-28932	Iron	mg/L	6010B	< 0.050				-				6/8/2006
MB-28931	Aluminum	mg/L	6010B	< 0.10				-				6/12/2006
MB-28931	Boron	mg/L	6010B	< 0.50				-				6/12/2006
MB-28931	Calcium	mg/L	6010B	< 1.0				-				6/12/2006
MB-28931	Iron	mg/L	6010B	< 0.050				-				6/12/2006
MB-28931	Magnesium	mg/L	6010B	< 1.0				-				6/12/2006
MB-28931	Molybdenum	mg/L	6010B	< 0.10				-				6/12/2006
MB-28931	Potassium	mg/L	6010B	< 1.0				-				6/12/2006
MB-28931	Sodium	mg/L	6010B	< 1.0				-				6/12/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72094-04AMS	Zinc	mg/L	6020	3.250	1	2.157	109	70-130				6/12/2006
L72109-01EMS	Arsenic	mg/L	6020	0.1945	0.2	0	97.3	70-130				6/12/2006
L72109-01EMS	Cadmium	mg/L	6020	0.2023	0.2	0	101	70-130				6/12/2006
L72109-01EMS	Copper	mg/L	6020	0.1743	0.2	0.001792	86.3	70-130				6/12/2006
L72109-01EMS	Lead	mg/L	6020	0.1915	0.2	0	95.8	70-130				6/12/2006
L72109-01EMS	Selenium	mg/L	6020	0.2190	0.2	0	110	70-130				6/12/2006
L72109-01EMS	Zinc	mg/L	6020	1.016	1	0.0131	100	70-130				6/12/2006
L72109-01EMS	Manganese	mg/L	6020	0.2037	0.2	0.001869	101	70-130				6/13/2006
L72109-01DMS	Manganese	mg/L	6010B	0.2958	0.2	0.09197	102	75-125				6/7/2006
L72109-01DMS	Iron	mg/L	6010B	1.379	1	0.3454	103	75-125				6/8/2006
L72109-01EMS	Aluminum	mg/L	6010B	0.8648	1	0	86.5	75-125				6/12/2006
L72109-01EMS	Boron	mg/L	6010B	0.9986	1	0	99.9	75-125				6/12/2006
L72109-01EMS	Calcium	mg/L	6010B	61.46	10	53.34	81.1	75-125				6/12/2006
L72109-01EMS	Iron	mg/L	6010B	1.016	1	0.01065	101	75-125				6/12/2006
L72109-01EMS	Magnesium	mg/L	6010B	25.34	10	16.26	90.8	75-125				6/12/2006
L72109-01EMS	Molybdenum	mg/L	6010B	0.1986	0.2	0	99.3	75-125				6/12/2006
L72109-01EMS	Potassium	mg/L	6010B	11.99	10	2.071	99.2	75-125				6/12/2006
L72109-01EMS	Sodium	mg/L	6010B	18.25	10	9.136	91.2	75-125				6/12/2006

Sample L72094-4A required additional preservative upon receipt.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72094-04AMSD	Zinc	mg/L	6020	3.188	1	2.157	103	70-130	1.95	20		6/12/2006
L72109-01EMSD	Arsenic	mg/L	6020	0.2234	0.2	0	112	70-130	13.8	20		6/12/2006
L72109-01EMSD	Cadmium	mg/L	6020	0.2156	0.2	0	108	70-130	6.35	20		6/12/2006
L72109-01EMSD	Copper	mg/L	6020	0.1739	0.2	0.001792	86.1	70-130	0.230	20		6/12/2006
L72109-01EMSD	Lead	mg/L	6020	0.2054	0.2	0	103	70-130	7.01	20		6/12/2006
L72109-01EMSD	Selenium	mg/L	6020	0.2468	0.2	0	123	70-130	11.9	20		6/12/2006
L72109-01EMSD	Zinc	mg/L	6020	1.079	1	0.0131	107	70-130	6.03	20		6/12/2006
L72109-01EMSD	Manganese	mg/L	6020	0.2127	0.2	0.001869	105	70-130	4.28	20		6/13/2006
L72109-01DMSD	Manganese	mg/L	6010B	0.2942	0.2	0.09197	101	75-125	0.539	20		6/7/2006
L72109-01DMSD	Iron	mg/L	6010B	1.341	1	0.3454	99.5	75-125	2.81	20		6/8/2006
L72109-01EMSD	Aluminum	mg/L	6010B	1.078	1	0	108	75-125	21.9	20	@	6/12/2006
L72109-01EMSD	Boron	mg/L	6010B	1.051	1	0	105	75-125	5.13	20		6/12/2006
L72109-01EMSD	Calcium	mg/L	6010B	63.01	10	53.34	96.6	75-125	2.49	20		6/12/2006
L72109-01EMSD	Iron	mg/L	6010B	1.124	1	0.01065	111	75-125	10.0	20		6/12/2006
L72109-01EMSD	Magnesium	mg/L	6010B	25.98	10	16.26	97.2	75-125	2.49	20		6/12/2006
L72109-01EMSD	Molybdenum	mg/L	6010B	0.2115	0.2	0	106	75-125	6.27	20		6/12/2006
L72109-01EMSD	Potassium	mg/L	6010B	12.98	10	2.071	109	75-125	7.90	20		6/12/2006
L72109-01EMSD	Sodium	mg/L	6010B	18.99	10	9.136	98.5	75-125	3.94	20		6/12/2006

@ High RPD due to suspected matrix interference.
Sample L72094-4A required additional preservative upon receipt.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72097-01CDUP	TDS	mg/L	160.1	508.0	0	544		-	6.84	20		5/31/2006
L72109-01ADUP	TDS	mg/L	160.1	212.0	0	228		-	7.27	20		5/31/2006
L72095-02ADUP	TSS	mg/L	160.2	4.000	0	5		-	22.2	20	*	5/31/2006
L72097-02CDUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		5/31/2006
L72109-01ADUP	TSS	mg/L	160.2	14.00	0	14		-	0	20		5/31/2006
L72110-03ADUP	TSS	mg/L	160.2	7.000	0	9		-	25.0	20	*	5/31/2006

* High RPD due to low analyte concentration. In this range, high RPD's may be expected.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R58360	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				6/1/2006
LCS-R58446	Chloride	mg/L	300.0	5.010	5	0	100	90-110				6/2/2006
LCS-R58446	Sulfate	mg/L	300.0	5.277	5	0	106	90-110				6/2/2006
LCS-R58359	Acidity	mg/L	305.1	55.00	50	0	110	80-120				6/1/2006
LCS-28890	Ammonia (as N)	mg/L	350.1	1.033	1	0	103	90-110				6/5/2006
LCS-58324	Nitrite (as N)	mg/L	353.2	1.010	1	0	101	90-110				5/31/2006
LCS	Nitrate (as N)	mg/L	353.2	1.054	1	0	105	90-110				5/31/2006
LCS-R58550	Oil & Grease	mg/L	EPA 1664	44.60	40	0	112	79-114				6/6/2006
LCS-58358	Phosphate, ortho (as P)	mg/L	365.1	1.042	1	0	104	90-110				6/1/2006
LCS-R58370	TDS	mg/L	160.1	204.0	205	0	99.5	80-120				5/31/2006
LCS-R58364	TSS	mg/L	160.2	105.0	100	0	105	80-120				5/31/2006

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R58360	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				6/1/2006
MB-R58360	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				6/1/2006
MB-R58360	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				6/1/2006
MB-R58446	Chloride	mg/L	300.0	< 1.0				-				6/2/2006
MB-R58446	Sulfate	mg/L	300.0	< 1.0				-				6/2/2006
MB-R58359	Acidity	mg/L	305.1	< 15				-				6/1/2006
MB-28890	Ammonia (as N)	mg/L	350.1	< 0.050				-				6/5/2006
MB-58324	Nitrite (as N)	mg/L	353.2	< 0.010				-				5/31/2006
MBLK	Nitrate (as N)	mg/L	353.2	< 0.010				-				5/31/2006
MB-R58550	Oil & Grease	mg/L	EPA 1664	< 3.0				-				6/6/2006
MB-58358	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				6/1/2006
MB-R58370	TDS	mg/L	160.1	< 10				-				5/31/2006
MB-R58364	TSS	mg/L	160.2	< 3.0				-				5/31/2006

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72109-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	268.0	100	167	101	80-120				6/1/2006
L72109-01BMS	Chloride	mg/L	300.0	8.508	5	3.635	97.5	90-110				6/2/2006
L72109-01BMS	Sulfate	mg/L	300.0	91.09	50	34.46	113	90-110			1	6/2/2006
L72110-05AMS	Ammonia (as N)	mg/L	350.1	2.929	1	2.069	86.0	90-110			1	6/5/2006
L72109-01CMS	Ammonia (as N)	mg/L	350.1	0.9450	1	0.031	91.4	90-110				6/5/2006
L72109-01BMS	Nitrite (as N)	mg/L	353.2	1.005	1	0	101	90-110				5/31/2006
L72109-01BMS	Nitrate (as N)	mg/L	353.2	1.092	1	0.056	104	90-110				5/31/2006
L72109-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.128	1	0.02	111	90-110			1	6/1/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72109-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	268.0	100	167	101	80-120	0	10		6/1/2006
L72109-01BMSD	Chloride	mg/L	300.0	8.411	5	3.635	95.5	90-110	1.15	20		6/2/2006
L72109-01BMSD	Sulfate	mg/L	300.0	87.02	50	34.46	105	90-110	4.57	20		6/2/2006
L72110-05AMSD	Ammonia (as N)	mg/L	350.1	2.983	1	2.069	91.4	90-110	1.83	10		6/5/2006
L72109-01CMSD	Ammonia (as N)	mg/L	350.1	0.9660	1	0.031	93.5	90-110	2.20	10		6/5/2006
L72109-01BMSD	Nitrite (as N)	mg/L	353.2	1.003	1	0	100	90-110	0.199	10		5/31/2006
L72109-01BMSD	Nitrate (as N)	mg/L	353.2	1.081	1	0.056	103	90-110	1.01	10		5/31/2006
L72109-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.018	1	0.02	99.8	90-110	10.3	10	@	6/1/2006

@ High RPD due to suspected matrix interference.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R58550	Oil & Grease	mg/L	EPA 1664	40.20	40	0	100	79-114				6/6/2006

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72109
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R58550	Oil & Grease	mg/L	EPA 1664	41.80	40	0	104	79-114	3.90	18		6/6/2006

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American West Analytical Labs

WORK ORDER Summary

31-May-06

Work Order L72109

Client ID: WHI100 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: 2+. Footnote report, O&G required additional preservative.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72109-01A	Res-1	5/30/2006 9:30:00 AM	5/31/2006	6/14/2006	Aqueous	SS	ww - tss/tds/ss	1
				6/14/2006		TDS-W	ww - tss/tds/ss	1
				6/14/2006		TSS-W	ww - tss/tds/ss	1
L72109-01B				6/14/2006		2320B-ALK-W	may 31 - wc	1
				6/14/2006		300.0-W	may 31 - wc	1
				6/14/2006		ACIDITY-W	may 31 - wc	1
				6/14/2006		NO2-W	may 31 - wc	1
				6/14/2006		NO3-W	may 31 - wc	1
				6/14/2006		PO4-O	may 31 - wc	1
L72109-01C				6/14/2006		NH3-W	may 31 - nh3	1
				6/14/2006		NH3-W-PREP	may 31 - nh3	1
L72109-01D				6/14/2006		3005A-ICPMS	may 31 - met	1
				6/14/2006		ICP-W	may 31 - met	1
L72109-01E				6/14/2006	Aqueous-Dissolved	3005A-Diss	may 31 - dis met	1
				6/14/2006		6020-W-DISS	may 31 - dis met	1
				6/14/2006		HARD	may 31 - dis met	1
				6/14/2006		ICP-W-DIS	may 31 - dis met	1
L72109-01F				6/14/2006	Aqueous	OGB-W	ogb	1

72109

Client Carbon Resources Co Rock Logic
Address Po Box 544
Cedaredge CO 81413
City State Zip
Phone 970.856.6788 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

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CHAIN OF CUSTODY

Lab Sample Set # 72109
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)		table 3									COMMENTS
					Please indicate tests needed below									
Res-1	5.30.06 9:30	W	7		✓									

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature 3°C
4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:
5 Properly Preserved
Y (N)
Notes:
O+G out.
6 Received Within Holding Times
(Y) N
Notes:

COC Tape Was:
1 Present on Outer Package
Y (N) NA
2 Unbroken on Outer Package
Y N (NA)
3 Present on Sample
Y (N) NA
4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 13:00	PRINT NAME UPS
Relinquished By: Signature UPS	Date 5/31/06	Received By: Signature
PRINT NAME	Time 10:20	PRINT NAME REBEKAH WINKLER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

please filter for dissolved metals

O and G bottle preserved with approx. 2 ml 1:1 HCl

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*		Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 72109

Preservation Check Sheet

		Sample Set Extension and pH																
Bottle Type	Preservative	All OK	Except 01	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4																	
Nutrients[1]	pH <2 H_2SO_4																	
O & G	pH <2 HCL		5															
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

July 12, 2006

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L72660

Dear Brad Lindsay:

American West Analytical Labs received 6 samples on 6/30/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-01D
Field Sample ID: **Miller Outlet**
Collected: 6/29/2006 12:00:00 PM
Received: 6/30/2006

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Iron	mg/L	7/11/2006 5:17:38 PM	6010B	0.050	**2.4**	[2]
Manganese	mg/L	7/11/2006 5:17:38 PM	6010B	0.0050	**0.13**	

[2] *Analyte concentration is too high for accurate spike recovery.*

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INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
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e-mail: awal@awal-labs.com

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-03D
Field Sample ID: **Sulfer Spring**
Collected: 6/29/2006 11:00:00 AM
Received: 6/30/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/11/2006 5:41:23 PM	6010B	0.050	< 0.050
Manganese	mg/L	7/11/2006 5:41:23 PM	6010B	0.0050	**0.029**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-04D
Field Sample ID: **Mud Creek**
Collected: 6/29/2006 10:30:00 AM
Received: 6/30/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/11/2006 5:45:19 PM	6010B	0.050	**0.25**
Manganese	mg/L	7/11/2006 5:45:19 PM	6010B	0.0050	**0.030**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-05D
Field Sample ID: **Angle Spring**
Collected: 6/29/2006 10:00:00 AM
Received: 6/30/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/11/2006 5:49:15 PM	6010B	0.050	< 0.050
Manganese	mg/L	7/11/2006 5:49:15 PM	6010B	0.0050	< 0.0050

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Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-06D
Field Sample ID: **CR-06-03-ABV**
Collected: 6/29/2006 9:00:00 AM
Received: 6/30/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/11/2006 5:53:11 PM	6010B	0.050	**0.31**
Manganese	mg/L	7/11/2006 5:53:11 PM	6010B	0.0050	**0.025**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-07D
Field Sample ID: **Scofield Res. 1**
Collected: 6/29/2006 11:30:00 AM
Received: 6/30/2006

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Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/11/2006 5:57:07 PM	6010B	0.050	**0.37**
Manganese	mg/L	7/11/2006 5:57:07 PM	6010B	0.0050	**0.058**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-01E
Field Sample ID: **Miller Outlet**
Collected: 6/29/2006 12:00:00 PM
Received: 6/30/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	7/12/2006 8:31:45 AM	6010B	0.10	< 0.10
Arsenic	mg/L	7/11/2006 5:35:50 PM	6020	0.0050	< 0.0050
Boron	mg/L	7/12/2006 8:31:45 AM	6010B	0.50	< 0.50
Cadmium	mg/L	7/11/2006 5:35:50 PM	6020	0.0040	< 0.0040
Calcium	mg/L	7/12/2006 8:31:45 AM	6010B	10	**67**
Copper	mg/L	7/11/2006 5:35:50 PM	6020	0.0040	< 0.0040
Iron	mg/L	7/12/2006 8:31:45 AM	6010B	0.050	< 0.050
Lead	mg/L	7/11/2006 5:35:50 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	7/12/2006 8:31:45 AM	6010B	1.0	**16**
Manganese	mg/L	7/11/2006 5:35:50 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	7/12/2006 8:31:45 AM	6010B	0.10	< 0.10
Potassium	mg/L	7/12/2006 8:31:45 AM	6010B	1.0	**1.9**
Selenium	mg/L	7/12/2006 12:58:39 PM	6020	0.0050	< 0.0050
Sodium	mg/L	7/12/2006 8:31:45 AM	6010B	1.0	**5.4**
Zinc	mg/L	7/11/2006 5:35:50 PM	6020	0.010	**0.010**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-03E
Field Sample ID: **Sulfer Spring**
Collected: 6/29/2006 11:00:00 AM
Received: 6/30/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	7/12/2006 8:35:42 AM	6010B	0.10	< 0.10
Arsenic	mg/L	7/11/2006 5:41:15 PM	6020	0.0050	< 0.0050
Boron	mg/L	7/12/2006 8:35:42 AM	6010B	0.50	< 0.50
Cadmium	mg/L	7/11/2006 5:41:15 PM	6020	0.0040	< 0.0040
Calcium	mg/L	7/12/2006 8:35:42 AM	6010B	10	**84**
Copper	mg/L	7/11/2006 5:41:15 PM	6020	0.0040	< 0.0040
Iron	mg/L	7/12/2006 8:35:42 AM	6010B	0.050	< 0.050
Lead	mg/L	7/11/2006 5:41:15 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	7/12/2006 8:35:42 AM	6010B	10	**35**
Manganese	mg/L	7/11/2006 5:41:15 PM	6020	0.0050	**0.029**
Molybdenum	mg/L	7/12/2006 8:35:42 AM	6010B	0.10	< 0.10
Potassium	mg/L	7/12/2006 8:35:42 AM	6010B	1.0	**4.4**
Selenium	mg/L	7/12/2006 1:04:00 PM	6020	0.0050	< 0.0050
Sodium	mg/L	7/12/2006 8:35:42 AM	6010B	1.0	**7.8**
Zinc	mg/L	7/11/2006 5:41:15 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-04E
Field Sample ID: **Mud Creek**
Collected: 6/29/2006 10:30:00 AM
Received: 6/30/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	7/12/2006 8:39:39 AM	6010B	0.10	< 0.10
Arsenic	mg/L	7/11/2006 5:46:39 PM	6020	0.0050	< 0.0050
Boron	mg/L	7/12/2006 8:39:39 AM	6010B	0.50	< 0.50
Cadmium	mg/L	7/11/2006 5:46:39 PM	6020	0.0040	< 0.0040
Calcium	mg/L	7/12/2006 8:39:39 AM	6010B	10	**71**
Copper	mg/L	7/11/2006 5:46:39 PM	6020	0.0040	< 0.0040
Iron	mg/L	7/12/2006 8:39:39 AM	6010B	0.050	< 0.050
Lead	mg/L	7/11/2006 5:46:39 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	7/12/2006 8:39:39 AM	6010B	10	**39**
Manganese	mg/L	7/11/2006 5:46:39 PM	6020	0.0050	**0.019**
Molybdenum	mg/L	7/12/2006 8:39:39 AM	6010B	0.10	< 0.10
Potassium	mg/L	7/12/2006 8:39:39 AM	6010B	1.0	**6.0**
Selenium	mg/L	7/12/2006 1:09:23 PM	6020	0.0050	< 0.0050
Sodium	mg/L	7/12/2006 8:39:39 AM	6010B	1.0	**28**
Zinc	mg/L	7/11/2006 5:46:39 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-05E
Field Sample ID: **Angle Spring**
Collected: 6/29/2006 10:00:00 AM
Received: 6/30/2006

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	7/12/2006 8:51:28 AM	6010B	0.10	< 0.10
Arsenic	mg/L	7/11/2006 5:52:03 PM	6020	0.0050	< 0.0050
Boron	mg/L	7/12/2006 8:51:28 AM	6010B	0.50	< 0.50
Cadmium	mg/L	7/11/2006 5:52:03 PM	6020	0.0040	< 0.0040
Calcium	mg/L	7/12/2006 8:51:28 AM	6010B	10	**92**
Copper	mg/L	7/11/2006 5:52:03 PM	6020	0.0040	< 0.0040
Iron	mg/L	7/12/2006 8:51:28 AM	6010B	0.050	< 0.050
Lead	mg/L	7/11/2006 5:52:03 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	7/12/2006 8:51:28 AM	6010B	10	**18**
Manganese	mg/L	7/11/2006 5:52:03 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	7/12/2006 8:51:28 AM	6010B	0.10	< 0.10
Potassium	mg/L	7/12/2006 8:51:28 AM	6010B	1.0	**1.2**
Selenium	mg/L	7/12/2006 1:14:47 PM	6020	0.0050	< 0.0050
Sodium	mg/L	7/12/2006 8:51:28 AM	6010B	1.0	**8.7**
Zinc	mg/L	7/11/2006 5:52:03 PM	6020	0.010	< 0.010

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Peggy McNicol
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L72660-06E
Field Sample ID: **CR-06-03-ABV**
Collected: 6/29/2006 9:00:00 AM
Received: 6/30/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	7/12/2006 8:55:20 AM	6010B	0.10	< 0.10
Arsenic	mg/L	7/11/2006 5:57:27 PM	6020	0.0050	**0.033**
Boron	mg/L	7/12/2006 8:55:20 AM	6010B	0.50	< 0.50
Cadmium	mg/L	7/11/2006 5:57:27 PM	6020	0.0040	< 0.0040
Calcium	mg/L	7/12/2006 8:55:20 AM	6010B	10	**110**
Copper	mg/L	7/11/2006 5:57:27 PM	6020	0.0040	< 0.0040
Iron	mg/L	7/12/2006 8:55:20 AM	6010B	0.050	< 0.050
Lead	mg/L	7/11/2006 5:57:27 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	7/12/2006 8:55:20 AM	6010B	10	**29**
Manganese	mg/L	7/11/2006 5:57:27 PM	6020	0.0050	**0.031**
Molybdenum	mg/L	7/12/2006 8:55:20 AM	6010B	0.10	< 0.10
Potassium	mg/L	7/12/2006 8:55:20 AM	6010B	1.0	**2.0**
Selenium	mg/L	7/12/2006 1:20:10 PM	6020	0.0050	< 0.0050
Sodium	mg/L	7/12/2006 8:55:20 AM	6010B	1.0	**8.7**
Zinc	mg/L	7/11/2006 5:57:27 PM	6020	0.010	**0.38**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-07E
Field Sample ID: **Scofield Res. 1**
Collected: 6/29/2006 11:30:00 AM
Received: 6/30/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	7/12/2006 9:03:05 AM	6010B	0.10	< 0.10
Arsenic	mg/L	7/11/2006 6:02:52 PM	6020	0.0050	< 0.0050
Boron	mg/L	7/12/2006 9:03:05 AM	6010B	0.50	< 0.50
Cadmium	mg/L	7/11/2006 6:02:52 PM	6020	0.0040	< 0.0040
Calcium	mg/L	7/12/2006 9:03:05 AM	6010B	10	**32**
Copper	mg/L	7/11/2006 6:02:52 PM	6020	0.0040	< 0.0040
Iron	mg/L	7/12/2006 9:03:05 AM	6010B	0.050	< 0.050
Lead	mg/L	7/11/2006 6:02:52 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	7/12/2006 9:03:05 AM	6010B	1.0	**16**
Manganese	mg/L	7/11/2006 6:02:52 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	7/12/2006 9:03:05 AM	6010B	0.10	< 0.10
Potassium	mg/L	7/12/2006 9:03:05 AM	6010B	1.0	**1.3**
Selenium	mg/L	7/12/2006 1:25:34 PM	6020	0.0050	< 0.0050
Sodium	mg/L	7/12/2006 9:03:05 AM	6010B	1.0	**8.4**
Zinc	mg/L	7/11/2006 6:02:52 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-01
Field Sample ID: **Miller Outlet**
Collected: 6/29/2006 12:00:00 PM
Received: 6/30/2006

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	7/3/2006 8:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	7/7/2006 4:41:00 PM	350.1	0.050	**0.055**
Bicarbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	< 20
Chloride	mg/L	7/5/2006 12:05:29 PM	300.0	1.0	**8.8**
Hardness (as CaCO3)	mg/L	7/11/2006	2340B	10	**260**
Nitrate (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	**0.075**
Nitrite (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/30/2006	EPA 1664	3.0	**3.9**
Phosphate, ortho (as P)	mg/L	6/30/2006 12:20:00 PM	365.1	0.050	**0.077**
Settable Solids	ml/L	6/30/2006 10:30:00 AM	160.5	0.10	**0.20**
Sulfate	mg/L	7/5/2006 12:05:29 PM	300.0	10	**20**
TDS	mg/L	6/30/2006 3:00:00 PM	160.1	20	**200**
TSS	mg/L	6/30/2006 5:15:00 PM	160.2	3.0	**150**

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INORGANIC ANALYSIS REPORT

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-03
Field Sample ID: **Sulfer Spring**
Collected: 6/29/2006 11:00:00 AM
Received: 6/30/2006

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	7/3/2006 8:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**330**
Ammonia (as N)	mg/L	7/7/2006 4:41:00 PM	350.1	0.050	**0.064**
Bicarbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**330**
Carbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	< 20
Chloride	mg/L	7/5/2006 1:45:11 AM	300.0	1.0	**6.2**
Hardness (as CaCO3)	mg/L	7/11/2006	2340B	10	**390**
Nitrate (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/30/2006	EPA 1664	3.0	**4.4**
Phosphate, ortho (as P)	mg/L	6/30/2006 12:20:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	6/30/2006 10:30:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	7/5/2006 1:45:11 AM	300.0	10	**44**
TDS	mg/L	6/30/2006 3:00:00 PM	160.1	20	**310**
TSS	mg/L	6/30/2006 5:15:00 PM	160.2	3.0	**6.0**

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QA Officer

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-04
Field Sample ID: **Mud Creek**
Collected: 6/29/2006 10:30:00 AM
Received: 6/30/2006

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	7/3/2006 8:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**230**
Ammonia (as N)	mg/L	7/7/2006 4:41:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**180**
Carbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**55**
Chloride	mg/L	7/5/2006 2:51:40 AM	300.0	10	**14**
Hardness (as CaCO3)	mg/L	7/11/2006	2340B	10	**380**
Nitrate (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	**0.22**
Nitrite (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/30/2006	EPA 1664	3.0	**4.4**
Phosphate, ortho (as P)	mg/L	6/30/2006 12:20:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	6/30/2006 10:30:00 AM	160.5	0.10	**0.10**
Sulfate	mg/L	7/5/2006 2:51:40 AM	300.0	100	**160**
TDS	mg/L	6/30/2006 3:00:00 PM	160.1	20	**380**
TSS	mg/L	6/30/2006 5:15:00 PM	160.2	3.0	**21**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-05
Field Sample ID: **Angle Spring**
Collected: 6/29/2006 10:00:00 AM
Received: 6/30/2006

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	7/3/2006 8:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**290**
Ammonia (as N)	mg/L	7/7/2006 4:41:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**290**
Carbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	< 20
Chloride	mg/L	7/5/2006 3:58:08 AM	300.0	10	**22**
Hardness (as CaCO3)	mg/L	7/11/2006	2340B	10	**330**
Nitrate (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	**0.94**
Nitrite (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/30/2006	EPA 1664	3.0	**3.1**
Phosphate, ortho (as P)	mg/L	6/30/2006 12:20:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	6/30/2006 10:30:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	7/5/2006 3:58:08 AM	300.0	10	**18**
TDS	mg/L	6/30/2006 3:00:00 PM	160.1	20	**280**
TSS	mg/L	6/30/2006 5:15:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-06
Field Sample ID: **CR-06-03-ABV**
Collected: 6/29/2006 9:00:00 AM
Received: 6/30/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	7/3/2006 8:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**380**
Ammonia (as N)	mg/L	7/7/2006 4:41:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**380**
Carbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	< 20
Chloride	mg/L	7/5/2006 5:37:53 AM	300.0	10	**17**
Hardness (as CaCO3)	mg/L	7/11/2006	2340B	10	**430**
Nitrate (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Phosphate, ortho (as P)	mg/L	6/30/2006 12:20:00 PM	365.1	0.050	< 0.050
Sulfate	mg/L	7/5/2006 5:37:53 AM	300.0	10	**39**
TDS	mg/L	6/30/2006 3:00:00 PM	160.1	20	**370**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L72660-07
Field Sample ID: **Scofield Res. 1**
Collected: 6/29/2006 11:30:00 AM
Received: 6/30/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	7/3/2006 8:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**160**
Ammonia (as N)	mg/L	7/7/2006 4:41:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**120**
Carbonate (As CaCO3)	mg/L	7/3/2006 7:40:00 AM	2320B	20	**31**
Chloride	mg/L	7/5/2006 7:17:35 AM	300.0	1.0	**6.9**
Hardness (as CaCO3)	mg/L	7/11/2006	2340B	10	**170**
Nitrate (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	6/30/2006 3:03:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/30/2006	EPA 1664	3.0	**3.2**
Phosphate, ortho (as P)	mg/L	6/30/2006 12:20:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	6/30/2006 10:30:00 AM	160.5	0.10	**0.70**
Sulfate	mg/L	7/5/2006 7:17:35 AM	300.0	10	**34**
TDS	mg/L	6/30/2006 3:00:00 PM	160.1	20	**96**
TSS	mg/L	6/30/2006 5:15:00 PM	160.2	3.0	**34**

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-29449	Arsenic	mg/L	6020	0.2148	0.2	0	107	85-115				7/11/2006
LCS-29449	Cadmium	mg/L	6020	0.2170	0.2	0	108	85-115				7/11/2006
LCS-29449	Copper	mg/L	6020	0.2021	0.2	0	101	85-115				7/11/2006
LCS-29449	Lead	mg/L	6020	0.2152	0.2	0	108	85-115				7/11/2006
LCS-29449	Manganese	mg/L	6020	0.2150	0.2	0.00446	105	85-115				7/11/2006
LCS-29449	Zinc	mg/L	6020	1.049	1	0	105	85-115				7/11/2006
LCS-29449	Selenium	mg/L	6020	0.2125	0.2	0	106	85-115				7/12/2006
LCS-29452	Iron	mg/L	6010B	1.125	1	0	113	75-125				7/11/2006
LCS-29452	Manganese	mg/L	6010B	0.2149	0.2	0	107	75-125				7/11/2006
LCS-29449	Aluminum	mg/L	6010B	0.9971	1	0	99.7	75-125				7/12/2006
LCS-29449	Boron	mg/L	6010B	1.063	1	0	106	75-125				7/12/2006
LCS-29449	Calcium	mg/L	6010B	10.48	10	0	105	75-125				7/12/2006
LCS-29449	Iron	mg/L	6010B	1.080	1	0	108	75-125				7/12/2006
LCS-29449	Magnesium	mg/L	6010B	10.79	10	0	108	75-125				7/12/2006
LCS-29449	Molybdenum	mg/L	6010B	0.2140	0.2	0	107	75-125				7/12/2006
LCS-29449	Potassium	mg/L	6010B	10.35	10	0	104	75-125				7/12/2006
LCS-29449	Sodium	mg/L	6010B	9.788	10	0	97.9	75-125				7/12/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-29449	Arsenic	mg/L	6020	< 0.0050				-				7/11/2006
MB-29449	Cadmium	mg/L	6020	< 0.0040				-				7/11/2006
MB-29449	Lead	mg/L	6020	< 0.0050				-				7/11/2006
MB-29449	Manganese	mg/L	6020	< 0.0050				-				7/11/2006
MB-29449	Selenium	mg/L	6020	< 0.0050				-				7/11/2006
MB-29449	Copper	mg/L	6020	< 0.0040				-				7/12/2006
MB-29449	Zinc	mg/L	6020	< 0.010				-				7/12/2006
MB-29452	Iron	mg/L	6010B	< 0.050				-				7/11/2006
MB-29452	Manganese	mg/L	6010B	< 0.0050				-				7/11/2006
MB-29449	Aluminum	mg/L	6010B	< 0.10				-				7/12/2006
MB-29449	Boron	mg/L	6010B	< 0.50				-				7/12/2006
MB-29449	Calcium	mg/L	6010B	< 1.0				-				7/12/2006
MB-29449	Iron	mg/L	6010B	< 0.050				-				7/12/2006
MB-29449	Magnesium	mg/L	6010B	< 1.0				-				7/12/2006
MB-29449	Molybdenum	mg/L	6010B	< 0.10				-				7/12/2006
MB-29449	Potassium	mg/L	6010B	< 1.0				-				7/12/2006
MB-29449	Sodium	mg/L	6010B	< 1.0				-				7/12/2006

All analyses applicab[redacted] CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached[redacted] This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any memb[redacted]aff, or reproduction of this report in conne[redacted]he advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted]for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspecti[redacted]analysis in good faith and according to th[redacted]he trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72660-07EMS	Arsenic	mg/L	6020	0.2215	0.2	0	111	70-130				7/11/2006
L72660-07EMS	Cadmium	mg/L	6020	0.2179	0.2	0	109	70-130				7/11/2006
L72660-07EMS	Copper	mg/L	6020	0.2005	0.2	0	100	70-130				7/11/2006
L72660-07EMS	Lead	mg/L	6020	0.2157	0.2	0	108	70-130				7/11/2006
L72660-07EMS	Manganese	mg/L	6020	0.2197	0.2	0.002477	109	70-130				7/11/2006
L72660-07EMS	Zinc	mg/L	6020	1.052	1	0.004945	105	70-130				7/11/2006
L72660-07EMS	Selenium	mg/L	6020	0.2252	0.2	0	113	70-130				7/12/2006
L72660-01DMS	Iron	mg/L	6010B	2.966	1	2.366	60.0	75-125			2	7/11/2006
L72660-01DMS	Manganese	mg/L	6010B	0.3310	0.2	0.134	98.5	75-125				7/11/2006
L72660-07EMS	Aluminum	mg/L	6010B	1.062	1	0	106	75-125				7/12/2006
L72660-07EMS	Boron	mg/L	6010B	1.141	1	0.04417	110	75-125				7/12/2006
L72660-07EMS	Calcium	mg/L	6010B	43.44	10	32.32	111	75-125				7/12/2006
L72660-07EMS	Iron	mg/L	6010B	1.084	1	0.0151	107	75-125				7/12/2006
L72660-07EMS	Magnesium	mg/L	6010B	26.84	10	16.49	104	75-125				7/12/2006
L72660-07EMS	Molybdenum	mg/L	6010B	0.2232	0.2	0	112	75-125				7/12/2006
L72660-07EMS	Potassium	mg/L	6010B	11.28	10	1.332	99.4	75-125				7/12/2006
L72660-07EMS	Sodium	mg/L	6010B	18.55	10	8.449	101	75-125				7/12/2006

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72660-07EMSD	Arsenic	mg/L	6020	0.2265	0.2	0	113	70-130	2.26	20		7/11/2006
L72660-07EMSD	Cadmium	mg/L	6020	0.2212	0.2	0	111	70-130	1.49	20		7/11/2006
L72660-07EMSD	Copper	mg/L	6020	0.2019	0.2	0	101	70-130	0.664	20		7/11/2006
L72660-07EMSD	Lead	mg/L	6020	0.2175	0.2	0	109	70-130	0.826	20		7/11/2006
L72660-07EMSD	Manganese	mg/L	6020	0.2216	0.2	0.002477	110	70-130	0.869	20		7/11/2006
L72660-07EMSD	Zinc	mg/L	6020	1.060	1	0.004945	106	70-130	0.717	20		7/11/2006
L72660-07EMSD	Selenium	mg/L	6020	0.2321	0.2	0	116	70-130	2.98	20		7/12/2006
L72660-01DMSD	Iron	mg/L	6010B	3.092	1	2.366	72.5	75-125	4.14	20	[2]	7/11/2006
L72660-01DMSD	Manganese	mg/L	6010B	0.3447	0.2	0.134	105	75-125	4.05	20		7/11/2006
L72660-07EMSD	Aluminum	mg/L	6010B	1.041	1	0	104	75-125	2.01	20		7/12/2006
L72660-07EMSD	Boron	mg/L	6010B	1.111	1	0.04417	107	75-125	2.67	20		7/12/2006
L72660-07EMSD	Calcium	mg/L	6010B	44.21	10	32.32	119	75-125	1.76	20		7/12/2006
L72660-07EMSD	Iron	mg/L	6010B	1.100	1	0.0151	108	75-125	1.42	20		7/12/2006
L72660-07EMSD	Magnesium	mg/L	6010B	26.96	10	16.49	105	75-125	0.430	20		7/12/2006
L72660-07EMSD	Molybdenum	mg/L	6010B	0.2170	0.2	0	108	75-125	2.83	20		7/12/2006
L72660-07EMSD	Potassium	mg/L	6010B	11.46	10	1.332	101	75-125	1.62	20		7/12/2006
L72660-07EMSD	Sodium	mg/L	6010B	18.68	10	8.449	102	75-125	0.674	20		7/12/2006

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72673-04DDUP	TDS	mg/L	160.1	348.0	0	352		-	1.14	20		6/30/2006
L72649-08DDUP	TDS	mg/L	160.1	760.0	0	784		-	3.11	20		6/30/2006
L72660-07ADUP	TDS	mg/L	160.1	108.0	0	96		-	11.8	20		6/30/2006
L72645-01ADUP	TSS	mg/L	160.2	4.000	0	4		-	0	20		6/30/2006
L72660-07ADUP	TSS	mg/L	160.2	36.00	0	34		-	5.71	20		6/30/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R59363	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				7/3/2006
LCS-R59442	Chloride	mg/L	300.0	5.056	5	0	101	90-110				7/5/2006
LCS-R59442	Sulfate	mg/L	300.0	5.241	5	0	105	90-110				7/5/2006
LCS-R59362	Acidity	mg/L	305.1	50.00	50	0	100	80-120				7/3/2006
LCS-29445	Ammonia (as N)	mg/L	350.1	0.9840	1	0	98.4	90-110				7/7/2006
LCS-29445	Ammonia (as N)	mg/L	350.1	0.9840	1	0	98.4	90-110				7/7/2006
LCS-59344	Nitrite (as N)	mg/L	353.2	0.9390	1	0	93.9	90-110				6/30/2006
LCS-59345	Nitrate (as N)	mg/L	353.2	0.9320	1	0	93.2	90-110				6/30/2006
LCS-R59352	Oil & Grease	mg/L	EPA 1664	35.60	40	0	89.0	79-114				6/30/2006
LCS-59340	Phosphate, ortho (as P)	mg/L	365.1	0.9230	1	0	92.3	90-110				6/30/2006
LCS-R59427	TDS	mg/L	160.1	198.0	205	0	96.6	80-120				6/30/2006
LCS-R59428	TDS	mg/L	160.1	190.0	205	0	92.7	80-120				6/30/2006
LCS-R59367	TSS	mg/L	160.2	99.00	100	0	99.0	80-120				6/30/2006

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R59363	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				7/3/2006
MB-R59363	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				7/3/2006
MB-R59363	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				7/3/2006
MB-R59442	Chloride	mg/L	300.0	< 1.0				-				7/5/2006
MB-R59442	Sulfate	mg/L	300.0	< 1.0				-				7/5/2006
MB-R59362	Acidity	mg/L	305.1	< 15				-				7/3/2006
MB-29445	Ammonia (as N)	mg/L	350.1	< 0.050				-				7/7/2006
MB-29445	Ammonia (as N)	mg/L	350.1	< 0.050				-				7/7/2006
MB-59344	Nitrite (as N)	mg/L	353.2	< 0.010				-				6/30/2006
MB-59345	Nitrate (as N)	mg/L	353.2	< 0.010				-				6/30/2006
MB-R59352	Oil & Grease	mg/L	EPA 1664	< 3.0				-				6/30/2006
MB-59340	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				6/30/2006
MB-R59427	TDS	mg/L	160.1	< 10				-				6/30/2006
MB-R59428	TDS	mg/L	160.1	< 10				-				6/30/2006
MB-R59367	TSS	mg/L	160.2	< 3.0				-				6/30/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72660-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	320.0	100	222	98.0	80-120				7/3/2006
L72660-06BMS	Chloride	mg/L	300.0	68.96	50	17.1	104	90-110				7/5/2006
L72660-06BMS	Sulfate	mg/L	300.0	90.12	50	39.09	102	90-110				7/5/2006
L72673-02CMS	Chloride	mg/L	300.0	661.3	500	142.3	104	90-110				7/5/2006
L72673-02CMS	Sulfate	mg/L	300.0	80.87	50	26.34	109	90-110				7/5/2006
L72660-06BMS	Acidity	mg/L	305.1	44.00	50	0	88.0	80-120				7/3/2006
L72649-01FMS	Ammonia (as N)	mg/L	350.1	0.9760	1	0	97.6	90-110				7/7/2006
L72660-03CMS	Ammonia (as N)	mg/L	350.1	1.054	1	0.064	99.0	90-110				7/7/2006
L72686-05AMS	Ammonia (as N)	mg/L	350.1	1.317	1	0.335	98.2	90-110				7/7/2006
L72660-01BMS	Nitrite (as N)	mg/L	353.2	0.9670	1	0.005	96.2	90-110				6/30/2006
L72660-01BMS	Nitrate (as N)	mg/L	353.2	0.9750	1	0.075	90.0	90-110				6/30/2006
L72660-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.008	1	0.077	93.1	90-110				6/30/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L72660-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	320.0	100	222	98.0	80-120	0	10		7/3/2006
L72660-06BMSD	Chloride	mg/L	300.0	68.48	50	17.1	103	90-110	0.709	20		7/5/2006
L72660-06BMSD	Sulfate	mg/L	300.0	89.73	50	39.09	101	90-110	0.440	20		7/5/2006
L72673-02CMSD	Chloride	mg/L	300.0	667.5	500	142.3	105	90-110	0.919	20		7/5/2006
L72673-02CMSD	Sulfate	mg/L	300.0	79.17	50	26.34	106	90-110	2.13	20		7/5/2006
L72660-06BMSD	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120	4.44	20		7/3/2006
L72649-01FMSD	Ammonia (as N)	mg/L	350.1	0.9910	1	0	99.1	90-110	1.53	10		7/7/2006
L72660-03CMSD	Ammonia (as N)	mg/L	350.1	1.096	1	0.064	103	90-110	3.91	10		7/7/2006
L72686-05AMSD	Ammonia (as N)	mg/L	350.1	1.327	1	0.335	99.2	90-110	0.756	10		7/7/2006
L72660-01BMSD	Nitrite (as N)	mg/L	353.2	0.9590	1	0.005	95.4	90-110	0.831	10		6/30/2006
L72660-01BMSD	Nitrate (as N)	mg/L	353.2	1.036	1	0.075	96.1	90-110	6.07	10		6/30/2006
L72660-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9970	1	0.077	92.0	90-110	1.10	10		6/30/2006

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R59352	Oil & Grease	mg/L	EPA 1664	36.90	40	0	92.2	79-114				6/30/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L72660
Project: Scofield Baseline

Dept: WC

SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R59352	Oil & Grease	mg/L	EPA 1664	33.90	40	0	84.8	79-114	8.47	18		6/30/2006

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American West Analytical Labs

WORK ORDER Summary

30-Jun-06

Work Order L72660

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+; Metals need to be filtered and preserved Hop Rush

DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72660-01A	Miller Outlet	6/29/2006 12:00:00 PM	6/30/2006	7/14/2006	Aqueous	SS	ww - tss/tds/ss	1
				7/14/2006		TDS-W	ww - tss/tds/ss	1
				7/14/2006		TSS-W	ww - tss/tds/ss	1
L72660-01B				7/14/2006		2320B-ALK-W	June 30 - wc	1
				7/14/2006		300.0-W	June 30 - wc	1
				7/14/2006		ACIDITY-W	June 30 - wc	1
				7/14/2006		NO2-W	June 30 - wc	1
				7/14/2006		NO3-W	June 30 - wc	1
				7/14/2006		PO4-O	June 30 - wc	1
L72660-01C				7/14/2006		NH3-W	June 30 - nh3	1
				7/14/2006		NH3-W-PREP	June 30 - nh3	1
L72660-01D				7/14/2006		3005A-ICPMS	June 30 - met	1
				7/14/2006		ICP-W	June 30 - met	1
L72660-01E				7/14/2006	Aqueous-Dissolved	3005A-Diss	June 30 - dis met	1
				7/14/2006		6020-W-DISS	June 30 - dis met	1
				7/14/2006		HARD	June 30 - dis met	1
				7/14/2006		ICP-W-DIS	June 30 - dis met	1
L72660-01F				7/14/2006	Aqueous	OGB-W	ogb	1
L72660-03A	Sulfer Spring	6/29/2006 11:00:00 AM		7/14/2006		SS	ww - tss/tds/ss	1
				7/14/2006		TDS-W	ww - tss/tds/ss	1
				7/14/2006		TSS-W	ww - tss/tds/ss	1
L72660-03B				7/14/2006		2320B-ALK-W	June 30 - wc	1
				7/14/2006		300.0-W	June 30 - wc	1
				7/14/2006		ACIDITY-W	June 30 - wc	1
				7/14/2006		NO2-W	June 30 - wc	1
				7/14/2006		NO3-W	June 30 - wc	1
				7/14/2006		PO4-O	June 30 - wc	1

WORK ORDER Summary

30-Jun-06

Client ID: WHI100 **QC Level:** QC 2+ **Work Order** L72660

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+; Metals need to be filtered and preserved

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72660-03C	Sulfer Spring	6/29/2006 11:00:00 AM	6/30/2006	7/14/2006	Aqueous	NH3-W	June 30 - nh3	1
				7/14/2006		NH3-W-PREP	June 30 - nh3	1
L72660-03D				7/14/2006		3005A-ICPMS	June 30 - met	1
				7/14/2006		ICP-W	June 30 - met	1
L72660-03E				7/14/2006	Aqueous-Dissolved	3005A-Diss	June 30 - dis met	1
				7/14/2006		6020-W-DISS	June 30 - dis met	1
				7/14/2006		HARD	June 30 - dis met	1
				7/14/2006		ICP-W-DIS	June 30 - dis met	1
L72660-03F				7/14/2006	Aqueous	OGB-W	ogb	1
L72660-04A	Mud Creek	6/29/2006 10:30:00 AM		7/14/2006		SS	ww - tss/tds/ss	1
				7/14/2006		TDS-W	ww - tss/tds/ss	1
				7/14/2006		TSS-W	ww - tss/tds/ss	1
L72660-04B				7/14/2006		2320B-ALK-W	June 30 - wc	1
				7/14/2006		300.0-W	June 30 - wc	1
				7/14/2006		ACIDITY-W	June 30 - wc	1
				7/14/2006		NO2-W	June 30 - wc	1
				7/14/2006		NO3-W	June 30 - wc	1
				7/14/2006		PO4-O	June 30 - wc	1
L72660-04C				7/14/2006		NH3-W	June 30 - nh3	1
				7/14/2006		NH3-W-PREP	June 30 - nh3	1
L72660-04D				7/14/2006		3005A-ICPMS	June 30 - met	1
				7/14/2006		ICP-W	June 30 - met	1
L72660-04E				7/14/2006	Aqueous-Dissolved	3005A-Diss	June 30 - dis met	1
				7/14/2006		6020-W-DISS	June 30 - dis met	1
				7/14/2006		HARD	June 30 - dis met	1
				7/14/2006		ICP-W-DIS	June 30 - dis met	1
L72660-04F				7/14/2006	Aqueous	OGB-W	ogb	1
L72660-05A	Angle Spring	6/29/2006 10:00:00 AM		7/14/2006		SS	ww - tss/tds/ss	1

WORK ORDER Summary

30-Jun-06

Work Order L72660

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+; Metals need to be filtered and preserved

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72660-05A	Angle Spring	6/29/2006 10:00:00 AM	6/30/2006	7/14/2006	Aqueous	TDS-W	ww - tss/tds/ss	1
				7/14/2006		TSS-W	ww - tss/tds/ss	1
				7/14/2006		2320B-ALK-W	June 30 - wc	1
L72660-05B				7/14/2006		300.0-W	June 30 - wc	1
				7/14/2006		ACIDITY-W	June 30 - wc	1
				7/14/2006		NO2-W	June 30 - wc	1
				7/14/2006		NO3-W	June 30 - wc	1
				7/14/2006		PO4-O	June 30 - wc	1
				7/14/2006		NH3-W	June 30 - nh3	1
L72660-05C				7/14/2006		NH3-W-PREP	June 30 - nh3	1
				7/14/2006		3005A-ICPMS	June 30 - met	1
L72660-05D				7/14/2006		ICP-W	June 30 - met	1
				7/14/2006	Aqueous-Dissolved	3005A-Diss	June 30 - dis met	1
L72660-05E				7/14/2006		6020-W-DISS	June 30 - dis met	1
				7/14/2006		HARD	June 30 - dis met	1
				7/14/2006		ICP-W-DIS	June 30 - dis met	1
				7/14/2006	Aqueous	OGB-W	ogb	1
L72660-05F				7/14/2006		TDS-W	ww - /tds/	1
L72660-06A	CR-06-03-ABV	6/29/2006 9:00:00 AM		7/14/2006		2320B-ALK-W	June 30 - wc	1
L72660-06B				7/14/2006		300.0-W	June 30 - wc	1
				7/14/2006		ACIDITY-W	June 30 - wc	1
				7/14/2006		NO2-W	June 30 - wc	1
				7/14/2006		NO3-W	June 30 - wc	1
				7/14/2006		PO4-O	June 30 - wc	1
				7/14/2006		NH3-W	June 30 - nh3	1
L72660-06C				7/14/2006		NH3-W-PREP	June 30 - nh3	1
				7/14/2006		3005A-ICPMS	June 30 - met	1
L72660-06D				7/14/2006		ICP-W	June 30 - met	1

WORK ORDER Summary

30-Jun-06

Work Order L72660

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+; Metals need to be filtered and preserved

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L72660-06E	CR-06-03-ABV	6/29/2006 9:00:00 AM	6/30/2006	7/14/2006	Aqueous-Dissolved	3005A-Diss	June 30 - dis met	1
				7/14/2006		6020-W-DISS	June 30 - dis met	1
				7/14/2006		HARD	June 30 - dis met	1
				7/14/2006		ICP-W-DIS	June 30 - dis met	1
L72660-07A	Scofield Res. 1	6/29/2006 11:30:00 AM		7/14/2006	Aqueous	SS	ww - tss/tds/ss	1
				7/14/2006		TDS-W	ww - tss/tds/ss	1
				7/14/2006		TSS-W	ww - tss/tds/ss	1
L72660-07B				7/14/2006		2320B-ALK-W	June 30 - wc	1
				7/14/2006		300.0-W	June 30 - wc	1
				7/14/2006		ACIDITY-W	June 30 - wc	1
				7/14/2006		NO2-W	June 30 - wc	1
				7/14/2006		NO3-W	June 30 - wc	1
				7/14/2006		PO4-O	June 30 - wc	1
L72660-07C				7/14/2006		NH3-W	June 30 - nh3	1
				7/14/2006		NH3-W-PREP	June 30 - nh3	1
L72660-07D				7/14/2006		3005A-ICPMS	June 30 - met	1
				7/14/2006		ICP-W	June 30 - met	1
L72660-07E				7/14/2006	Aqueous-Dissolved	3005A-Diss	June 30 - dis met	1
				7/14/2006		6020-W-DISS	June 30 - dis met	1
				7/14/2006		HARD	June 30 - dis met	1
				7/14/2006		ICP-W-DIS	June 30 - dis met	1
L72660-07F				7/14/2006	Aqueous	OGB-W	ogb	1

Client Carbon Resources / Rock Logic Consulting
Address PO Box 544
Cedaredge CO 81413
City State Zip
Phone 435-851-9044 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield Baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

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CHAIN OF CUSTODY

Lab Sample Set # 72660
Page of

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

	Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table 4	Table 3	COMMENTS
1	Miller Outlet	6-29-06/12:00	W	6		✓	
2	Miller Spring	6-29-06/12:30	W	6		✓	Not used
3	Sulfer Spring	6-29-06/11:00	W	6		✓	
4	Mud Creek	6-29-06/10:30	W	6		✓	
5	Angle Spring	6-29-06/10:00	W	6		✓	
6	CR-06-03-ABV	6-29-06/9:00	W	5	✓		
7	Scofield Res. 1	6-29-06/11:30	W	5		✓	

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or Hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature 2°
4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:
5 Properly Preserved (Y) N
Notes:
6 Received Within Holding Times (Y) N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 20:15	PRINT NAME JEFFREY D. LINDSAY
Relinquished By: Signature	Date 30 JUN 06	Received By: Signature Denise Bruun
PRINT NAME JEFFREY D. LINDSAY	Time 8:09 AM	PRINT NAME Denise Bruun
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:
Please filter for dissolved metals
Client was called

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Temperature	°C

		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 72660

Preservation Check Sheet

Bottle Type	Preservative	All OK	Sample Set Extension and pH: Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:

1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

August 15, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L73160

Dear Brad Lindsay:

American West Analytical Labs received 6 samples on 8/1/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-01D
Field Sample ID: **CR-06-03 ABV**
Collected: 7/31/2006 4:30:00 PM
Received: 8/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/8/2006 3:53:09 PM	6010B	0.050	**0.64**
Manganese	mg/L	8/8/2006 3:53:09 PM	6010B	0.0050	**0.022**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L73160-02D
Field Sample ID: **Angle Spring**
Collected: 7/31/2006 6:30:00 PM
Received: 8/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/8/2006 3:57:02 PM	6010B	0.050	< 0.050
Manganese	mg/L	8/8/2006 3:57:02 PM	6010B	0.0050	< 0.0050

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-03D
Field Sample ID: **Mud Creek**
Collected: 7/31/2006 6:00:00 PM
Received: 8/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/8/2006 4:00:55 PM	6010B	0.050	**0.24**
Manganese	mg/L	8/8/2006 4:00:55 PM	6010B	0.0050	**0.033**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-04D
Field Sample ID: **Sulfer Spring**
Collected: 7/31/2006 7:30:00 PM
Received: 8/1/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/8/2006 4:04:49 PM	6010B	0.050	< 0.050
Manganese	mg/L	8/8/2006 4:04:49 PM	6010B	0.0050	**0.029**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-05D
Field Sample ID: **Scofield Res. 1**
Collected: 7/31/2006 8:00:00 PM
Received: 8/1/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/8/2006 4:08:45 PM	6010B	0.050	**0.096**
Manganese	mg/L	8/8/2006 4:08:45 PM	6010B	0.0050	**0.068**

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Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L73160-06D
Field Sample ID: **Miller Outlet**
Collected: 7/31/2006 8:50:00 PM
Received: 8/1/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Iron	mg/L	8/8/2006 4:16:33 PM	6010B	0.050	**2.4**	[1]
Manganese	mg/L	8/8/2006 4:16:33 PM	6010B	0.0050	**0.13**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-01E
Field Sample ID: **CR-06-03 ABV**
Collected: 7/31/2006 4:30:00 PM
Received: 8/1/2006

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	8/14/2006 6:31:14 PM	6010B	0.10	**0.12**
Arsenic	mg/L	8/4/2006 6:04:32 PM	6020	0.0050	**0.035**
Boron	mg/L	8/14/2006 6:31:14 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/4/2006 6:04:32 PM	6020	0.0040	< 0.0040
Calcium	mg/L	8/15/2006 9:32:00 AM	6010B	10	**120**
Copper	mg/L	8/4/2006 6:04:32 PM	6020	0.0040	< 0.0040
Iron	mg/L	8/14/2006 6:31:14 PM	6010B	0.050	< 0.050
Lead	mg/L	8/4/2006 6:04:32 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	8/14/2006 6:31:14 PM	6010B	1.0	**29**
Manganese	mg/L	8/4/2006 6:04:32 PM	6020	0.0050	**0.021**
Molybdenum	mg/L	8/14/2006 6:31:14 PM	6010B	0.10	< 0.10
Potassium	mg/L	8/14/2006 6:31:14 PM	6010B	1.0	**1.9**
Selenium	mg/L	8/4/2006 6:04:32 PM	6020	0.0050	< 0.0050
Sodium	mg/L	8/15/2006 10:10:31 AM	6010B	1.0	**9.0**
Zinc	mg/L	8/4/2006 6:04:32 PM	6020	0.010	**0.28**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-02E
Field Sample ID: **Angle Spring**
Collected: 7/31/2006 6:30:00 PM
Received: 8/1/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	8/14/2006 6:35:07 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/4/2006 6:09:55 PM	6020	0.0050	< 0.0050
Boron	mg/L	8/14/2006 6:35:07 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/4/2006 6:09:55 PM	6020	0.0040	< 0.0040
Calcium	mg/L	8/15/2006 9:35:53 AM	6010B	10	**96**
Copper	mg/L	8/4/2006 6:09:55 PM	6020	0.0040	< 0.0040
Iron	mg/L	8/14/2006 6:35:07 PM	6010B	0.050	< 0.050
Lead	mg/L	8/4/2006 6:09:55 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	8/14/2006 6:35:07 PM	6010B	1.0	**18**
Manganese	mg/L	8/4/2006 6:09:55 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	8/14/2006 6:35:07 PM	6010B	0.10	< 0.10
Potassium	mg/L	8/14/2006 6:35:07 PM	6010B	1.0	**1.1**
Selenium	mg/L	8/4/2006 6:09:55 PM	6020	0.0050	< 0.0050
Sodium	mg/L	8/15/2006 10:14:27 AM	6010B	1.0	**9.4**
Zinc	mg/L	8/4/2006 6:09:55 PM	6020	0.010	**0.021**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L73160-03E
Field Sample ID: **Mud Creek**
Collected: 7/31/2006 6:00:00 PM
Received: 8/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	8/14/2006 6:39:10 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/4/2006 6:15:19 PM	6020	0.0050	< 0.0050
Boron	mg/L	8/14/2006 6:39:10 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/4/2006 6:15:19 PM	6020	0.0040	< 0.0040
Calcium	mg/L	8/15/2006 9:39:48 AM	6010B	10	**70**
Copper	mg/L	8/4/2006 6:15:19 PM	6020	0.0040	< 0.0040
Iron	mg/L	8/14/2006 6:39:10 PM	6010B	0.050	< 0.050
Lead	mg/L	8/4/2006 6:15:19 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	8/14/2006 6:39:10 PM	6010B	1.0	**38**
Manganese	mg/L	8/4/2006 6:15:19 PM	6020	0.0050	**0.019**
Molybdenum	mg/L	8/14/2006 6:39:10 PM	6010B	0.10	< 0.10
Potassium	mg/L	8/14/2006 6:39:10 PM	6010B	1.0	**6.1**
Selenium	mg/L	8/4/2006 6:15:19 PM	6020	0.0050	< 0.0050
Sodium	mg/L	8/15/2006 10:18:20 AM	6010B	1.0	**27**
Zinc	mg/L	8/4/2006 6:15:19 PM	6020	0.010	**0.019**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-04E
Field Sample ID: **Sulfer Spring**
Collected: 7/31/2006 7:30:00 PM
Received: 8/1/2006

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Kyle F. Gross
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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	8/14/2006 6:47:09 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/4/2006 6:20:42 PM	6020	0.0050	< 0.0050
Boron	mg/L	8/14/2006 6:47:09 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/4/2006 6:20:42 PM	6020	0.0040	< 0.0040
Calcium	mg/L	8/15/2006 9:47:37 AM	6010B	10	**90** [2]
Copper	mg/L	8/4/2006 6:20:42 PM	6020	0.0040	< 0.0040
Iron	mg/L	8/14/2006 6:47:09 PM	6010B	0.050	< 0.050
Lead	mg/L	8/4/2006 6:20:42 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	8/14/2006 6:47:09 PM	6010B	1.0	**35**
Manganese	mg/L	8/4/2006 6:20:42 PM	6020	0.0050	**0.030**
Molybdenum	mg/L	8/14/2006 6:47:09 PM	6010B	0.10	< 0.10
Potassium	mg/L	8/14/2006 6:47:09 PM	6010B	1.0	**4.5**
Selenium	mg/L	8/4/2006 6:20:42 PM	6020	0.0050	< 0.0050
Sodium	mg/L	8/15/2006 10:26:08 AM	6010B	1.0	**8.4**
Zinc	mg/L	8/4/2006 6:20:42 PM	6020	0.010	**0.022**

[2] *Analyte concentration is too high for accurate spike recovery.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-05E
Field Sample ID: **Scofield Res. 1**
Collected: 7/31/2006 8:00:00 PM
Received: 8/1/2006

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	8/14/2006 7:15:21 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/4/2006 6:58:25 PM	6020	0.0050	< 0.0050
Boron	mg/L	8/14/2006 7:15:21 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/4/2006 6:58:25 PM	6020	0.0040	< 0.0040
Calcium	mg/L	8/14/2006 7:15:21 PM	6010B	1.0	**28**
Copper	mg/L	8/4/2006 6:58:25 PM	6020	0.0040	< 0.0040
Iron	mg/L	8/14/2006 7:15:21 PM	6010B	0.050	< 0.050
Lead	mg/L	8/4/2006 6:58:25 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	8/14/2006 7:15:21 PM	6010B	1.0	**20**
Manganese	mg/L	8/4/2006 6:58:25 PM	6020	0.0050	**0.014**
Molybdenum	mg/L	8/14/2006 7:15:21 PM	6010B	0.10	< 0.10
Potassium	mg/L	8/14/2006 7:15:21 PM	6010B	1.0	**2.8**
Selenium	mg/L	8/4/2006 6:58:25 PM	6020	0.0050	**0.0056**
Sodium	mg/L	8/15/2006 10:41:48 AM	6010B	1.0	**11**
Zinc	mg/L	8/4/2006 6:58:25 PM	6020	0.010	**0.018**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-06E
Field Sample ID: **Miller Outlet**
Collected: 7/31/2006 8:50:00 PM
Received: 8/1/2006

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	8/14/2006 7:19:19 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/4/2006 7:03:49 PM	6020	0.0050	< 0.0050
Boron	mg/L	8/14/2006 7:19:19 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/4/2006 7:03:49 PM	6020	0.0040	< 0.0040
Calcium	mg/L	8/14/2006 7:19:19 PM	6010B	1.0	**67**
Copper	mg/L	8/4/2006 7:03:49 PM	6020	0.0040	< 0.0040
Iron	mg/L	8/14/2006 7:19:19 PM	6010B	0.050	< 0.050
Lead	mg/L	8/4/2006 7:03:49 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	8/14/2006 7:19:19 PM	6010B	1.0	**15**
Manganese	mg/L	8/4/2006 7:03:49 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	8/14/2006 7:19:19 PM	6010B	0.10	< 0.10
Potassium	mg/L	8/14/2006 7:19:19 PM	6010B	1.0	**2.4**
Selenium	mg/L	8/4/2006 7:03:49 PM	6020	0.0050	< 0.0050
Sodium	mg/L	8/15/2006 10:45:43 AM	6010B	1.0	**5.8**
Zinc	mg/L	8/4/2006 7:03:49 PM	6020	0.010	**0.020**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-01
Field Sample ID: **CR-06-03 ABV**
Collected: 7/31/2006 4:30:00 PM
Received: 8/1/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2006 8:10:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**380**
Ammonia (as N)	mg/L	8/4/2006 12:43:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**380**
Carbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	< 20
Chloride	mg/L	8/8/2006 11:46:14 AM	300.0	10	**63**
Hardness (as CaCO3)	mg/L	8/15/2006	2340B	10	**430**
Nitrate (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	**0.069**
Nitrite (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	< 0.010
Phosphate, ortho (as P)	mg/L	8/2/2006 8:14:00 AM	365.1	0.050	< 0.050 [1]
Sulfate	mg/L	8/8/2006 11:46:14 AM	300.0	10	**42**
TDS	mg/L	8/3/2006 1:30:00 PM	160.1	20	**370**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-02
Field Sample ID: **Angle Spring**
Collected: 7/31/2006 6:30:00 PM
Received: 8/1/2006

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Kyle F. Gross
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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2006 8:10:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**290**
Ammonia (as N)	mg/L	8/4/2006 12:43:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	< 20
Carbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	< 20
Chloride	mg/L	8/8/2006 12:19:28 PM	300.0	10	**67**
Hardness (as CaCO3)	mg/L	8/15/2006	2340B	10	**310**
Nitrate (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	**1.0**
Nitrite (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/8/2006	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	8/2/2006 8:14:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/2/2006 12:15:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	8/8/2006 12:19:28 PM	300.0	10	**18**
TDS	mg/L	8/3/2006 1:30:00 PM	160.1	20	**290**
TSS	mg/L	8/2/2006 4:15:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-03
Field Sample ID: **Mud Creek**
Collected: 7/31/2006 6:00:00 PM
Received: 8/1/2006

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Peggy McNicol
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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2006 8:10:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**230**
Ammonia (as N)	mg/L	8/4/2006 12:43:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**< 20**
Chloride	mg/L	8/8/2006 12:52:43 PM	300.0	10	**63**
Hardness (as CaCO3)	mg/L	8/15/2006	2340B	10	**330**
Nitrate (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	**0.14**
Nitrite (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/8/2006	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	8/2/2006 8:14:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/2/2006 12:15:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	8/8/2006 12:52:43 PM	300.0	100	**160**
TDS	mg/L	8/3/2006 1:30:00 PM	160.1	20	**380**
TSS	mg/L	8/2/2006 4:15:00 PM	160.2	3.0	**11**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-04
Field Sample ID: **Sulfer Spring**
Collected: 7/31/2006 7:30:00 PM
Received: 8/1/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2006 8:10:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	8/4/2006 12:43:00 PM	350.1	0.050	**0.089**
Bicarbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**< 20**
Chloride	mg/L	8/4/2006 6:27:36 AM	300.0	1.0	**6.3**
Hardness (as CaCO3)	mg/L	8/15/2006	2340B	10	**370**
Nitrate (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/8/2006	EPA 1664	3.0	**3.2**
Phosphate, ortho (as P)	mg/L	8/2/2006 8:14:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/2/2006 12:15:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	8/4/2006 6:27:36 AM	300.0	10	**47**
TDS	mg/L	8/3/2006 1:30:00 PM	160.1	20	**330**
TSS	mg/L	8/2/2006 4:15:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-05
Field Sample ID: **Scofield Res. 1**
Collected: 7/31/2006 8:00:00 PM
Received: 8/1/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2006 8:10:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**170**
Ammonia (as N)	mg/L	8/4/2006 12:43:00 PM	350.1	0.050	**0.055**
Bicarbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**26**
Carbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**140**
Chloride	mg/L	8/5/2006 12:33:41 PM	300.0	1.0	**9.9**
Hardness (as CaCO3)	mg/L	8/14/2006	2340B	10	**150**
Nitrate (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	**0.081**
Nitrite (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/8/2006	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	8/2/2006 8:14:00 AM	365.1	0.050	**0.12**
Settable Solids	ml/L	8/2/2006 12:15:00 PM	160.5	0.10	**0.50**
Sulfate	mg/L	8/5/2006 12:33:41 PM	300.0	10	**24**
TDS	mg/L	8/3/2006 1:30:00 PM	160.1	20	**170**
TSS	mg/L	8/2/2006 4:15:00 PM	160.2	3.0	**26**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73160-06
Field Sample ID: **Miller Outlet**
Collected: 7/31/2006 8:50:00 PM
Received: 8/1/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2006 8:10:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**210**
Ammonia (as N)	mg/L	8/4/2006 12:43:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	**210**
Carbonate (As CaCO3)	mg/L	8/2/2006 7:30:00 AM	2320B	20	< 20
Hardness (as CaCO3)	mg/L	8/14/2006	2340B	10	**230**
Nitrate (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	**0.14**
Nitrite (as N)	mg/L	8/2/2006 11:01:00 AM	353.2	0.010	**0.015**
Oil & Grease	mg/L	8/8/2006	EPA 1664	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	8/2/2006 8:14:00 AM	365.1	0.050	**0.078**
Settable Solids	ml/L	8/2/2006 12:15:00 PM	160.5	0.10	**0.20**
TDS	mg/L	8/3/2006 1:30:00 PM	160.1	20	**620**
TSS	mg/L	8/2/2006 4:15:00 PM	160.2	3.0	**100**

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-29902	Arsenic	mg/L	6020	0.2129	0.2	0	106	85-115				8/4/2006
LCS-29902	Cadmium	mg/L	6020	0.2136	0.2	0	107	85-115				8/4/2006
LCS-29902	Copper	mg/L	6020	0.2092	0.2	0	105	85-115				8/4/2006
LCS-29902	Lead	mg/L	6020	0.2157	0.2	0	108	85-115				8/4/2006
LCS-29902	Manganese	mg/L	6020	0.2106	0.2	0.001927	104	85-115				8/4/2006
LCS-29902	Selenium	mg/L	6020	0.2206	0.2	0.001802	109	85-115				8/4/2006
LCS-29902	Zinc	mg/L	6020	1.074	1	0	107	85-115				8/4/2006
LCS-29903	Iron	mg/L	6010B	1.080	1	0	108	75-125				8/8/2006
LCS-29903	Manganese	mg/L	6010B	0.2125	0.2	0	106	75-125				8/8/2006
LCS-29902	Aluminum	mg/L	6010B	1.011	1	0	101	75-125				8/14/2006
LCS-29902	Boron	mg/L	6010B	1.044	1	0	104	75-125				8/14/2006
LCS-29902	Calcium	mg/L	6010B	10.69	10	0	107	75-125				8/14/2006
LCS-29902	Iron	mg/L	6010B	1.065	1	0	107	75-125				8/14/2006
LCS-29902	Magnesium	mg/L	6010B	10.52	10	0	105	75-125				8/14/2006
LCS-29902	Molybdenum	mg/L	6010B	0.2065	0.2	0	103	75-125				8/14/2006
LCS-29902	Potassium	mg/L	6010B	9.907	10	0	99.1	75-125				8/14/2006
LCS-29902	Sodium	mg/L	6010B	10.19	10	0	102	75-125				8/15/2006

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-29902	Arsenic	mg/L	6020	< 0.0050				-				8/4/2006
MB-29902	Cadmium	mg/L	6020	< 0.0040				-				8/4/2006
MB-29902	Copper	mg/L	6020	< 0.0040				-				8/4/2006
MB-29902	Lead	mg/L	6020	< 0.0050				-				8/4/2006
MB-29902	Manganese	mg/L	6020	< 0.0050				-				8/4/2006
MB-29902	Selenium	mg/L	6020	< 0.0050				-				8/7/2006
MB-29902	Zinc	mg/L	6020	< 0.010				-				8/8/2006
MB-29903	Iron	mg/L	6010B	< 0.050				-				8/8/2006
MB-29903	Manganese	mg/L	6010B	< 0.0050				-				8/14/2006
MB-29902	Aluminum	mg/L	6010B	< 0.10				-				8/14/2006
MB-29902	Boron	mg/L	6010B	< 0.50				-				8/14/2006
MB-29902	Calcium	mg/L	6010B	< 1.0				-				8/14/2006
MB-29902	Iron	mg/L	6010B	< 0.050				-				8/14/2006
MB-29902	Magnesium	mg/L	6010B	< 1.0				-				8/14/2006
MB-29902	Molybdenum	mg/L	6010B	< 0.10				-				8/14/2006
MB-29902	Potassium	mg/L	6010B	< 1.0				-				8/15/2006
MB-29902	Sodium	mg/L	6010B	< 1.0				-				8/15/2006

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73160-04EMS	Arsenic	mg/L	6020	0.2264	0.2	0.001839	112	70-130				8/4/2006
L73160-04EMS	Cadmium	mg/L	6020	0.2152	0.2	0	108	70-130				8/4/2006
L73160-04EMS	Copper	mg/L	6020	0.2021	0.2	0.001012	101	70-130				8/4/2006
L73160-04EMS	Lead	mg/L	6020	0.2138	0.2	0	107	70-130				8/4/2006
L73160-04EMS	Manganese	mg/L	6020	0.2356	0.2	0.02986	103	70-130				8/4/2006
L73160-04EMS	Selenium	mg/L	6020	0.2311	0.2	0	116	70-130				8/4/2006
L73160-04EMS	Zinc	mg/L	6020	1.067	1	0.02222	104	70-130				8/4/2006
L73160-06DMS	Iron	mg/L	6010B	3.629	1	2.362	127	75-125			[1]	8/8/2006
L73160-06DMS	Manganese	mg/L	6010B	0.3391	0.2	0.1298	105	75-125				8/8/2006
L73160-04EMS	Aluminum	mg/L	6010B	1.011	1	0.04262	96.9	75-125				8/14/2006
L73160-04EMS	Boron	mg/L	6010B	1.091	1	0.01136	108	75-125				8/14/2006
L73160-04EMS	Iron	mg/L	6010B	1.070	1	0.01166	106	75-125				8/14/2006
L73160-04EMS	Magnesium	mg/L	6010B	43.34	10	34.53	88.1	75-125				8/14/2006
L73160-04EMS	Molybdenum	mg/L	6010B	0.2041	0.2	0	102	75-125				8/14/2006
L73160-04EMS	Potassium	mg/L	6010B	15.37	10	4.482	109	75-125				8/14/2006
L73160-04EMS	Calcium	mg/L	6010B	96.23	10	89.88	63.5	75-125			[2]	8/15/2006
L73160-04EMS	Sodium	mg/L	6010B	18.65	10	8.392	103	75-125				8/15/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
[2] Analyte concentration is too high for accurate spike recovery.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73160-04EMSD	Arsenic	mg/L	6020	0.2288	0.2	0.001839	113	70-130	1.07	20		8/4/2006
L73160-04EMSD	Cadmium	mg/L	6020	0.2167	0.2	0	108	70-130	0.691	20		8/4/2006
L73160-04EMSD	Copper	mg/L	6020	0.1959	0.2	0.001012	97.4	70-130	3.10	20		8/4/2006
L73160-04EMSD	Lead	mg/L	6020	0.2143	0.2	0	107	70-130	0.229	20		8/4/2006
L73160-04EMSD	Manganese	mg/L	6020	0.2348	0.2	0.02986	102	70-130	0.329	20		8/4/2006
L73160-04EMSD	Selenium	mg/L	6020	0.2332	0.2	0	117	70-130	0.928	20		8/4/2006
L73160-04EMSD	Zinc	mg/L	6020	1.061	1	0.02222	104	70-130	0.549	20		8/4/2006
L73160-06DMSD	Iron	mg/L	6010B	3.664	1	2.362	130	75-125	0.984	20	'	8/8/2006
L73160-06DMSD	Manganese	mg/L	6010B	0.3398	0.2	0.1298	105	75-125	0.182	20		8/8/2006
L73160-04EMSD	Aluminum	mg/L	6010B	1.053	1	0.04262	101	75-125	4.04	20		8/14/2006
L73160-04EMSD	Boron	mg/L	6010B	1.111	1	0.01136	110	75-125	1.83	20		8/14/2006
L73160-04EMSD	Iron	mg/L	6010B	1.075	1	0.01166	106	75-125	0.471	20		8/14/2006
L73160-04EMSD	Magnesium	mg/L	6010B	44.79	10	34.53	103	75-125	3.30	20		8/14/2006
L73160-04EMSD	Molybdenum	mg/L	6010B	0.2083	0.2	0	104	75-125	2.05	20		8/14/2006
L73160-04EMSD	Potassium	mg/L	6010B	15.83	10	4.482	113	75-125	2.92	20		8/14/2006
L73160-04EMSD	Calcium	mg/L	6010B	99.43	10	89.88	95.4	75-125	3.27	20		8/15/2006
L73160-04EMSD	Sodium	mg/L	6010B	19.05	10	8.392	107	75-125	2.10	20		8/15/2006

' Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73160-06ADUP	TDS	mg/L	160.1	604.0	0	624		-	3.26	20		8/3/2006
L73160-06ADUP	TSS	mg/L	160.2	106.0	0	104		-	1.90	20		8/2/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R60230	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				8/2/2006
LCS-R60477	Chloride	mg/L	300.0	4.825	5	0	96.5	90-110				8/8/2006
LCS-R60477	Sulfate	mg/L	300.0	5.338	5	0	107	90-110				8/8/2006
LCS-R60231	Acidity	mg/L	305.1	55.00	50	0	110	80-120				8/2/2006
LCS-29858	Ammonia (as N)	mg/L	350.1	0.9210	1	0	92.1	90-110				8/4/2006
LCS-60243	Nitrite (as N)	mg/L	353.2	1.047	1	0	105	90-110				8/2/2006
LCS-60244	Nitrate (as N)	mg/L	353.2	0.9350	1	0	93.5	90-110				8/2/2006
LCS-R60451	Oil & Grease	mg/L	EPA 1664	39.50	40	0	98.8	79-114				8/8/2006
LCS-60228	Phosphate, ortho (as P)	mg/L	365.1	0.9120	1	0	91.2	90-110				8/2/2006
LCS-R60404	TDS	mg/L	160.1	202.0	205	0	98.5	80-120				8/3/2006
LCS-R60282	TSS	mg/L	160.2	104.0	100	0	104	80-120				8/2/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R60230	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				8/2/2006
MB-R60230	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				8/2/2006
MB-R60230	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				8/2/2006
MB-R60477	Chloride	mg/L	300.0	< 1.0				-				8/8/2006
MB-R60477	Sulfate	mg/L	300.0	< 1.0				-				8/8/2006
MB-R60231	Acidity	mg/L	305.1	< 15				-				8/2/2006
MB-29858	Ammonia (as N)	mg/L	350.1	< 0.050				-				8/4/2006
MB-60243	Nitrite (as N)	mg/L	353.2	< 0.010				-				8/2/2006
MB-60244	Nitrate (as N)	mg/L	353.2	< 0.010				-				8/2/2006
MB-R60451	Oil & Grease	mg/L	EPA 1664	< 3.0				-				8/8/2006
MB-60228	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				8/2/2006
MB-R60404	TDS	mg/L	160.1	< 10				-				8/3/2006
MB-R60282	TSS	mg/L	160.2	< 3.0				-				8/2/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73160-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	478.0	100	375	103	80-120				8/2/2006
L73160-03BMS	Chloride	mg/L	300.0	1069	1000	63.26	101	90-110				8/8/2006
L73160-03BMS	Sulfate	mg/L	300.0	1137	1000	163.7	97.3	90-110				8/8/2006
L73160-01BMS	Acidity	mg/L	305.1	42.00	50	0	84.0	80-120				8/2/2006
L73160-01CMS	Ammonia (as N)	mg/L	350.1	0.9380	1	0.017	92.1	90-110				8/4/2006
L73160-01BMS	Nitrite (as N)	mg/L	353.2	1.032	1	0	103	90-110				8/2/2006
L73160-01BMS	Nitrate (as N)	mg/L	353.2	1.050	1	0.069	98.1	90-110				8/2/2006
L73160-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.5830	1	0	58.3	90-110			1	8/2/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicab[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted] report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any membe[redacted], or reproduction of this report in connecti[redacted]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose oth[redacted]r the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspectio[redacted]alysis in good faith and according to the rules of the trade and of science.

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73160-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	475.0	100	375	100	80-120	0.630	10		8/2/2006
L73160-03BMSD	Chloride	mg/L	300.0	1051	1000	63.26	98.8	90-110	1.70	20		8/8/2006
L73160-03BMSD	Sulfate	mg/L	300.0	1195	1000	163.7	103	90-110	4.97	20		8/8/2006
L73160-01BMSD	Acidity	mg/L	305.1	38.00	50	0	80.0	80-120	4.88	20		8/2/2006
L73160-01CMSD	Ammonia (as N)	mg/L	350.1	0.9660	1	0.017	94.9	90-110	2.94	10		8/4/2006
L73160-01BMSD	Nitrite (as N)	mg/L	353.2	0.9920	1	0	99.2	90-110	3.95	10		8/2/2006
L73160-01BMSD	Nitrate (as N)	mg/L	353.2	1.035	1	0.069	96.6	90-110	1.44	10		8/2/2006
L73160-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.5380	1	0	53.8	90-110	8.03	10	1	8/2/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R60451	Oil & Grease	mg/L	EPA 1664	39.20	40	0	98.0	79-114				8/8/2006

All analyses applica[redacted]CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attache[redacted]s report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any memb[redacted]ff, or reproduction of this report in connec[redacted]the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose o[redacted]or the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspecti[redacted]analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73160
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R60451	Oil & Grease	mg/L	EPA 1664	40.00	40	0	100	79-114	2.02	18		8/8/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Labs

WORK ORDER Summary

02-Aug-06

Work Order L73160

Client ID: WHI100
Project: Scofield Baseline
Comments: QCLevel: QC 2+ Include EDD in Excel Format.

QC Level: QC 2+
Location: Hoh el

DB

LT/eh

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73160-01A	CR-06-03 ABV	7/31/2006 4:30:00 PM	8/1/2006	8/15/2006	Aqueous	TDS-W	ww - tds	1
L73160-01B				8/15/2006		2320B-ALK-W	aug 1 wc	1
				8/15/2006		300.0-W	aug 1 wc	1
				8/15/2006		ACIDITY-W	aug 1 wc	1
				8/15/2006		NO2-W	aug 1 wc	1
				8/15/2006		NO3-W	aug 1 wc	1
				8/15/2006		PO4-O	aug 1 wc	1
L73160-01C				8/15/2006		NH3-W	aug 1 - nh3	1
				8/15/2006		NH3-W-PREP	aug 1 - nh3	1
L73160-01D				8/15/2006		3005A-ICPMS	Aug 1 - met	1
				8/15/2006		ICP-W	Aug 1 - met	1
L73160-01E				8/15/2006	Aqueous-Dissolved	3005A-Diss	Aug 1 - dis met	1
				8/15/2006		6020-W-DISS	Aug 1 - dis met	1
				8/15/2006		HARD	Aug 1 - dis met	1
				8/15/2006		ICP-W-DIS	Aug 1 - dis met	1
L73160-02A	Angle Spring	7/31/2006 6:30:00 PM		8/15/2006	Aqueous	SS	ww - tds.tss.ss	1
				8/15/2006		TDS-W	ww - tds.tss.ss	1
				8/15/2006		TSS-W	ww - tds.tss.ss	1
L73160-02B				8/15/2006		2320B-ALK-W	aug 1 wc	1
				8/15/2006		300.0-W	aug 1 wc	1
				8/15/2006		ACIDITY-W	aug 1 wc	1
				8/15/2006		NO2-W	aug 1 wc	1
				8/15/2006		NO3-W	aug 1 wc	1
				8/15/2006		PO4-O	aug 1 wc	1
L73160-02C				8/15/2006		NH3-W	aug 1 - nh3	1
				8/15/2006		NH3-W-PREP	aug 1 - nh3	1
L73160-02D				8/15/2006		3005A-ICPMS	Aug 1 - met	1

WORK ORDER Summary

02-Aug-06

Work Order L73160

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73160-02D	Angle Spring	7/31/2006 6:30:00 PM	8/1/2006	8/15/2006	Aqueous	ICP-W	Aug 1 - met	1
L73160-02E				8/15/2006	Aqueous-Dissolved	3005A-Diss	Aug 1 - dis met	1
				8/15/2006		6020-W-DISS	Aug 1 - dis met	1
				8/15/2006		HARD	Aug 1 - dis met	1
				8/15/2006		ICP-W-DIS	Aug 1 - dis met	1
L73160-02F				8/15/2006	Aqueous	OGB-W	OGBFridge	1
L73160-03A	Mud Creek	7/31/2006 6:00:00 PM		8/15/2006		SS	ww - tds.tss.ss	1
				8/15/2006		TDS-W	ww - tds.tss.ss	1
				8/15/2006		TSS-W	ww - tds.tss.ss	1
L73160-03B				8/15/2006		2320B-ALK-W	aug1 wc	1
				8/15/2006		300.0-W	aug1 wc	1
				8/15/2006		ACIDITY-W	aug1 wc	1
				8/15/2006		NO2-W	aug1 wc	1
				8/15/2006		NO3-W	aug1 wc	1
				8/15/2006		PO4-O	aug1 wc	1
L73160-03C				8/15/2006		NH3-W	aug 1 - nh3	1
				8/15/2006		NH3-W-PREP	aug 1 - nh3	1
L73160-03D				8/15/2006		3005A-ICPMS	Aug 1 - met	1
				8/15/2006		ICP-W	Aug 1 - met	1
L73160-03E				8/15/2006	Aqueous-Dissolved	3005A-Diss	Aug 1 - dis met	1
				8/15/2006		6020-W-DISS	Aug 1 - dis met	1
				8/15/2006		HARD	Aug 1 - dis met	1
				8/15/2006		ICP-W-DIS	Aug 1 - dis met	1
L73160-03F				8/15/2006	Aqueous	OGB-W	OGBFridge	1
L73160-04A	Sulfer Spring	7/31/2006 7:30:00 PM		8/15/2006		SS	ww - tds.tss.ss	1
				8/15/2006		TDS-W	ww - tds.tss.ss	1
				8/15/2006		TSS-W	ww - tds.tss.ss	1
L73160-04B				8/15/2006		2320B-ALK-W	aug 1 wc	1

WORK ORDER Summary

02-Aug-06

Work Order L73160

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73160-04B	Sulfer Spring	7/31/2006 7:30:00 PM	8/1/2006	8/15/2006	Aqueous	300.0-W	aug 1 wc	1
				8/15/2006		ACIDITY-W	aug 1 wc	1
				8/15/2006		NO2-W	aug 1 wc	1
				8/15/2006		NO3-W	aug 1 wc	1
				8/15/2006		PO4-O	aug 1 wc	1
L73160-04C				8/15/2006		NH3-W	aug 1 - nh3	1
				8/15/2006		NH3-W-PREP	aug 1 - nh3	1
L73160-04D				8/15/2006		3005A-ICPMS	Aug 1 - met	1
				8/15/2006		ICP-W	Aug 1 - met	1
L73160-04E				8/15/2006	Aqueous-Dissolved	3005A-Diss	Aug 1 - dis met	1
				8/15/2006		6020-W-DISS	Aug 1 - dis met	1
				8/15/2006		HARD	Aug 1 - dis met	1
				8/15/2006		ICP-W-DIS	Aug 1 - dis met	1
L73160-04F				8/15/2006	Aqueous	OGB-W	OGBFridge	1
L73160-05A	Scofield Res. 1	7/31/2006 8:00:00 PM		8/15/2006		SS	ww - tds.tss.ss	1
				8/15/2006		TDS-W	ww - tds.tss.ss	1
				8/15/2006		TSS-W	ww - tds.tss.ss	1
L73160-05B				8/15/2006		2320B-ALK-W	aug 1 wc	1
				8/15/2006		300.0-W	aug 1 wc	1
				8/15/2006		ACIDITY-W	aug 1 wc	1
				8/15/2006		NO2-W	aug 1 wc	1
				8/15/2006		NO3-W	aug 1 wc	1
				8/15/2006		PO4-O	aug 1 wc	1
L73160-05C				8/15/2006		NH3-W	aug 1 - nh3	1
				8/15/2006		NH3-W-PREP	aug 1 - nh3	1
L73160-05D				8/15/2006		3005A-ICPMS	Aug 1 - met	1
				8/15/2006		ICP-W	Aug 1 - met	1
L73160-05E				8/15/2006	Aqueous-Dissolved	3005A-Diss	Aug 1 - dis met	1

WORK ORDER Summary

02-Aug-06

Work Order L73160

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73160-05E	Scofield Res. 1	7/31/2006 8:00:00 PM	8/1/2006	8/15/2006	Aqueous-Dissolved	6020-W-DISS	Aug 1 - dis met	1
				8/15/2006		HARD	Aug 1 - dis met	1
				8/15/2006		ICP-W-DIS	Aug 1 - dis met	1
L73160-05F				8/15/2006	Aqueous	OGB-W	OGBFridge	1
L73160-06A	Miller Outlet	7/31/2006 8:50:00 PM		8/15/2006		SS	ww - tds.tss.ss	1
				8/15/2006		TDS-W	ww - tds.tss.ss	1
				8/15/2006		TSS-W	ww - tds.tss.ss	1
L73160-06B				8/15/2006		2320B-ALK-W	aug 1 wc	1
				8/15/2006		300.0-W	aug 1 wc	1
				8/15/2006		ACIDITY-W	aug 1 wc	1
				8/15/2006		NO2-W	aug 1 wc	1
				8/15/2006		NO3-W	aug 1 wc	1
				8/15/2006		PO4-O	aug 1 wc	1
L73160-06C				8/15/2006		NH3-W	aug 1 - nh3	1
				8/15/2006		NH3-W-PREP	aug 1 - nh3	1
L73160-06D				8/15/2006		3005A-ICPMS	Aug 1 - met	1
				8/15/2006		ICP-W	Aug 1 - met	1
L73160-06E				8/15/2006	Aqueous-Dissolved	3005A-Diss	Aug 1 - dis met	1
				8/15/2006		6020-W-DISS	Aug 1 - dis met	1
				8/15/2006		HARD	Aug 1 - dis met	1
				8/15/2006		ICP-W-DIS	Aug 1 - dis met	1
L73160-06F				8/15/2006	Aqueous	OGB-W	OGBFridge	1

Client Carbon Resources / Rock Logic Consulting

Address PO Box 544
Cedaredge CO 81413
City State Zip

Phone 435-857-9044 Fax

Contact Brad Lindsay

E-mail lindsay.brad@gmail.com

Project Name Scofield baseline

Project Number/P.O.#

Sampler Name Brad Lindsay

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CHAIN OF CUSTODY

Lab Sample Set # 73160

Page _____ of _____

Turn Around Time (Circle One)

1 day	2 day	3 day	4 day	5 day	Standard
QC 1		(2)	2+	3	3+ 4

Sample ID	Date/Time Collected (see Hached)	Matrix	Number of Containers (Total)	table 3	table 4	COMMENTS
CR-06-03 ABV	7-25-06/1800	W	5		✓	see letter for correct sampling date and times
Angle Spring	7-25-06/1950	W	6	✓		
Mud Creek	7-25-06/2000	W	6	✓		
Sulfer Spring	7-25-06/2050	W	6	✓		
Scofield Res. 1	7-25-06/2100	W	6	✓		
Miller Outlet	7-25-06/2150	W	6	✓		

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature 4.0°
4 Received Broken/Leaking (Improperly Sealed) Y N
Notes:
5 Properly Preserved Y N
Notes:
6 Received Within Holding Times Y N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y N
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME Kalie Lindsay	Time 1305	PRINT NAME Elena Hayward
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

Lynn Turner

From: Brad Lindsay [lindsay.brad@gmail.com]
Sent: Tuesday, August 01, 2006 5:06 PM
To: Lynn Turner
Subject: Re: AWAL Set # 73160 (Scofield Baseline)

Lynn-

I messed it up again. That was the day I wanted to sample. I collected the samples yesterday the 31st. I changed the date and time on the bottles, but must have forgotten to fix the chain. Can you get that information off of the bottles? I am sorry about the hassle.

thanks,

brad

–
Brad Lindsay
Rock Logic Consulting LLC
P.O. Box 544
Cedaredge CO 81413
(435)851-9044

1 - 7/31 1630
2 - 7/31 1830
3 - 7/31 1800
4 - 7/31 1930
5 - 7/31 2000
6 - 7/31 2050

per sample bottles eh

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphate (Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Client: Carbon Resources / Rock Logic Consulting
Address: po Box 344
Cedaredge CO 81413
City State Zip
Phone: 435-851-9044 Fax:
Contact: Brad Lindsay
E-mail: lindsay-brad@gmail.com
Project Name: Scofield baseline
Project Number/P.O.#:
Sampler Name: Brad Lindsay

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Email:awal@awal-labs.com

CHAIN OF CUSTODY

Lab Sample Set # 73160
Page ____ of ____

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table 3	Table 4									COMMENTS
CL-06-03-ABV	7-31-06 1630	W	9		✓									
Angle Spring	7-31-06 1830	W	6	✓										
Mud Creek	7-31-06 1900	W	10	✓										
Sulfer Spring	7-31-06 1030	W	10	✓										
Scofield Res	7-31-06 2000	W	10	✓										
Miller Outlet	7-31-06 2030	W	10	✓										

Please indicate tests needed below

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

PLEASE FILTER

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature ____
4 Received Broken/Leaking (Improperly Sealed) Y N
Notes:
5 Properly Preserved Y N
Notes:
6 Received Within Holding Times Y N
Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y N
Notes:

Sample Set: 73160

Preservation Check Sheet

			Sample Set Extension and pH														
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3																
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
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September 05, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L73504

Dear Brad Lindsay:

American West Analytical Labs received 6 samples on 8/22/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-01D
Field Sample ID: **CR-06-03 ABV**
Collected: 8/21/2006 2:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/1/2006 3:59:37 PM	6010B	0.050	**0.95**
Manganese	mg/L	9/1/2006 3:59:37 PM	6010B	0.0050	**0.018**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-02D
Field Sample ID: **Angle Spring**
Collected: 8/21/2006 4:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/1/2006 4:15:28 PM	6010B	0.050	< 0.050
Manganese	mg/L	9/1/2006 4:15:28 PM	6010B	0.0050	< 0.0050

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-03D
Field Sample ID: **Mud Creek**
Collected: 8/21/2006 4:30:00 PM
Received: 8/22/2006

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/1/2006 4:19:28 PM	6010B	0.050	**0.24**
Manganese	mg/L	9/1/2006 4:19:28 PM	6010B	0.0050	**0.028**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L73504-04D
Field Sample ID: **Sulfer Spring**
Collected: 8/21/2006 5:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/1/2006 4:23:27 PM	6010B	0.050	< 0.050
Manganese	mg/L	9/1/2006 4:23:27 PM	6010B	0.0050	**0.031**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-05D
Field Sample ID: **Scofield Res. 1**
Collected: 8/21/2006 5:30:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/1/2006 4:36:10 PM	6010B	0.050	**0.67**
Manganese	mg/L	9/1/2006 4:36:10 PM	6010B	0.0050	**0.17**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L73504-06D
Field Sample ID: **Miller Outlet**
Collected: 8/21/2006 6:00:00 PM
Received: 8/22/2006

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Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/1/2006 4:40:11 PM	6010B	0.050	**3.3**
Manganese	mg/L	9/1/2006 4:40:11 PM	6010B	0.0050	**0.15**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L73504-01E
Field Sample ID: **CR-06-03 ABV**
Collected: 8/21/2006 2:00:00 PM
Received: 8/22/2006

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2006 2:18:37 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/25/2006 10:37:00 AM	6020	0.0050	**0.037**
Boron	mg/L	9/5/2006 2:18:37 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/25/2006 10:37:00 AM	6020	0.0040	< 0.0040
Calcium	mg/L	9/5/2006 11:59:15 AM	6010B	10	**120**
Copper	mg/L	8/25/2006 10:37:00 AM	6020	0.0040	< 0.0040
Iron	mg/L	9/5/2006 2:18:37 PM	6010B	0.050	< 0.050
Lead	mg/L	8/25/2006 10:37:00 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/5/2006 11:59:15 AM	6010B	10	**30**
Manganese	mg/L	8/25/2006 10:37:00 AM	6020	0.0050	**0.021**
Molybdenum	mg/L	9/5/2006 2:18:37 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2006 2:18:37 PM	6010B	1.0	**2.0**
Selenium	mg/L	8/25/2006 10:37:00 AM	6020	0.0050	< 0.0050
Sodium	mg/L	9/5/2006 2:18:37 PM	6010B	1.0	**9.8**
Zinc	mg/L	8/25/2006 10:37:00 AM	6020	0.010	**0.23**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-02E
Field Sample ID: **Angle Spring**
Collected: 8/21/2006 4:00:00 PM
Received: 8/22/2006

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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2006 2:35:23 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/25/2006 11:03:57 AM	6020	0.0050	< 0.0050
Boron	mg/L	9/5/2006 2:35:23 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/25/2006 11:03:57 AM	6020	0.0040	< 0.0040
Calcium	mg/L	9/5/2006 12:15:32 PM	6010B	10	**100**
Copper	mg/L	8/25/2006 11:03:57 AM	6020	0.0040	< 0.0040
Iron	mg/L	9/5/2006 2:35:23 PM	6010B	0.050	< 0.050
Lead	mg/L	8/25/2006 11:03:57 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/5/2006 12:15:32 PM	6010B	10	**19**
Manganese	mg/L	8/25/2006 11:03:57 AM	6020	0.0050	< 0.0050
Molybdenum	mg/L	9/5/2006 2:35:23 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2006 2:35:23 PM	6010B	1.0	**1.5**
Selenium	mg/L	8/25/2006 11:03:57 AM	6020	0.0050	< 0.0050
Sodium	mg/L	9/5/2006 2:35:23 PM	6010B	1.0	**10**
Zinc	mg/L	8/25/2006 11:03:57 AM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-03E
Field Sample ID: **Mud Creek**
Collected: 8/21/2006 4:30:00 PM
Received: 8/22/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2006 2:39:32 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/25/2006 11:09:21 AM	6020	0.0050	< 0.0050
Boron	mg/L	9/5/2006 2:39:32 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/25/2006 11:09:21 AM	6020	0.0040	< 0.0040
Calcium	mg/L	9/5/2006 12:19:26 PM	6010B	10	**74**
Copper	mg/L	8/25/2006 11:09:21 AM	6020	0.0040	< 0.0040
Iron	mg/L	9/5/2006 2:39:32 PM	6010B	0.050	< 0.050
Lead	mg/L	8/25/2006 11:09:21 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/5/2006 12:19:26 PM	6010B	10	**42**
Manganese	mg/L	8/25/2006 11:09:21 AM	6020	0.0050	**0.016**
Molybdenum	mg/L	9/5/2006 2:39:32 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2006 2:39:32 PM	6010B	1.0	**7.6**
Selenium	mg/L	8/25/2006 11:09:21 AM	6020	0.0050	< 0.0050
Sodium	mg/L	9/5/2006 2:39:32 PM	6010B	1.0	**37**
Zinc	mg/L	8/25/2006 11:09:21 AM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-04E
Field Sample ID: **Sulfer Spring**
Collected: 8/21/2006 5:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2006 2:43:44 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/25/2006 11:14:45 AM	6020	0.0050	< 0.0050
Boron	mg/L	9/5/2006 2:43:44 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/25/2006 11:14:45 AM	6020	0.0040	< 0.0040
Calcium	mg/L	9/5/2006 12:23:22 PM	6010B	10	**88**
Copper	mg/L	8/25/2006 11:14:45 AM	6020	0.0040	< 0.0040
Iron	mg/L	9/5/2006 2:43:44 PM	6010B	0.050	< 0.050
Lead	mg/L	8/25/2006 11:14:45 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/5/2006 12:23:22 PM	6010B	10	**35**
Manganese	mg/L	8/25/2006 11:14:45 AM	6020	0.0050	**0.030**
Molybdenum	mg/L	9/5/2006 2:43:44 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2006 2:43:44 PM	6010B	1.0	**4.7**
Selenium	mg/L	8/25/2006 11:14:45 AM	6020	0.0050	< 0.0050
Sodium	mg/L	9/5/2006 2:43:44 PM	6010B	1.0	**8.7**
Zinc	mg/L	8/25/2006 11:14:45 AM	6020	0.010	< 0.010

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-05E
Field Sample ID: **Scofield Res. 1**
Collected: 8/21/2006 5:30:00 PM
Received: 8/22/2006

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2006 2:47:57 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/25/2006 11:30:53 AM	6020	0.0050	< 0.0050
Boron	mg/L	9/5/2006 2:47:57 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/25/2006 11:30:53 AM	6020	0.0040	< 0.0040
Calcium	mg/L	9/5/2006 12:27:17 PM	6010B	10	**29**
Copper	mg/L	8/25/2006 11:30:53 AM	6020	0.0040	< 0.0040
Iron	mg/L	9/5/2006 2:47:57 PM	6010B	0.050	**0.14**
Lead	mg/L	8/25/2006 11:30:53 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/5/2006 12:27:17 PM	6010B	10	**24**
Manganese	mg/L	8/25/2006 11:30:53 AM	6020	0.0050	**0.045**
Molybdenum	mg/L	9/5/2006 2:47:57 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2006 2:47:57 PM	6010B	1.0	**7.8**
Selenium	mg/L	8/25/2006 11:30:53 AM	6020	0.0050	< 0.0050
Sodium	mg/L	9/5/2006 2:47:57 PM	6010B	1.0	**22**
Zinc	mg/L	8/25/2006 11:30:53 AM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-06E
Field Sample ID: **Miller Outlet**
Collected: 8/21/2006 6:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2006 2:51:59 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/25/2006 11:36:18 AM	6020	0.0050	< 0.0050
Boron	mg/L	9/5/2006 2:51:59 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/25/2006 11:36:18 AM	6020	0.0040	< 0.0040
Calcium	mg/L	9/5/2006 12:31:12 PM	6010B	10	**63**
Copper	mg/L	8/25/2006 11:36:18 AM	6020	0.0040	< 0.0040
Iron	mg/L	9/5/2006 2:51:59 PM	6010B	0.050	< 0.050
Lead	mg/L	8/25/2006 11:36:18 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	9/5/2006 12:31:12 PM	6010B	10	**15**
Manganese	mg/L	8/25/2006 11:36:18 AM	6020	0.0050	< 0.0050
Molybdenum	mg/L	9/5/2006 2:51:59 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2006 2:51:59 PM	6010B	1.0	**2.3**
Selenium	mg/L	8/25/2006 11:36:18 AM	6020	0.0050	< 0.0050
Sodium	mg/L	9/5/2006 2:51:59 PM	6010B	1.0	**6.4**
Zinc	mg/L	8/25/2006 11:36:18 AM	6020	0.010	< 0.010

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-01
Field Sample ID: **CR-06-03-ABV**
Collected: 8/21/2006 2:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	8/23/2006 6:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**370**	
Ammonia (as N)	mg/L	8/24/2006 7:33:05 AM	350.1	0.050	< 0.050	[1]
Bicarbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**370**	
Carbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	< 20	
Chloride	mg/L	8/24/2006 12:06:47 PM	300.0	10	**20**	
Hardness (as CaCO3)	mg/L	9/5/2006	2340B	10	**420**	
Nitrate (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010	[1]
Nitrite (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010	
Phosphate, ortho (as P)	mg/L	8/23/2006 10:15:00 AM	365.1	0.050	< 0.050	
Sulfate	mg/L	8/24/2006 12:06:47 PM	300.0	10	**40**	
TDS	mg/L	8/25/2006 3:00:00 PM	160.1	20	**400**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-02
Field Sample ID: **Angle Spring**
Collected: 8/21/2006 4:00:00 PM
Received: 8/22/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/23/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**300**
Ammonia (as N)	mg/L	8/24/2006 7:33:05 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**300**
Carbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	10	< 10
Chloride	mg/L	8/24/2006 7:07:37 AM	300.0	10	**23**
Hardness (as CaCO3)	mg/L	9/5/2006	2340B	10	**330**
Nitrate (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	**0.94**
Nitrite (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/23/2006 12:45:00 PM	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	8/23/2006 10:15:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/23/2006 11:20:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	8/24/2006 7:07:37 AM	300.0	10	**18**
TDS	mg/L	8/25/2006 3:00:00 PM	160.1	20	**270**
TSS	mg/L	8/23/2006 3:30:00 PM	160.2	3.0	< 3.0

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-03
Field Sample ID: **Mud Creek**
Collected: 8/21/2006 4:30:00 PM
Received: 8/22/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/23/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**230**
Ammonia (as N)	mg/L	8/24/2006 7:33:05 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	10	**14**
Chloride	mg/L	8/24/2006 1:13:16 AM	300.0	10	**22**
Hardness (as CaCO3)	mg/L	9/5/2006	2340B	10	**360**
Nitrate (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	**0.16**
Nitrite (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/23/2006 12:45:00 PM	EPA 1664	3.0	**3.8**
Phosphate, ortho (as P)	mg/L	8/23/2006 10:15:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/23/2006 11:20:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	8/28/2006 11:24:00 AM	300.0	1.0	**130**
TDS	mg/L	8/25/2006 3:00:00 PM	160.1	20	**420**
TSS	mg/L	8/23/2006 3:30:00 PM	160.2	3.0	**9.0**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-04
Field Sample ID: **Sulfer Spring**
Collected: 8/21/2006 5:00:00 PM
Received: 8/22/2006

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/23/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	8/24/2006 7:33:05 AM	350.1	0.050	**0.17**
Bicarbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	10	< 10
Chloride	mg/L	8/24/2006 10:27:04 AM	300.0	1.0	**6.6**
Hardness (as CaCO3)	mg/L	9/5/2006	2340B	10	**360**
Nitrate (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/23/2006 12:45:00 PM	EPA 1664	3.0	**5.3**
Phosphate, ortho (as P)	mg/L	8/23/2006 10:15:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/23/2006 11:20:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	8/24/2006 10:27:04 AM	300.0	10	**47**
TDS	mg/L	8/25/2006 3:00:00 PM	160.1	20	**320**
TSS	mg/L	8/23/2006 3:30:00 PM	160.2	3.0	**3.0**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-05
Field Sample ID: **Scofield Res. 1**
Collected: 8/21/2006 5:30:00 PM
Received: 8/22/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/23/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**130**
Ammonia (as N)	mg/L	8/24/2006 7:33:05 AM	350.1	0.050	**0.080**
Bicarbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	10	**14**
Carbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**120**
Chloride	mg/L	8/24/2006 4:32:21 AM	300.0	10	**32**
Hardness (as CaCO3)	mg/L	9/5/2006	2340B	10	**170**
Nitrate (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	**0.070**
Nitrite (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/23/2006 12:45:00 PM	EPA 1664	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	8/23/2006 10:15:00 AM	365.1	0.050	**0.060**
Settable Solids	ml/L	8/23/2006 11:20:00 AM	160.5	0.10	**0.60**
Sulfate	mg/L	8/24/2006 4:32:21 AM	300.0	10	**24**
TDS	mg/L	8/25/2006 3:00:00 PM	160.1	20	**200**
TSS	mg/L	8/23/2006 3:30:00 PM	160.2	3.0	**40**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L73504-06
Field Sample ID: **Miller Outlet**
Collected: 8/21/2006 6:00:00 PM
Received: 8/22/2006

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/23/2006 6:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**210**
Ammonia (as N)	mg/L	8/24/2006 7:33:05 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	20	**200**
Carbonate (As CaCO3)	mg/L	8/23/2006 5:40:00 AM	2320B	10	**17**
Chloride	mg/L	8/24/2006 5:05:52 AM	300.0	1.0	**9.4**
Hardness (as CaCO3)	mg/L	9/5/2006	2340B	10	**220**
Nitrate (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	**0.034**
Nitrite (as N)	mg/L	8/23/2006 11:43:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/23/2006 12:45:00 PM	EPA 1664	3.0	**4.8**
Phosphate, ortho (as P)	mg/L	8/23/2006 10:15:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	8/23/2006 11:20:00 AM	160.5	0.10	**0.30**
Sulfate	mg/L	8/24/2006 5:05:52 AM	300.0	10	**20**
TDS	mg/L	8/25/2006 3:00:00 PM	160.1	20	**200**
TSS	mg/L	8/23/2006 3:30:00 PM	160.2	3.0	**150**

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-30230	Arsenic	mg/L	6020	0.2220	0.2	0	111	85-115				8/25/2006
LCS-30230	Cadmium	mg/L	6020	0.2170	0.2	0	108	85-115				8/25/2006
LCS-30230	Copper	mg/L	6020	0.2053	0.2	0	103	85-115				8/25/2006
LCS-30230	Lead	mg/L	6020	0.2259	0.2	0	113	85-115				8/25/2006
LCS-30230	Manganese	mg/L	6020	0.2028	0.2	0.002465	100	85-115				8/25/2006
LCS-30230	Selenium	mg/L	6020	0.2110	0.2	0	106	85-115				8/25/2006
LCS-30230	Zinc	mg/L	6020	1.088	1	0.006958	108	85-115				8/25/2006
LCS-30228	Iron	mg/L	6010B	1.136	1	0	114	75-125				9/1/2006
LCS-30228	Manganese	mg/L	6010B	0.2130	0.2	0	106	75-125				9/1/2006
LCS-30230	Aluminum	mg/L	6010B	1.091	1	0	109	75-125				9/5/2006
LCS-30230	Boron	mg/L	6010B	1.151	1	0	115	75-125				9/5/2006
LCS-30230	Calcium	mg/L	6010B	10.70	10	0	107	75-125				9/5/2006
LCS-30230	Iron	mg/L	6010B	1.113	1	0	111	75-125				9/5/2006
LCS-30230	Magnesium	mg/L	6010B	10.80	10	0	108	75-125				9/5/2006
LCS-30230	Molybdenum	mg/L	6010B	0.2170	0.2	0	109	75-125				9/5/2006
LCS-30230	Potassium	mg/L	6010B	10.46	10	0	105	75-125				9/5/2006
LCS-30230	Sodium	mg/L	6010B	10.80	10	0	108	75-125				9/5/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-30230	Arsenic	mg/L	6020	< 0.0050				-				8/25/2006
MB-30230	Cadmium	mg/L	6020	< 0.0040				-				8/25/2006
MB-30230	Copper	mg/L	6020	< 0.0040				-				8/25/2006
MB-30230	Lead	mg/L	6020	< 0.0050				-				8/25/2006
MB-30230	Manganese	mg/L	6020	< 0.0050				-				8/25/2006
MB-30230	Selenium	mg/L	6020	< 0.0050				-				8/25/2006
MB-30230	Zinc	mg/L	6020	< 0.010				-				8/25/2006
MB-30228	Iron	mg/L	6010B	< 0.050				-				9/1/2006
MB-30228	Manganese	mg/L	6010B	< 0.0050				-				9/1/2006
MB-30230	Aluminum	mg/L	6010B	< 0.10				-				9/5/2006
MB-30230	Boron	mg/L	6010B	< 0.50				-				9/5/2006
MB-30230	Calcium	mg/L	6010B	< 1.0				-				9/5/2006
MB-30230	Iron	mg/L	6010B	< 0.050				-				9/5/2006
MB-30230	Magnesium	mg/L	6010B	< 1.0				-				9/5/2006
MB-30230	Molybdenum	mg/L	6010B	< 0.10				-				9/5/2006
MB-30230	Potassium	mg/L	6010B	< 1.0				-				9/5/2006
MB-30230	Sodium	mg/L	6010B	< 1.0				-				9/5/2006

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73504-01EMS	Arsenic	mg/L	6020	0.2720	0.2	0.03697	118	70-130				8/25/2006
L73504-01EMS	Cadmium	mg/L	6020	0.2254	0.2	0	113	70-130				8/25/2006
L73504-01EMS	Copper	mg/L	6020	0.2139	0.2	0.001167	106	70-130				8/25/2006
L73504-01EMS	Lead	mg/L	6020	0.2362	0.2	0	118	70-130				8/25/2006
L73504-01EMS	Manganese	mg/L	6020	0.2299	0.2	0.02105	104	70-130				8/25/2006
L73504-01EMS	Selenium	mg/L	6020	0.2255	0.2	0.001698	112	70-130				8/25/2006
L73504-01EMS	Zinc	mg/L	6020	1.385	1	0.2349	115	70-130				8/25/2006
L73504-01DMS	Iron	mg/L	6010B	2.014	1	0.9536	106	75-125				9/1/2006
L73504-01DMS	Manganese	mg/L	6010B	0.2280	0.2	0.01837	105	75-125				9/1/2006
L73504-01EMS	Calcium	mg/L	6010B	129.8	10	118.2	116	75-125				9/5/2006
L73504-01EMS	Magnesium	mg/L	6010B	39.41	10	29.9	95.1	75-125				9/5/2006
L73504-01EMS	Aluminum	mg/L	6010B	1.029	1	0.03513	99.4	75-125				9/5/2006
L73504-01EMS	Boron	mg/L	6010B	1.159	1	0.0388	112	75-125				9/5/2006
L73504-01EMS	Iron	mg/L	6010B	1.157	1	0.0429	111	75-125				9/5/2006
L73504-01EMS	Molybdenum	mg/L	6010B	0.2127	0.2	0	106	75-125				9/5/2006
L73504-01EMS	Potassium	mg/L	6010B	13.75	10	1.97	118	75-125				9/5/2006
L73504-01EMS	Sodium	mg/L	6010B	20.44	10	9.778	107	75-125				9/5/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73504-01EMSD	Arsenic	mg/L	6020	0.2794	0.2	0.03697	121	70-130	2.68	20		8/25/2006
L73504-01EMSD	Cadmium	mg/L	6020	0.2301	0.2	0	115	70-130	2.06	20		8/25/2006
L73504-01EMSD	Copper	mg/L	6020	0.2122	0.2	0.001167	106	70-130	0.804	20		8/25/2006
L73504-01EMSD	Lead	mg/L	6020	0.2388	0.2	0	119	70-130	1.11	20		8/25/2006
L73504-01EMSD	Manganese	mg/L	6020	0.2300	0.2	0.02105	104	70-130	0.0265	20		8/25/2006
L73504-01EMSD	Selenium	mg/L	6020	0.2266	0.2	0.001698	112	70-130	0.500	20		8/25/2006
L73504-01EMSD	Zinc	mg/L	6020	1.383	1	0.2349	115	70-130	0.148	20		8/25/2006
L73504-01DMSD	Iron	mg/L	6010B	2.059	1	0.9536	111	75-125	2.25	20		9/1/2006
L73504-01DMSD	Manganese	mg/L	6010B	0.2306	0.2	0.01837	106	75-125	1.15	20		9/1/2006
L73504-01EMSD	Calcium	mg/L	6010B	127.6	10	118.2	93.2	75-125	1.74	20		9/5/2006
L73504-01EMSD	Magnesium	mg/L	6010B	38.63	10	29.9	87.3	75-125	2.00	20		9/5/2006
L73504-01EMSD	Aluminum	mg/L	6010B	1.061	1	0.03513	103	75-125	3.08	20		9/5/2006
L73504-01EMSD	Boron	mg/L	6010B	1.167	1	0.0388	113	75-125	0.714	20		9/5/2006
L73504-01EMSD	Iron	mg/L	6010B	1.169	1	0.0429	113	75-125	1.05	20		9/5/2006
L73504-01EMSD	Molybdenum	mg/L	6010B	0.2149	0.2	0	107	75-125	0.992	20		9/5/2006
L73504-01EMSD	Potassium	mg/L	6010B	13.90	10	1.97	119	75-125	1.13	20		9/5/2006
L73504-01EMSD	Sodium	mg/L	6010B	20.93	10	9.778	112	75-125	2.38	20		9/5/2006

All analyses ap[redacted] to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in [redacted] with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose o[redacted] for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according[redacted]s of the trade and of science.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73504-06ADUP	TDS	mg/L	160.1	188.0	0	196		-	4.17	20		8/25/2006
L73573-02BDUP	TDS	mg/L	160.1	37100	0	36600		-	1.36	20		8/25/2006
L73504-06ADUP	TSS	mg/L	160.2	172.0	0	150		-	13.7	20		8/23/2006

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R60917	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				8/23/2006
LCS-R61018	Chloride	mg/L	300.0	4.843	5	0	96.9	90-110				8/23/2006
LCS-R61018	Sulfate	mg/L	300.0	4.654	5	0	93.1	90-110				8/23/2006
LCS-R61048	Sulfate	mg/L	300.0	4.868	5	0	97.4	90-110				8/28/2006
LCS-R60918	Acidity	mg/L	305.1	50.00	50	0	100	80-120				8/23/2006
LCS-30223	Ammonia (as N)	mg/L	350.1	0.9180	1	0	91.8	90-110				8/24/2006
LCS-60939	Nitrite (as N)	mg/L	353.2	0.9880	1	0	98.8	90-110				8/23/2006
LCS-60941	Nitrate (as N)	mg/L	353.2	0.9790	1	0	97.9	90-110				8/23/2006
LCS-R60957	Oil & Grease	mg/L	EPA 1664	38.10	40	0	95.2	79-114				8/23/2006
LCS-60927	Phosphate, ortho (as P)	mg/L	365.1	0.9270	1	0	92.7	90-110				8/23/2006
LCS-R61087	TDS	mg/L	160.1	188.0	205	0	91.7	80-120				8/25/2006
LCS-R60977	TSS	mg/L	160.2	100.0	100	0	100	80-120				8/23/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R60917	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				8/23/2006
MB-R60917	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				8/23/2006
MB-R60917	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				8/23/2006
MB-R61018	Chloride	mg/L	300.0	< 1.0				-				8/23/2006
MB-R61018	Sulfate	mg/L	300.0	< 1.0				-				8/23/2006
MB-R61048	Sulfate	mg/L	300.0	< 1.0				-				8/28/2006
MB-R60918	Acidity	mg/L	305.1	< 15				-				8/23/2006
MB-30223	Ammonia (as N)	mg/L	350.1	< 0.050				-				8/24/2006
MB-60939	Nitrite (as N)	mg/L	353.2	< 0.010				-				8/23/2006
MB-60941	Nitrate (as N)	mg/L	353.2	< 0.010				-				8/23/2006
MB-R60957	Oil & Grease	mg/L	EPA 1664	< 3.0				-				8/23/2006
MB-60927	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				8/23/2006
MB-R61087	TDS	mg/L	160.1	< 10				-				8/25/2006
MB-R60977	TSS	mg/L	160.2	< 3.0				-				8/23/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73504-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	473.0	100	373	100	80-120				8/23/2006
L73465-02BMS	Chloride	mg/L	300.0	172.3	100	78.8	93.5	90-110				8/23/2006
L73465-02BMS	Sulfate	mg/L	300.0	152.6	100	58.54	94.0	90-110				8/23/2006
L73504-03BMS	Chloride	mg/L	300.0	69.14	50	21.91	94.5	90-110				8/24/2006
L73504-03BMS	Sulfate	mg/L	300.0	638.8	500	130.7	102	90-110				8/28/2006
L73504-01BMS	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120				8/23/2006
L73504-01CMS	Ammonia (as N)	mg/L	350.1	0.8590	1	0.038	82.1	90-110			1	8/24/2006
L73515-02CMS	Ammonia (as N)	mg/L	350.1	5.404	2	3.847	77.8	90-110			1	8/24/2006
L73504-01BMS	Nitrite (as N)	mg/L	353.2	0.9790	1	0	97.9	90-110				8/23/2006
L73504-01BMS	Nitrate (as N)	mg/L	353.2	0.8770	1	0	87.7	90-110			1	8/23/2006
L73504-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9700	1	0.022	94.8	90-110				8/23/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L73504-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	476.0	100	373	103	80-120	0.632	10		8/23/2006
L73465-02BMSD	Chloride	mg/L	300.0	173.6	100	78.8	94.8	90-110	0.734	20		8/23/2006
L73465-02BMSD	Sulfate	mg/L	300.0	154.5	100	58.54	96.0	90-110	1.26	20		8/23/2006
L73504-03BMSD	Chloride	mg/L	300.0	69.84	50	21.91	95.9	90-110	1.01	20		8/24/2006
L73504-03BMSD	Sulfate	mg/L	300.0	637.6	500	130.7	101	90-110	0.182	20		8/28/2006
L73504-01BMSD	Acidity	mg/L	305.1	46.00	50	0	92.0	80-120	4.26	20		8/23/2006
L73504-01CMSD	Ammonia (as N)	mg/L	350.1	0.8650	1	0.038	82.7	90-110	0.696	10	[1]	8/24/2006
L73515-02CMSD	Ammonia (as N)	mg/L	350.1	5.399	2	3.847	77.6	90-110	0.0926	10	[1]	8/24/2006
L73504-01BMSD	Nitrite (as N)	mg/L	353.2	0.9440	1	0	94.4	90-110	3.64	10		8/23/2006
L73504-01BMSD	Nitrate (as N)	mg/L	353.2	0.9030	1	0	90.3	90-110	2.92	10		8/23/2006
L73504-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9590	1	0.022	93.7	90-110	1.14	10		8/23/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R60957	Oil & Grease	mg/L	EPA 1664	40.00	40	0	100	79-114				8/23/2006

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L73504
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R60957	Oil & Grease	mg/L	EPA 1664	39.70	40	0	99.2	79-114	0.753	18		8/23/2006

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American West Analytical Labs

WORK ORDER Summary

22-Aug-06

Work Order L73504

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73504-01A	CR-06-03-ABV	8/21/2006 2:00:00 PM	8/22/2006	9/5/2006	Aqueous	TDS-W	ww - tds	1
L73504-01B	CR-06-03 ABV			9/5/2006		2320B-ALK-W	aug 22 wc	1
				9/5/2006		300.0-W	aug 22 wc	1
				9/5/2006		ACIDITY-W	aug 22 wc	1
				9/5/2006		NO2-W	aug 22 wc	1
				9/5/2006		NO3-W	aug 22 wc	1
				9/5/2006		PO4-O	aug 22 wc	1
				9/5/2006		NH3-W	aug 22 - nh3	1
L73504-01C				9/5/2006		NH3-W-PREP	aug 22 - nh3	1
				9/5/2006		3005A-ICPMS	Aug 22 - met	1
L73504-01D				9/5/2006		ICP-W	Aug 22 - met	1
				9/5/2006	Aqueous-Dissolved	3005A-Diss	Aug 22 - dis met	1
L73504-01E				9/5/2006		6020-W-DISS	Aug 22 - dis met	1
				9/5/2006		HARD	Aug 22 - dis met	1
				9/5/2006		ICP-W-DIS	Aug 22 - dis met	1
L73504-02A	Angle Spring	8/21/2006 4:00:00 PM		9/5/2006	Aqueous	SS	ww - tds.tss.ss	1
				9/5/2006		TDS-W	ww - tds.tss.ss	1
				9/5/2006		TSS-W	ww - tds.tss.ss	1
				9/5/2006		2320B-ALK-W	aug 22 wc	1
L73504-02B				9/5/2006		300.0-W	aug 22 wc	1
				9/5/2006		ACIDITY-W	aug 22 wc	1
				9/5/2006		NO2-W	aug 22 wc	1
				9/5/2006		NO3-W	aug 22 wc	1
				9/5/2006		PO4-O	aug 22 wc	1
				9/5/2006		NH3-W	aug 22 - nh3	1
L73504-02C				9/5/2006		NH3-W-PREP	aug 22 - nh3	1
				9/5/2006		3005A-ICPMS	Aug 22 - met	1
L73504-02D								

WORK ORDER Summary

22-Aug-06

Work Order L73504

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73504-02D	Angle Spring	8/21/2006 4:00:00 PM	8/22/2006	9/5/2006	Aqueous	ICP-W	Aug 22 - met	1
L73504-02E				9/5/2006	Aqueous-Dissolved	3005A-Diss	Aug 22 - dis met	1
				9/5/2006		6020-W-DISS	Aug 22 - dis met	1
				9/5/2006		HARD	Aug 22 - dis met	1
				9/5/2006		ICP-W-DIS	Aug 22 - dis met	1
L73504-02F				9/5/2006	Aqueous	OGB-W	OGBFridge	1
L73504-03A	Mud Creek	8/21/2006 4:30:00 PM		9/5/2006		SS	ww - tds.tss.ss	1
				9/5/2006		TDS-W	ww - tds.tss.ss	1
				9/5/2006		TSS-W	ww - tds.tss.ss	1
L73504-03B				9/5/2006		2320B-ALK-W	aug 22 wc	1
				9/5/2006		300.0-W	aug 22 wc	1
				9/5/2006		ACIDITY-W	aug 22 wc	1
				9/5/2006		NO2-W	aug 22 wc	1
				9/5/2006		NO3-W	aug 22 wc	1
				9/5/2006		PO4-O	aug 22 wc	1
L73504-03C				9/5/2006		NH3-W	aug 22 - nh3	1
				9/5/2006		NH3-W-PREP	aug 22 - nh3	1
L73504-03D				9/5/2006		3005A-ICPMS	Aug 22 - met	1
				9/5/2006		ICP-W	Aug 22 - met	1
L73504-03E				9/5/2006	Aqueous-Dissolved	3005A-Diss	Aug 22 - dis met	1
				9/5/2006		6020-W-DISS	Aug 22 - dis met	1
				9/5/2006		HARD	Aug 22 - dis met	1
				9/5/2006		ICP-W-DIS	Aug 22 - dis met	1
L73504-03F				9/5/2006	Aqueous	OGB-W	OGBFridge	1
L73504-04A	Sulfer Spring	8/21/2006 5:00:00 PM		9/5/2006		SS	ww - tds.tss.ss	1
				9/5/2006		TDS-W	ww - tds.tss.ss	1
				9/5/2006		TSS-W	ww - tds.tss.ss	1
L73504-04B				9/5/2006		2320B-ALK-W	aug 22 wc	1

WORK ORDER Summary

22-Aug-06

Work Order L73504

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73504-04B	Sulfer Spring	8/21/2006 5:00:00 PM	8/22/2006	9/5/2006	Aqueous	300.0-W	aug 22 wc	1
				9/5/2006		ACIDITY-W	aug 22 wc	1
				9/5/2006		NO2-W	aug 22 wc	1
				9/5/2006		NO3-W	aug 22 wc	1
				9/5/2006		PO4-O	aug 22 wc	1
L73504-04C				9/5/2006		NH3-W	aug 22 - nh3	1
				9/5/2006		NH3-W-PREP	aug 22 - nh3	1
L73504-04D				9/5/2006		3005A-ICPMS	Aug 22 - met	1
				9/5/2006		ICP-W	Aug 22 - met	1
L73504-04E				9/5/2006	Aqueous-Dissolved	3005A-Diss	Aug 22 - dis met	1
				9/5/2006		6020-W-DISS	Aug 22 - dis met	1
				9/5/2006		HARD	Aug 22 - dis met	1
				9/5/2006		ICP-W-DIS	Aug 22 - dis met	1
L73504-04F				9/5/2006	Aqueous	OGB-W	OGBFridge	1
L73504-05A	Scofield Res. 1	8/21/2006 5:30:00 PM		9/5/2006		SS	ww - tds.tss.ss	1
				9/5/2006		TDS-W	ww - tds.tss.ss	1
				9/5/2006		TSS-W	ww - tds.tss.ss	1
L73504-05B				9/5/2006		2320B-ALK-W	aug 22 wc	1
				9/5/2006		300.0-W	aug 22 wc	1
				9/5/2006		ACIDITY-W	aug 22 wc	1
				9/5/2006		NO2-W	aug 22 wc	1
				9/5/2006		NO3-W	aug 22 wc	1
				9/5/2006		PO4-O	aug 22 wc	1
L73504-05C				9/5/2006		NH3-W	aug 22 - nh3	1
				9/5/2006		NH3-W-PREP	aug 22 - nh3	1
L73504-05D				9/5/2006		3005A-ICPMS	Aug 22 - met	1
				9/5/2006		ICP-W	Aug 22 - met	1
L73504-05E				9/5/2006	Aqueous-Dissolved	3005A-Diss	Aug 22 - dis met	1

WORK ORDER Summary

22-Aug-06

Work Order L73504

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ Include EDD in Excel Format.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L73504-05E	Scofield Res. 1	8/21/2006 5:30:00 PM	8/22/2006	9/5/2006	Aqueous-Dissolved	6020-W-DISS	Aug 22 - dis met	1
				9/5/2006		HARD	Aug 22 - dis met	1
				9/5/2006		ICP-W-DIS	Aug 22 - dis met	1
L73504-05F				9/5/2006	Aqueous	OGB-W	OGBFridge	1
L73504-06A	Miller Outlet	8/21/2006 6:00:00 PM		9/5/2006		SS	ww - tds.tss.ss	1
				9/5/2006		TDS-W	ww - tds.tss.ss	1
				9/5/2006		TSS-W	ww - tds.tss.ss	1
L73504-06B				9/5/2006		2320B-ALK-W	aug 22 wc	1
				9/5/2006		300.0-W	aug 22 wc	1
				9/5/2006		ACIDITY-W	aug 22 wc	1
				9/5/2006		NO2-W	aug 22 wc	1
				9/5/2006		NO3-W	aug 22 wc	1
				9/5/2006		PO4-O	aug 22 wc	1
L73504-06C				9/5/2006		NH3-W	aug 22 - nh3	1
				9/5/2006		NH3-W-PREP	aug 22 - nh3	1
L73504-06D				9/5/2006		3005A-ICPMS	Aug 22 - met	1
				9/5/2006		ICP-W	Aug 22 - met	1
L73504-06E				9/5/2006	Aqueous-Dissolved	3005A-Diss	Aug 22 - dis met	1
				9/5/2006		6020-W-DISS	Aug 22 - dis met	1
				9/5/2006		HARD	Aug 22 - dis met	1
				9/5/2006		ICP-W-DIS	Aug 22 - dis met	1
L73504-06F				9/5/2006	Aqueous	OGB-W	OGBFridge	1

Client Carbon Resources | Rock Logic Consulting
Address PO Box 544
Cedaredge CO 81413
City State Zip
Phone 435-851-9044 Fax
Contact Brad Lindsay
E-mail lindsay.brad@gmail.com
Project Name Scofield baseline
Project Number/P.O.#
Sampler Name Brad Lindsay

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Lab Sample Set # 73504
Page of

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

	Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	table 4	table 3	COMMENTS
1	CR-06-03-ABV	8.21.06/1400	W	5	✓		
2	Angle Spring	8.21.06/16:00	W	6		✓	
3	Mud Creek	8.21.06/16:30	W	6		✓	
4	Sulfer Spring	8.21.06/17:00	W	6		✓	
5	Scofield Res. 1	8.21.06/17:30	W	6		✓	
6	Miller Outlet	8.21.06/18:00	W	6		✓	

Please indicate tests needed below

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 14:15	PRINT NAME Elma Hayward
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes:
3 Temperature 8°
4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	✓Total Dissolved Solids	mg/l
*	-	✓Total Settleable Solids	(UPDES)
*	-	✓Total Suspended Solids	mg/l
*	-	✓Total Hardness ($CaCO_3$)	mg/l
*	-	✓Total Alkalinity	mg/l
	-	✓Acidity	mg/l
	-	✓Aluminum (Dissolved)	mg/l
	-	✓Arsenic (Dissolved)	mg/l
	-	✓Boron (Dissolved)[1]	mg/l
*	-	✓ Carbonate	mg/l
*	-	✓Bicarbonate	mg/l
	-	✓Cadmium (Dissolved)	mg/l
*	-	✓Calcium (Dissolved)	mg/l
*	-	✓Chloride	mg/l
	-	✓Copper (Dissolved)	mg/l
*	-	✓Iron (Dissolved)	mg/l
*	-	✓Iron (Total)	mg/l
	-	✓ Lead (Dissolved)	mg/l
*	-	✓Magnesium (Dissolved)	mg/l
*	-	✓Manganese (Dissolved)	mg/l
*	-	✓Manganese (Total)	mg/l
	-	✓ Molybdenum (Dissolved)	mg/l
	-	✓Ammonia	mg/l
	-	✓Nitrates	mg/l
	-	✓Nitrites	mg/l
*	-	✓Potassium (Dissolved)	mg/l
	-	✓Phosphates(Ortho)	mg/l
	-	✓Selenium[1] (Dissolved)	mg/l
*	-	✓Sodium (Dissolved)	mg/l
*	-	✓ Sulfate	mg/l
	-	✓Zinc (Dissolved)	mg/l
*	-	✓Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS		REPORTED AS
*	-	Water level or Flow		Depth, Flow
*	-	pH		Standard units
*	-	Specific Conductivity		umhos/cm @ 25° C
*	-	Temperature		°C
		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 73504

Preservation Check Sheet

			Sample Set Extension and pH														
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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October 12, 2006

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L74133

Dear Brad Lindsay:

American West Analytical Labs received 6 samples on 9/28/2006 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-01D
Field Sample ID: **Miller Outlet**
Collected: 9/27/2006 8:30:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Iron	mg/L	10/12/2006 8:03:42 AM	6010B	0.050	**1.3**	[1]
Manganese	mg/L	10/12/2006 8:03:42 AM	6010B	0.0050	**0.062**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74133-02D
Field Sample ID: **RES-1**
Collected: 9/27/2006 8:45:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	10/12/2006 8:19:35 AM	6010B	0.050	**2.0**
Manganese	mg/L	10/12/2006 8:19:35 AM	6010B	0.0050	**1.5**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-03D
Field Sample ID: **Sulfer Spring**
Collected: 9/27/2006 9:00:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	10/12/2006 8:43:14 AM	6010B	0.050	**0.52**
Manganese	mg/L	10/12/2006 8:43:14 AM	6010B	0.0050	**0.037**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74133-04D
Field Sample ID: **Mud Creek**
Collected: 9/27/2006 9:15:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	10/12/2006 8:47:10 AM	6010B	0.050	**0.31**
Manganese	mg/L	10/12/2006 8:47:10 AM	6010B	0.0050	**0.030**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-05D
Field Sample ID: **Angle Spring**
Collected: 9/27/2006 10:00:00 AM
Received: 9/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	10/12/2006 8:51:12 AM	6010B	0.050	**< 0.050**
Manganese	mg/L	10/12/2006 8:51:12 AM	6010B	0.0050	< 0.0050

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74133-06D
Field Sample ID: **CR-06-03-ABV**
Collected: 9/27/2006 11:00:00 AM
Received: 9/28/2006

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Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	10/12/2006 8:55:10 AM	6010B	0.050	**4.0**
Manganese	mg/L	10/12/2006 8:55:10 AM	6010B	0.0050	**0.054**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-01E
Field Sample ID: **Miller Outlet**
Collected: 9/27/2006 8:30:00 AM
Received: 9/28/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	10/11/2006 7:01:59 AM	6010B	0.10	< 0.10
Arsenic	mg/L	10/5/2006 11:05:15 AM	6020	0.0050	< 0.0050
Boron	mg/L	10/11/2006 7:01:59 AM	6010B	0.50	< 0.50
Cadmium	mg/L	10/5/2006 11:05:15 AM	6020	0.0040	< 0.0040
Calcium	mg/L	10/11/2006 7:01:59 AM	6010B	10	**84**
Copper	mg/L	10/5/2006 11:05:15 AM	6020	0.0040	< 0.0040
Iron	mg/L	10/11/2006 7:01:59 AM	6010B	0.050	< 0.050
Lead	mg/L	10/5/2006 11:05:15 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	10/11/2006 7:01:59 AM	6010B	10	**18**
Manganese	mg/L	10/5/2006 11:05:15 AM	6020	0.0050	**0.0072**
Molybdenum	mg/L	10/11/2006 7:01:59 AM	6010B	0.10	< 0.10
Potassium	mg/L	10/11/2006 7:01:59 AM	6010B	1.0	**1.8**
Selenium	mg/L	10/5/2006 11:05:15 AM	6020	0.0050	< 0.0050
Sodium	mg/L	10/11/2006 7:01:59 AM	6010B	1.0	**11**
Zinc	mg/L	10/5/2006 11:05:15 AM	6020	0.010	**0.020**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74133-02E
Field Sample ID: **RES-1**
Collected: 9/27/2006 8:45:00 AM
Received: 9/28/2006

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	10/11/2006 7:05:55 AM	6010B	0.10	< 0.10
Arsenic	mg/L	10/5/2006 11:10:38 AM	6020	0.0050	< 0.0050
Boron	mg/L	10/11/2006 7:05:55 AM	6010B	0.50	< 0.50
Cadmium	mg/L	10/5/2006 11:10:38 AM	6020	0.0040	< 0.0040
Calcium	mg/L	10/11/2006 7:05:55 AM	6010B	10	**52**
Copper	mg/L	10/5/2006 11:10:38 AM	6020	0.0040	< 0.0040
Iron	mg/L	10/11/2006 7:05:55 AM	6010B	0.050	< 0.050
Lead	mg/L	10/5/2006 11:10:38 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	10/11/2006 7:05:55 AM	6010B	10	**28**
Manganese	mg/L	10/5/2006 11:10:38 AM	6020	0.0050	**0.85**
Molybdenum	mg/L	10/11/2006 7:05:55 AM	6010B	0.10	< 0.10
Potassium	mg/L	10/11/2006 7:05:55 AM	6010B	1.0	**3.2**
Selenium	mg/L	10/5/2006 11:10:38 AM	6020	0.0050	< 0.0050
Sodium	mg/L	10/11/2006 7:05:55 AM	6010B	10	**22**
Zinc	mg/L	10/5/2006 11:10:38 AM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-03E
Field Sample ID: **Sulfer Spring**
Collected: 9/27/2006 9:00:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	10/11/2006 7:09:48 AM	6010B	0.10	< 0.10
Arsenic	mg/L	10/5/2006 11:16:01 AM	6020	0.0050	< 0.0050
Boron	mg/L	10/11/2006 7:09:48 AM	6010B	0.50	< 0.50
Cadmium	mg/L	10/5/2006 11:16:01 AM	6020	0.0040	< 0.0040
Calcium	mg/L	10/11/2006 7:09:48 AM	6010B	10	**94**
Copper	mg/L	10/5/2006 11:16:01 AM	6020	0.0040	< 0.0040
Iron	mg/L	10/11/2006 7:09:48 AM	6010B	0.050	< 0.050
Lead	mg/L	10/5/2006 11:16:01 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	10/11/2006 7:09:48 AM	6010B	10	**37**
Manganese	mg/L	10/5/2006 11:16:01 AM	6020	0.0050	**0.038**
Molybdenum	mg/L	10/11/2006 7:09:48 AM	6010B	0.10	< 0.10
Potassium	mg/L	10/11/2006 7:09:48 AM	6010B	1.0	**4.2**
Selenium	mg/L	10/5/2006 11:16:01 AM	6020	0.0050	< 0.0050
Sodium	mg/L	10/11/2006 7:09:48 AM	6010B	10	**12**
Zinc	mg/L	10/5/2006 11:16:01 AM	6020	0.010	< 0.010

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-04E
Field Sample ID: **Mud Creek**
Collected: 9/27/2006 9:15:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	10/11/2006 7:17:38 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	10/5/2006 11:21:22 AM	6020	0.0050	< 0.0050	
Boron	mg/L	10/11/2006 7:17:38 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	10/5/2006 11:21:22 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	10/11/2006 7:17:38 AM	6010B	10	**86**	2
Copper	mg/L	10/5/2006 11:21:22 AM	6020	0.0040	< 0.0040	
Iron	mg/L	10/11/2006 7:17:38 AM	6010B	0.050	< 0.050	
Lead	mg/L	10/5/2006 11:21:22 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	10/11/2006 7:17:38 AM	6010B	10	**49**	2
Manganese	mg/L	10/5/2006 11:21:22 AM	6020	0.0050	**0.019**	
Molybdenum	mg/L	10/11/2006 7:17:38 AM	6010B	0.10	< 0.10	
Potassium	mg/L	10/11/2006 7:17:38 AM	6010B	1.0	**8.0**	1
Selenium	mg/L	10/5/2006 11:21:22 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	10/11/2006 7:17:38 AM	6010B	10	**38**	2
Zinc	mg/L	10/5/2006 11:21:22 AM	6020	0.010	< 0.010	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

[2] *Analyte concentration is too high for accurate spike recovery.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-05E
Field Sample ID: **Angle Spring**
Collected: 9/27/2006 10:00:00 AM
Received: 9/28/2006

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	10/11/2006 7:33:51 AM	6010B	0.10	< 0.10
Arsenic	mg/L	10/5/2006 11:48:21 AM	6020	0.0050	< 0.0050
Boron	mg/L	10/11/2006 7:33:51 AM	6010B	0.50	< 0.50
Cadmium	mg/L	10/5/2006 11:48:21 AM	6020	0.0040	< 0.0040
Calcium	mg/L	10/11/2006 7:33:51 AM	6010B	10	**100**
Copper	mg/L	10/5/2006 11:48:21 AM	6020	0.0040	< 0.0040
Iron	mg/L	10/11/2006 7:33:51 AM	6010B	0.050	< 0.050
Lead	mg/L	10/5/2006 11:48:21 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	10/11/2006 7:33:51 AM	6010B	10	**19**
Manganese	mg/L	10/5/2006 11:48:21 AM	6020	0.0050	< 0.0050
Molybdenum	mg/L	10/11/2006 7:33:51 AM	6010B	0.10	< 0.10
Potassium	mg/L	10/11/2006 7:33:51 AM	6010B	1.0	**1.5**
Selenium	mg/L	10/5/2006 11:48:21 AM	6020	0.0050	< 0.0050
Sodium	mg/L	10/11/2006 7:33:51 AM	6010B	1.0	**10**
Zinc	mg/L	10/5/2006 11:48:21 AM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-06E
Field Sample ID: **CR-06-03-ABV**
Collected: 9/27/2006 11:00:00 AM
Received: 9/28/2006

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	10/11/2006 7:37:46 AM	6010B	0.10	< 0.10
Arsenic	mg/L	10/5/2006 11:53:46 AM	6020	0.0050	**0.047**
Boron	mg/L	10/11/2006 7:37:46 AM	6010B	0.50	< 0.50
Cadmium	mg/L	10/5/2006 11:53:46 AM	6020	0.0040	< 0.0040
Calcium	mg/L	10/11/2006 7:37:46 AM	6010B	10	**120**
Copper	mg/L	10/5/2006 11:53:46 AM	6020	0.0040	< 0.0040
Iron	mg/L	10/11/2006 7:37:46 AM	6010B	0.050	**0.070**
Lead	mg/L	10/5/2006 11:53:46 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	10/11/2006 7:37:46 AM	6010B	10	**31**
Manganese	mg/L	10/5/2006 11:53:46 AM	6020	0.0050	**0.022**
Molybdenum	mg/L	10/11/2006 7:37:46 AM	6010B	0.10	**< 0.10**
Potassium	mg/L	10/11/2006 7:37:46 AM	6010B	1.0	**1.6**
Selenium	mg/L	10/5/2006 11:53:46 AM	6020	0.0050	< 0.0050
Sodium	mg/L	10/11/2006 7:37:46 AM	6010B	10	**12**
Zinc	mg/L	10/5/2006 11:53:46 AM	6020	0.010	**0.097**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L74133-01
Field Sample ID: **Miller Outlet**
Collected: 9/27/2006 8:30:00 AM
Received: 9/28/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	9/29/2006 8:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**240**	
Ammonia (as N)	mg/L	9/29/2006 3:12:00 PM	350.1	0.050	< 0.050	1
Bicarbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**240**	
Carbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	10	< 10	
Chloride	mg/L	10/2/2006 7:07:50 PM	300.0	2.0	**9.5**	
Hardness (as CaCO3)	mg/L	10/11/2006	2340B	10	**280**	
Nitrate (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	**0.19**	
Nitrite (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	9/28/2006 1:45:00 PM	EPA 1664	3.0	**4.5**	
pH @ 25° C	pH Units	9/28/2006 11:30:00 AM	150.1	0	**8.44**	H
Phosphate, ortho (as P)	mg/L	9/28/2006 12:45:00 PM	365.1	0.050	< 0.050	
Settable Solids	ml/L	9/28/2006 11:30:00 AM	160.5	0.10	**0.10**	
Sulfate	mg/L	10/2/2006 7:07:50 PM	300.0	10	**22**	
TDS	mg/L	9/28/2006 2:00:00 PM	160.1	10	**240**	
TSS	mg/L	9/28/2006 3:30:00 PM	160.2	3.0	**39**	

H - Sample was received outside of holding time.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-02
Field Sample ID: **RES-1**
Collected: 9/27/2006 8:45:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	9/29/2006 8:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**180**	
Ammonia (as N)	mg/L	9/29/2006 3:12:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**180**	
Carbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	10	< 10	
Chloride	mg/L	10/2/2006 7:41:07 PM	300.0	10	**28**	
Hardness (as CaCO3)	mg/L	10/11/2006	2340B	10	**240**	
Nitrate (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Nitrite (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	9/28/2006 1:45:00 PM	EPA 1664	3.0	**5.1**	
pH @ 25° C	pH Units	9/28/2006 11:30:00 AM	150.1	0	**8.12**	**H**
Phosphate, ortho (as P)	mg/L	9/28/2006 12:45:00 PM	365.1	0.050	< 0.050	
Settable Solids	ml/L	9/28/2006 11:30:00 AM	160.5	0.10	**0.10**	
Sulfate	mg/L	10/2/2006 7:41:07 PM	300.0	10	**58**	
TDS	mg/L	9/28/2006 2:00:00 PM	160.1	10	**320**	
TSS	mg/L	9/28/2006 3:30:00 PM	160.2	3.0	**51**	

H - Sample was received outside of holding time.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-03
Field Sample ID: **Sulfer Spring**
Collected: 9/27/2006 9:00:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	9/29/2006 8:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**350**	
Ammonia (as N)	mg/L	9/29/2006 3:12:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**350**	
Carbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	10	< 10	
Chloride	mg/L	10/2/2006 8:47:40 PM	300.0	1.0	**6.2**	
Hardness (as CaCO3)	mg/L	10/11/2006	2340B	10	**390**	
Nitrate (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Nitrite (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	9/28/2006 1:45:00 PM	EPA 1664	3.0	**4.1**	
pH @ 25° C	pH Units	9/28/2006 11:30:00 AM	150.1	0	**7.47**	H
Phosphate, ortho (as P)	mg/L	9/28/2006 12:45:00 PM	365.1	0.050	< 0.050	
Settable Solids	ml/L	9/28/2006 11:30:00 AM	160.5	0.10	< 0.10	
Sulfate	mg/L	10/2/2006 8:47:40 PM	300.0	10	**46**	
TDS	mg/L	9/28/2006 2:00:00 PM	160.1	10	**340**	
TSS	mg/L	9/28/2006 3:30:00 PM	160.2	3.0	**4.0**	

H - Sample was received outside of holding time.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-04
Field Sample ID: **Mud Creek**
Collected: 9/27/2006 9:15:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	9/29/2006 8:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**250**	
Ammonia (as N)	mg/L	9/29/2006 3:12:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**230**	
Carbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**< 20**	
Chloride	mg/L	10/2/2006 9:54:14 PM	300.0	10	**15**	
Hardness (as CaCO3)	mg/L	10/11/2006	2340B	10	**420**	
Nitrate (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	**0.28**	
Nitrite (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	9/28/2006 1:45:00 PM	EPA 1664	3.0	**4.3**	
pH @ 25° C	pH Units	9/28/2006 11:30:00 AM	150.1	0	**8.50**	H
Phosphate, ortho (as P)	mg/L	9/28/2006 12:45:00 PM	365.1	0.050	< 0.050	
Settable Solids	ml/L	9/28/2006 11:30:00 AM	160.5	0.10	**0.10**	
Sulfate	mg/L	10/2/2006 9:54:14 PM	300.0	50	**170**	
TDS	mg/L	9/28/2006 2:00:00 PM	160.1	10	**490**	
TSS	mg/L	9/28/2006 3:30:00 PM	160.2	3.0	**11**	

H - Sample was received outside of holding time.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-05
Field Sample ID: **Angle Spring**
Collected: 9/27/2006 10:00:00 AM
Received: 9/28/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	9/29/2006 8:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**290**	
Ammonia (as N)	mg/L	9/29/2006 3:12:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**290**	
Carbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	10	< 10	
Chloride	mg/L	10/2/2006 10:27:31 PM	300.0	10	**21**	
Hardness (as CaCO3)	mg/L	10/11/2006	2340B	10	**340**	
Nitrate (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	**0.98**	
Nitrite (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	9/28/2006 1:45:00 PM	EPA 1664	3.0	**4.9**	
pH @ 25° C	pH Units	9/28/2006 11:30:00 AM	150.1	0	**7.71**	**H**
Phosphate, ortho (as P)	mg/L	9/28/2006 12:45:00 PM	365.1	0.050	< 0.050	
Settable Solids	ml/L	9/28/2006 11:30:00 AM	160.5	0.10	< 0.10	
Sulfate	mg/L	10/2/2006 10:27:31 PM	300.0	10	**16**	
TDS	mg/L	9/28/2006 2:00:00 PM	160.1	10	**300**	
TSS	mg/L	9/28/2006 3:30:00 PM	160.2	3.0	< 3.0	

H - Sample was received outside of holding time.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L74133-06
Field Sample ID: **CR-06-03-ABV**
Collected: 9/27/2006 11:00:00 AM
Received: 9/28/2006

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	9/29/2006 8:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**370**	
Ammonia (as N)	mg/L	9/29/2006 3:12:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	20	**370**	
Carbonate (As CaCO3)	mg/L	9/28/2006 12:00:00 PM	2320B	10	< 10	
Chloride	mg/L	10/3/2006 12:07:21 AM	300.0	10	**17**	
Hardness (as CaCO3)	mg/L	10/11/2006	2340B	10	**440**	
Nitrate (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
Nitrite (as N)	mg/L	9/28/2006 1:53:00 PM	353.2	0.010	< 0.010	
pH @ 25° C	pH Units	9/28/2006 11:30:00 AM	150.1	0	**7.24**	**H**
Phosphate, ortho (as P)	mg/L	9/28/2006 12:45:00 PM	365.1	0.050	< 0.050	
Sulfate	mg/L	10/3/2006 12:07:21 AM	300.0	10	**36**	
TDS	mg/L	9/28/2006 2:00:00 PM	160.1	10	**420**	

H - Sample was received outside of holding time.

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-30875	Arsenic	mg/L	6020	0.2106	0.2	0	105	80-120				10/5/2006
LCS-30875	Cadmium	mg/L	6020	0.1970	0.2	0	98.5	80-120				10/5/2006
LCS-30875	Copper	mg/L	6020	0.1920	0.2	0	96.0	80-120				10/5/2006
LCS-30875	Lead	mg/L	6020	0.2012	0.2	0	101	80-120				10/5/2006
LCS-30875	Manganese	mg/L	6020	0.2036	0.2	0	102	80-120				10/5/2006
LCS-30875	Selenium	mg/L	6020	0.2026	0.2	0	101	80-120				10/5/2006
LCS-30875	Zinc	mg/L	6020	0.9885	1	0	98.8	80-120				10/5/2006
LCS-30876	Iron	mg/L	6010B	1.144	1	0	114	75-125				10/12/2006
LCS-30876	Manganese	mg/L	6010B	0.2067	0.2	0	103	75-125				10/12/2006
LCS-30875	Aluminum	mg/L	6010B	1.114	1	0	111	75-125				10/11/2006
LCS-30875	Boron	mg/L	6010B	1.038	1	0	104	75-125				10/11/2006
LCS-30875	Calcium	mg/L	6010B	10.51	10	0	105	75-125				10/11/2006
LCS-30875	Iron	mg/L	6010B	1.025	1	0	102	75-125				10/11/2006
LCS-30875	Magnesium	mg/L	6010B	10.10	10	0	101	75-125				10/11/2006
LCS-30875	Molybdenum	mg/L	6010B	0.2161	0.2	0	108	75-125				10/11/2006
LCS-30875	Potassium	mg/L	6010B	9.702	10	0	97.0	75-125				10/11/2006
LCS-30875	Sodium	mg/L	6010B	10.14	10	0	101	75-125				10/11/2006

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-30875	Arsenic	mg/L	6020	< 0.0050				-				10/5/2006
MB-30875	Cadmium	mg/L	6020	< 0.0040				-				10/5/2006
MB-30875	Copper	mg/L	6020	< 0.0040				-				10/5/2006
MB-30875	Lead	mg/L	6020	< 0.0050				-				10/5/2006
MB-30875	Manganese	mg/L	6020	< 0.0050				-				10/5/2006
MB-30875	Selenium	mg/L	6020	< 0.0050				-				10/5/2006
MB-30875	Zinc	mg/L	6020	< 0.010				-				10/5/2006
MB-30876	Iron	mg/L	6010B	< 0.050				-				10/12/2006
MB-30876	Manganese	mg/L	6010B	< 0.0050				-				10/12/2006
MB-30875	Aluminum	mg/L	6010B	< 0.10				-				10/11/2006
MB-30875	Boron	mg/L	6010B	< 0.50				-				10/11/2006
MB-30875	Calcium	mg/L	6010B	< 1.0				-				10/11/2006
MB-30875	Iron	mg/L	6010B	< 0.050				-				10/11/2006
MB-30875	Magnesium	mg/L	6010B	< 1.0				-				10/11/2006
MB-30875	Molybdenum	mg/L	6010B	< 0.10				-				10/11/2006
MB-30875	Potassium	mg/L	6010B	< 1.0				-				10/11/2006
MB-30875	Sodium	mg/L	6010B	< 1.0				-				10/11/2006

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QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74133-04EMS	Arsenic	mg/L	6020	0.2090	0.2	0	105	70-130				10/5/2006
L74133-04EMS	Cadmium	mg/L	6020	0.1994	0.2	0	99.7	70-130				10/5/2006
L74133-04EMS	Copper	mg/L	6020	0.1896	0.2	0	94.8	70-130				10/5/2006
L74133-04EMS	Lead	mg/L	6020	0.1971	0.2	0	98.6	70-130				10/5/2006
L74133-04EMS	Manganese	mg/L	6020	0.2188	0.2	0.01896	99.9	70-130				10/5/2006
L74133-04EMS	Selenium	mg/L	6020	0.1938	0.2	0	96.9	70-130				10/5/2006
L74133-04EMS	Zinc	mg/L	6020	0.9679	1	0	96.8	70-130				10/5/2006
L74133-01DMS	Iron	mg/L	6010B	2.526	1	1.274	125	75-125			[1]	10/12/2006
L74133-01DMS	Manganese	mg/L	6010B	0.2741	0.2	0.06246	106	75-125				10/12/2006
L74133-04EMS	Aluminum	mg/L	6010B	0.9683	1	0	96.8	75-125				10/11/2006
L74133-04EMS	Boron	mg/L	6010B	1.233	1	0	123	75-125				10/11/2006
L74133-04EMS	Calcium	mg/L	6010B	96.62	10	0	966	75-125			[2]	10/11/2006
L74133-04EMS	Iron	mg/L	6010B	1.118	1	0	112	75-125				10/11/2006
L74133-04EMS	Magnesium	mg/L	6010B	59.26	10	0	593	75-125			[2]	10/11/2006
L74133-04EMS	Molybdenum	mg/L	6010B	0.2122	0.2	0	106	75-125				10/11/2006
L74133-04EMS	Potassium	mg/L	6010B	19.38	10	0	194	75-125			[1]	10/11/2006
L74133-04EMS	Sodium	mg/L	6010B	47.83	10	0	478	75-125			[2]	10/11/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
[2] Analyte concentration is too high for accurate spike recovery.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74133-04EMSD	Arsenic	mg/L	6020	0.2146	0.2	0	107	70-130	2.65	20		10/5/2006
L74133-04EMSD	Cadmium	mg/L	6020	0.2016	0.2	0	101	70-130	1.13	20		10/5/2006
L74133-04EMSD	Copper	mg/L	6020	0.1939	0.2	0	96.9	70-130	2.23	20		10/5/2006
L74133-04EMSD	Lead	mg/L	6020	0.2014	0.2	0	101	70-130	2.13	20		10/5/2006
L74133-04EMSD	Manganese	mg/L	6020	0.2242	0.2	0.01896	103	70-130	2.47	20		10/5/2006
L74133-04EMSD	Selenium	mg/L	6020	0.1983	0.2	0	99.2	70-130	2.29	20		10/5/2006
L74133-04EMSD	Zinc	mg/L	6020	0.9898	1	0	99.0	70-130	2.25	20		10/5/2006
L74133-01DMSD	Iron	mg/L	6010B	2.471	1	1.274	120	75-125	2.20	20		10/12/2006
L74133-01DMSD	Manganese	mg/L	6010B	0.2732	0.2	0.06246	105	75-125	0.329	20		10/12/2006
L74133-04EMSD	Aluminum	mg/L	6010B	0.9213	1	0	92.1	75-125	4.98	20		10/11/2006
L74133-04EMSD	Boron	mg/L	6010B	1.227	1	0	123	75-125	0.488	20		10/11/2006
L74133-04EMSD	Calcium	mg/L	6010B	95.75	10	0	958	75-125	0.905	20	2	10/11/2006
L74133-04EMSD	Iron	mg/L	6010B	1.129	1	0	113	75-125	0.974	20		10/11/2006
L74133-04EMSD	Magnesium	mg/L	6010B	58.21	10	0	582	75-125	1.79	20	2	10/11/2006
L74133-04EMSD	Molybdenum	mg/L	6010B	0.2204	0.2	0	110	75-125	3.76	20		10/11/2006
L74133-04EMSD	Potassium	mg/L	6010B	19.67	10	0	197	75-125	1.52	20	1	10/11/2006
L74133-04EMSD	Sodium	mg/L	6010B	47.58	10	0	476	75-125	0.524	20	2	10/11/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

[2] Analyte concentration is too high for accurate spike recovery.

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74133-01BDUP	pH @ 25° C	pH Units	150.1	8.450	0	8.44		-	0.118	5	H	9/28/2006
L74157-01BDUP	pH @ 25° C	pH Units	150.1	7.450	0	7.53		-	1.07	5		9/28/2006
L74159-08BDUP	pH @ 25° C	pH Units	150.1	7.060	0	7.13		-	0.987	5		9/28/2006
L74124-02BDUP	TDS	mg/L	160.1	25100	0	25500		-	1.58	20		9/28/2006
L74133-06ADUP	TDS	mg/L	160.1	424.0	0	424		-	0	20		9/28/2006
L74118-02ADUP	TSS	mg/L	160.2	< 3.0	0	6		-	0	20		9/28/2006
L74119-01BDUP	TSS	mg/L	160.2	218.0	0	213		-	2.32	20		9/28/2006
L74125-06BDUP	TSS	mg/L	160.2	30.00	0	27		-	10.5	20		9/28/2006
L74133-05ADUP	TSS	mg/L	160.2	< 3.0	0	0		-	0	20		9/28/2006

H - Sample was received outside of holding time.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R62147	Alkalinity,(As CaCO3)	mg/L	2320B	50740	50000	0	101	90-110				9/28/2006
LCS-R62249	Chloride	mg/L	300.0	4.972	5	0	99.4	90-110				10/2/2006
LCS-R62249	Sulfate	mg/L	300.0	5.200	5	0	104	90-110				10/2/2006
LCS-R62161	Acidity	mg/L	305.1	55.00	50	0	110	80-120				9/29/2006
LCS-30820	Ammonia (as N)	mg/L	350.1	0.9920	1	0	99.2	90-110				9/29/2006
LCS-62125	Nitrite (as N)	mg/L	353.2	0.9530	1	0	95.3	90-110				9/28/2006
LCS-62127	Nitrate (as N)	mg/L	353.2	0.9740	1	0	97.4	90-110				9/28/2006
LCS-R62139	Oil & Grease	mg/L	EPA 1664	38.50	40	0	96.2	79-114				9/28/2006
LCS-R62142	pH @ 25° C	pH Units	150.1	8.960	9	0	99.6	98-102				9/28/2006
LCS-62120	Phosphate, ortho (as P)	mg/L	365.1	0.9650	1	0	96.5	90-110				9/28/2006
LCS-R62210	TDS	mg/L	160.1	174.0	205	0	84.9	80-120				9/28/2006
LCS-R62166	TSS	mg/L	160.2	98.00	100	0	98.0	80-120				9/28/2006

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AMERICAN WEST ANALYTICAL LABORATORIES
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R62147	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				9/28/2006
MB-R62147	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				9/28/2006
MB-R62147	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				9/28/2006
MB-R62249	Chloride	mg/L	300.0	< 1.0				-				10/2/2006
MB-R62249	Sulfate	mg/L	300.0	< 1.0				-				10/2/2006
MB-R62161	Acidity	mg/L	305.1	< 15				-				9/29/2006
MB-30820	Ammonia (as N)	mg/L	350.1	< 0.050				-				9/29/2006
MB-62125	Nitrite (as N)	mg/L	353.2	< 0.010				-				9/28/2006
MB-62127	Nitrate (as N)	mg/L	353.2	< 0.010				-				9/28/2006
MB-R62139	Oil & Grease	mg/L	EPA 1664	< 3.0				-				9/28/2006
MB-62120	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				9/28/2006
MB-R62210	TDS	mg/L	160.1	< 10				-				9/28/2006
MB-R62166	TSS	mg/L	160.2	< 3.0				-				9/28/2006

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74133-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	341.0	100	237	104	80-120				9/28/2006
L74133-06BMS	Chloride	mg/L	300.0	65.46	50	17.27	96.4	90-110				10/3/2006
L74133-06BMS	Sulfate	mg/L	300.0	86.20	50	36.03	100	90-110				10/3/2006
L74133-01CMS	Ammonia (as N)	mg/L	350.1	0.9200	1	0	92.0	90-110				9/29/2006
L74117-02AMS	Ammonia (as N)	mg/L	350.1	154.2	2	147.6	329	90-110			2	9/29/2006
L74133-01BMS	Nitrite (as N)	mg/L	353.2	0.9310	1	0	93.1	90-110				9/28/2006
L74133-01BMS	Nitrate (as N)	mg/L	353.2	1.219	1	0.19	103	90-110				9/28/2006
L74133-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9700	1	0.04	93.0	90-110				9/28/2006

[2] Analyte concentration is too high for accurate spike recovery.

All analyses applic[redacted]CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted] report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member [redacted] or reproduction of this report in connecti[redacted]n the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose oth[redacted]or the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection a[redacted]alysis in good faith and according to the rules of the trade and of science.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L74133-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	341.0	100	237	104	80-120	0	10		9/28/2006
L74133-06BMSD	Chloride	mg/L	300.0	65.19	50	17.27	95.8	90-110	0.418	20		10/3/2006
L74133-06BMSD	Sulfate	mg/L	300.0	85.10	50	36.03	98.2	90-110	1.28	20		10/3/2006
L74133-01CMSD	Ammonia (as N)	mg/L	350.1	0.8860	1	0	88.6	90-110	3.77	10	[1]	9/29/2006
L74117-02AMSD	Ammonia (as N)	mg/L	350.1	158.5	2	147.6	545	90-110	2.76	10	[2]	9/29/2006
L74133-01BMSD	Nitrite (as N)	mg/L	353.2	0.9460	1	0	94.6	90-110	1.60	10		9/28/2006
L74133-01BMSD	Nitrate (as N)	mg/L	353.2	1.154	1	0.19	96.4	90-110	5.48	10		9/28/2006
L74133-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9930	1	0.04	95.3	90-110	2.34	10		9/28/2006

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R62139	Oil & Grease	mg/L	EPA 1664	37.30	40	0	93.3	79-114				9/28/2006

All analyses applica[redacted]CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]s report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member o[redacted]or reproduction of this report in connection[redacted]with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose othe[redacted]for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection a[redacted]alysis in good faith

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L74133
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R62139	Oil & Grease	mg/L	EPA 1664	38.30	40	0	95.8	79-114	2.65	18		9/28/2006

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American West Analytical Labs

WORK ORDER Summary

28-Sep-06

Work Order L74133

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:** DB

Comments: QCLevel: QC 2+ / Footnote report, pH received outside of hold. Filter and preserve for dismetals

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74133-01A	Miller Outlet	9/27/2006 8:30:00 AM	9/28/2006	10/12/2006	Aqueous	SS	ww - tss/tds/ss	1
				10/12/2006		TDS-W	ww - tss/tds/ss	1
				10/12/2006		TSS-W	ww - tss/tds/ss	1
L74133-01B				10/12/2006		2320B-ALK-W	sept 28 - wc	1
				10/12/2006		300.0-W	sept 28 - wc	1
				10/12/2006		ACIDITY-W	sept 28 - wc	1
				10/12/2006		NO2-W	sept 28 - wc	1
				10/12/2006		NO3-W	sept 28 - wc	1
				10/12/2006		PH-W	sept 28 - wc	1
				10/12/2006		PO4-O	sept 28 - wc	1
L74133-01C				10/12/2006		NH3-W	sept 28 - nh3	1
				10/12/2006		NH3-W-PREP	sept 28 - nh3	1
L74133-01D				10/12/2006		3005A-ICPMS	sept 28 - met	1
				10/12/2006		ICP-W	sept 28 - met	1
L74133-01E				10/12/2006	Aqueous-Dissolved	3005A-Diss	sept 28 - dis met	1
				10/12/2006		6020-W-DISS	sept 28 - dis met	1
				10/12/2006		HARD	sept 28 - dis met	1
				10/12/2006		ICP-W-DIS	sept 28 - dis met	1
L74133-01F				10/12/2006	Aqueous	OGB-W	ogb	1
L74133-02A	RES-1	9/27/2006 8:45:00 AM		10/12/2006		SS	ww - tss/tds/ss	1
				10/12/2006		TDS-W	ww - tss/tds/ss	1
				10/12/2006		TSS-W	ww - tss/tds/ss	1
L74133-02B				10/12/2006		2320B-ALK-W	sept 28 - wc	1
				10/12/2006		300.0-W	sept 28 - wc	1
				10/12/2006		ACIDITY-W	sept 28 - wc	1
				10/12/2006		NO2-W	sept 28 - wc	1
				10/12/2006		NO3-W	sept 28 - wc	1

WORK ORDER Summary

28-Sep-06

Work Order L74133

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ / Footnote report, pH received outside of hold. Filter and preserve for dismetals

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74133-02B	RES-1	9/27/2006 8:45:00 AM	9/28/2006	10/12/2006	Aqueous	PH-W	sept 28 - wc	1
				10/12/2006		PO4-O	sept 28 - wc	1
L74133-02C				10/12/2006		NH3-W	sept 28 - nh3	1
				10/12/2006		NH3-W-PREP	sept 28 - nh3	1
L74133-02D				10/12/2006		3005A-ICPMS	sept 28 - met	1
				10/12/2006		ICP-W	sept 28 - met	1
L74133-02E				10/12/2006	Aqueous-Dissolved	3005A-Diss	sept 28 - dis met	1
				10/12/2006		6020-W-DISS	sept 28 - dis met	1
				10/12/2006		HARD	sept 28 - dis met	1
				10/12/2006		ICP-W-DIS	sept 28 - dis met	1
L74133-02F				10/12/2006	Aqueous	OGB-W	ogb	1
L74133-03A	Sulfer Spring	9/27/2006 9:00:00 AM		10/12/2006		SS	ww - tss/tds/ss	1
				10/12/2006		TDS-W	ww - tss/tds/ss	1
				10/12/2006		TSS-W	ww - tss/tds/ss	1
L74133-03B				10/12/2006		2320B-ALK-W	sept 28 - wc	1
				10/12/2006		300.0-W	sept 28 - wc	1
				10/12/2006		ACIDITY-W	sept 28 - wc	1
				10/12/2006		NO2-W	sept 28 - wc	1
				10/12/2006		NO3-W	sept 28 - wc	1
				10/12/2006		PH-W	sept 28 - wc	1
				10/12/2006		PO4-O	sept 28 - wc	1
L74133-03C				10/12/2006		NH3-W	sept 28 - nh3	1
				10/12/2006		NH3-W-PREP	sept 28 - nh3	1
L74133-03D				10/12/2006		3005A-ICPMS	sept 28 - met	1
				10/12/2006		ICP-W	sept 28 - met	1
L74133-03E				10/12/2006	Aqueous-Dissolved	3005A-Diss	sept 28 - dis met	1
				10/12/2006		6020-W-DISS	sept 28 - dis met	1
				10/12/2006		HARD	sept 28 - dis met	1

WORK ORDER Summary

28-Sep-06

Work Order L74133

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ / Footnote report, pH received outside of hold. Filter and preserve for dismetals

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74133-03E	Sulfer Spring	9/27/2006 9:00:00 AM	9/28/2006	10/12/2006	Aqueous-Dissolved	ICP-W-DIS	sept 28 - dis met	1
L74133-03F				10/12/2006	Aqueous	OGB-W	ogb	1
L74133-04A	Mud Creek	9/27/2006 9:15:00 AM		10/12/2006		SS	ww - tss/tds/ss	1
				10/12/2006		TDS-W	ww - tss/tds/ss	1
				10/12/2006		TSS-W	ww - tss/tds/ss	1
L74133-04B				10/12/2006		2320B-ALK-W	sept 28 - wc	1
				10/12/2006		300.0-W	sept 28 - wc	1
				10/12/2006		ACIDITY-W	sept 28 - wc	1
				10/12/2006		NO2-W	sept 28 - wc	1
				10/12/2006		NO3-W	sept 28 - wc	1
				10/12/2006		PH-W	sept 28 - wc	1
				10/12/2006		PO4-O	sept 28 - wc	1
L74133-04C				10/12/2006		NH3-W	sept 28 - nh3	1
				10/12/2006		NH3-W-PREP	sept 28 - nh3	1
L74133-04D				10/12/2006		3005A-ICPMS	sept 28 - met	1
				10/12/2006		ICP-W	sept 28 - met	1
L74133-04E				10/12/2006	Aqueous-Dissolved	3005A-Diss	sept 28 - dis met	1
				10/12/2006		6020-W-DISS	sept 28 - dis met	1
				10/12/2006		HARD	sept 28 - dis met	1
				10/12/2006		ICP-W-DIS	sept 28 - dis met	1
L74133-04F				10/12/2006	Aqueous	OGB-W	ogb	1
L74133-05A	Angle Spring	9/27/2006 10:00:00 AM		10/12/2006		SS	ww - tss/tds/ss	1
				10/12/2006		TDS-W	ww - tss/tds/ss	1
				10/12/2006		TSS-W	ww - tss/tds/ss	1
L74133-05B				10/12/2006		2320B-ALK-W	sept 28 - wc	1
				10/12/2006		300.0-W	sept 28 - wc	1
				10/12/2006		ACIDITY-W	sept 28 - wc	1
				10/12/2006		NO2-W	sept 28 - wc	1

WORK ORDER Summary

28-Sep-06

Work Order L74133

Client ID: WHI100 **QC Level:** QC 2+

Project: Scofield Baseline **Location:**

Comments: QCLevel: QC 2+ / Footnote report, pH received outside of hold. Filter and preserve for dismetals

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L74133-05B	Angle Spring	9/27/2006 10:00:00 AM	9/28/2006	10/12/2006	Aqueous	NO3-W	sept 28 - wc	1
				10/12/2006		PH-W	sept 28 - wc	1
				10/12/2006		PO4-O	sept 28 - wc	1
L74133-05C				10/12/2006		NH3-W	sept 28 - nh3	1
				10/12/2006		NH3-W-PREP	sept 28 - nh3	1
L74133-05D				10/12/2006		3005A-ICPMS	sept 28 - met	1
				10/12/2006		ICP-W	sept 28 - met	1
L74133-05E				10/12/2006	Aqueous-Dissolved	3005A-Diss	sept 28 - dis met	1
				10/12/2006		6020-W-DISS	sept 28 - dis met	1
				10/12/2006		HARD	sept 28 - dis met	1
				10/12/2006		ICP-W-DIS	sept 28 - dis met	1
L74133-05F				10/12/2006	Aqueous	OGB-W	ogb	1
L74133-06A	CR-06-03-ABV	9/27/2006 11:00:00 AM		10/12/2006		TDS-W	ww - tds	1
L74133-06B				10/12/2006		2320B-ALK-W	sept 28 wc	1
				10/12/2006		300.0-W	sept 28 wc	1
				10/12/2006		ACIDITY-W	sept 28 wc	1
				10/12/2006		NO2-W	sept 28 wc	1
				10/12/2006		NO3-W	sept 28 wc	1
				10/12/2006		PH-W	sept 28 wc	1
				10/12/2006		PO4-O	sept 28 wc	1
L74133-06C				10/12/2006		NH3-W	sept 28 - nh3	1
				10/12/2006		NH3-W-PREP	sept 28 - nh3	1
L74133-06D				10/12/2006		3005A-ICPMS	sept 28 - met	1
				10/12/2006		ICP-W	sept 28 - met	1
L74133-06E				10/12/2006	Aqueous-Dissolved	3005A-Diss	sept 28 - dis met	1
				10/12/2006		6020-W-DISS	sept 28 - dis met	1
				10/12/2006		HARD	sept 28 - dis met	1
				10/12/2006		ICP-W-DIS	sept 28 - dis met	1

Client CARBON RESOURCES / ROCK LOGIC

Address PO BOX 544

CEDAREDGE CO 81413
City State Zip

Phone 435 851-9044 Fax

Contact BRAD LINDSAY

E-mail LINDSAY.BRAD@GMAIL.COM

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 74133

Page _____ of _____

Turn Around Time (Circle One)

1 day | 2 day | 3 day | 4 day | 5 day | (Standard)

QC 1 | 2 | 2+ | 3 | 3+ | 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3	TABLE 4	pH								COMMENTS
MILLER OUTLET	9-27-06 8:30	W	6	✓		✓								
RES-1	8:45		6	✓		✓								
SULFER SPRING	9:00		6	✓		✓								
MUD CREEK	9:15		6	✓		✓								
ANGLE SPRING	10:00		6	✓		✓								
CR-06-03-ABV	11:00		5		✓	✓								

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes: UPS

2 Ambient or (Chilled)
Notes:

3 Temperature 1.5°

4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:

5 Properly Preserved
(Y) N
Notes:

6 Received Within Holding Times
Y (N)
Notes:
pH

COC Tape Was:

1 Present on Outer Package
(Y) N NA

2 Unbroken on Outer Package
(Y) N NA

3 Present on Sample
Y N NA

4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 16:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 9-28-06	Received By: Signature
PRINT NAME	Time 1005	PRINT NAME Tom Hayward

Special Instructions:

PLEASE FILTER FOR DISOLVED METALS

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

TABLE 4

Utah Division of Oil, Gas & Mining
Ground Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS		REPORTED AS
*	-	Water level or Flow		Depth, Flow
*	-	pH		Standard units
*	-	Specific Conductivity		umhos/cm @ 25° C
*	-	Temperature		°C
		LABORATORY MEASUREMENTS		
*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 24183

Preservation Check Sheet

			Sample Set Extension and pH															
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4																	
Nutrients[1]	pH <2 H_2SO_4																	
O & G	pH <2 HCL	✓																
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

November 30, 2007

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Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX

RE: Scofield Baseline

Lab Set ID: L81026

Dear Brad Lindsay:

American West Analytical Labs received 5 samples on 11/14/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L81026-01E
Field Sample ID: **Mud Creek**
Collected: 11/12/2007 1:15:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/27/2007 4:18:00 PM	6010B	0.050	**0.24**
Manganese	mg/L	11/27/2007 4:18:00 PM	6010B	0.0050	**0.022**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L81026-02E
Field Sample ID: **Sulfur Spring**
Collected: 11/12/2007 2:50:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/27/2007 4:34:00 PM	6010B	0.050	< 0.050
Manganese	mg/L	11/27/2007 4:34:00 PM	6010B	0.0050	**0.028**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L81026-03E
Field Sample ID: **RES-1**
Collected: 11/12/2007 3:30:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/27/2007 4:38:00 PM	6010B	0.050	**0.77**
Manganese	mg/L	11/27/2007 4:38:00 PM	6010B	0.0050	**0.11**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L81026-04E
Field Sample ID: **Miller Outlet**
Collected: 11/12/2007 12:30:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/27/2007 4:42:00 PM	6010B	0.050	**0.64**
Manganese	mg/L	11/27/2007 4:42:00 PM	6010B	0.0050	**0.031**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L81026-05E
Field Sample ID: **Aspen Spring**
Collected: 11/12/2007 5:30:00 PM
Received: 11/14/2007

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Laboratory Director

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/27/2007 4:46:00 PM	6010B	0.050	**5.2**
Manganese	mg/L	11/27/2007 4:46:00 PM	6010B	0.0050	**0.90**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L81026-01F
Field Sample ID: **Mud Creek**
Collected: 11/12/2007 1:15:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/27/2007 2:29:00 PM	6010B	0.10	< 0.10	1
Arsenic	mg/L	11/16/2007 5:13:37 PM	6020	0.00060	< 0.00060	
Boron	mg/L	11/27/2007 2:29:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/16/2007 5:13:37 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	11/27/2007 1:51:00 PM	6010B	10	**62**	#
Copper	mg/L	11/16/2007 5:13:37 PM	6020	0.00080	**0.0020**	
Iron	mg/L	11/27/2007 2:29:00 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/16/2007 5:13:37 PM	6020	0.00010	**0.00025**	
Magnesium	mg/L	11/27/2007 2:29:00 PM	6010B	1.0	**40**	
Manganese	mg/L	11/16/2007 5:13:37 PM	6020	0.0012	**0.011**	
Molybdenum	mg/L	11/27/2007 2:29:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/27/2007 2:29:00 PM	6010B	1.0	**5.2**	
Selenium	mg/L	11/16/2007 5:13:37 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	11/27/2007 1:51:00 PM	6010B	10	**31**	#
Zinc	mg/L	11/16/2007 5:13:37 PM	6020	0.0054	**0.0055**	

 # The reporting limits were raised due to high analyte concentration.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L81026-02F
Field Sample ID: **Sulfur Spring**
Collected: 11/12/2007 2:50:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/27/2007 2:45:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/16/2007 5:56:24 PM	6020	0.00060	< 0.00060	
Boron	mg/L	11/27/2007 2:45:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/16/2007 5:56:24 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	11/27/2007 2:03:00 PM	6010B	10	**86**	#
Copper	mg/L	11/16/2007 5:56:24 PM	6020	0.00080	**0.0012**	
Iron	mg/L	11/27/2007 2:45:00 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/16/2007 5:56:24 PM	6020	0.00010	< 0.00010	
Magnesium	mg/L	11/27/2007 2:45:00 PM	6010B	1.0	**36**	
Manganese	mg/L	11/16/2007 5:56:24 PM	6020	0.0012	**0.028**	
Molybdenum	mg/L	11/27/2007 2:45:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/27/2007 2:45:00 PM	6010B	1.0	**4.4**	
Selenium	mg/L	11/16/2007 5:56:24 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	11/27/2007 2:45:00 PM	6010B	1.0	**8.8**	
Zinc	mg/L	11/16/2007 5:56:24 PM	6020	0.0054	**0.0064**	

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L81026-03F
Field Sample ID: **RES-1**
Collected: 11/12/2007 3:30:00 PM
Received: 11/14/2007

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/27/2007 2:49:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/16/2007 6:01:49 PM	6020	0.00060	< 0.00060	
Boron	mg/L	11/27/2007 2:49:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/16/2007 6:01:49 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	11/27/2007 2:07:00 PM	6010B	10	**63**	#
Copper	mg/L	11/16/2007 6:01:49 PM	6020	0.00080	**0.0018**	
Iron	mg/L	11/27/2007 2:49:00 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/16/2007 6:01:49 PM	6020	0.00010	< 0.00010	
Magnesium	mg/L	11/27/2007 2:49:00 PM	6010B	1.0	**38**	
Manganese	mg/L	11/16/2007 6:01:49 PM	6020	0.0012	**0.052**	
Molybdenum	mg/L	11/27/2007 2:49:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/27/2007 2:49:00 PM	6010B	1.0	**6.4**	
Selenium	mg/L	11/16/2007 6:01:49 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	11/27/2007 2:07:00 PM	6010B	10	**32**	#
Zinc	mg/L	11/16/2007 6:01:49 PM	6020	0.0054	< 0.0054	

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L81026-04F
Field Sample ID: **Miller Outlet**
Collected: 11/12/2007 12:30:00 PM
Received: 11/14/2007

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/27/2007 2:53:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/16/2007 6:07:15 PM	6020	0.00060	< 0.00060	
Boron	mg/L	11/27/2007 2:53:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/16/2007 6:07:15 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	11/27/2007 2:11:00 PM	6010B	10	**74**	#
Copper	mg/L	11/16/2007 6:07:15 PM	6020	0.00080	**0.0012**	
Iron	mg/L	11/27/2007 2:53:00 PM	6010B	0.050	< 0.050	
Lead	mg/L	11/16/2007 6:07:15 PM	6020	0.00010	< 0.00010	
Magnesium	mg/L	11/27/2007 2:53:00 PM	6010B	1.0	**17**	
Manganese	mg/L	11/16/2007 6:07:15 PM	6020	0.0012	**0.0070**	
Molybdenum	mg/L	11/27/2007 2:53:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/27/2007 2:53:00 PM	6010B	1.0	**1.7**	
Selenium	mg/L	11/16/2007 6:07:15 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	11/27/2007 2:53:00 PM	6010B	1.0	**6.3**	
Zinc	mg/L	11/16/2007 6:07:15 PM	6020	0.0054	< 0.0054	

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L81026-05F
Field Sample ID: **Aspen Spring**
Collected: 11/12/2007 5:30:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	11/27/2007 2:57:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	11/16/2007 6:12:40 PM	6020	0.00060	**0.0016**	
Boron	mg/L	11/27/2007 2:57:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	11/16/2007 6:12:40 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	11/27/2007 2:15:00 PM	6010B	10	**64**	#
Copper	mg/L	11/16/2007 6:12:40 PM	6020	0.00080	**0.0020**	
Iron	mg/L	11/27/2007 2:57:00 PM	6010B	0.050	**1.5**	
Lead	mg/L	11/16/2007 6:12:40 PM	6020	0.00010	< 0.00010	
Magnesium	mg/L	11/27/2007 2:57:00 PM	6010B	1.0	**13**	
Manganese	mg/L	11/16/2007 6:12:40 PM	6020	0.0012	**0.75**	
Molybdenum	mg/L	11/27/2007 2:57:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	11/27/2007 2:57:00 PM	6010B	1.0	**15**	
Selenium	mg/L	11/16/2007 6:12:40 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	11/27/2007 2:57:00 PM	6010B	1.0	**27**	
Zinc	mg/L	11/16/2007 6:12:40 PM	6020	0.0054	< 0.0054	

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab Sample ID: L81026-01
Field Sample ID: **Mud Creek**
Collected: 11/12/2007 1:15:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	11/15/2007 7:30:00 AM	2310B	15	< 15	
Alkalinity,(AsCaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**230**	
Ammonia (as N)	mg/L	11/15/2007 6:50:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**230**	
Carbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	< 20	
Chloride	mg/L	11/21/2007 12:13:50 AM	300.0	5.0	**6.9**	
Hardness (as CaCO3)	mg/L	11/27/2007	2340B	10	**320**	
Nitrate (as N)	mg/L	11/14/2007 11:16:00 AM	353.2	0.010	**0.16**	[1]
Nitrite (as N)	mg/L	11/14/2007 11:16:00 AM	353.2	0.010	< 0.010	[1@]
Oil & Grease	mg/L	11/18/2007 1:15:00 PM	1664A	3.0	< 3.0	
Phosphate, ortho (as P)	mg/L	11/14/2007 1:31:00 PM	365.1	0.050	< 0.050	[1H]
SettleableSolids	ml/L	11/14/2007 11:30:00 AM	2540F	0.10	< 0.10	
Sulfate	mg/L	11/21/2007 12:13:50 AM	300.0	5.0	**64**	
TDS	mg/L	11/14/2007 3:15:00 PM	160.1	20	**450**	
TSS	mg/L	11/14/2007 4:30:00 PM	2540D	3.0	**12**	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
@ High RPD due to suspected matrix interference.
H -Inadequate time given to run within hold time.
[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab Sample ID: L81026-02
Field Sample ID: **SulfurSpring**
Collected: 11/12/2007 2:50:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/15/2007 7:30:00 AM	2310B	15	< 15
Alkalinity,(AsCaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	11/15/2007 6:55:00 PM	350.1	0.050	**0.085**
Bicarbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/21/2007 12:47:06 AM	300.0	5.0	**6.0**
Hardness (as CaCO3)	mg/L	11/27/2007	2340B	10	**360**
Nitrate (as N)	mg/L	11/14/2007 2:02:00 PM	353.2	0.010	< 0.010 [1]
Nitrite (as N)	mg/L	11/14/2007 2:02:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/18/2007 1:15:00 PM	1664A	3.0	**4.2**
Phosphate, ortho (as P)	mg/L	11/14/2007 1:31:00 PM	365.1	0.050	< 0.050
SettleableSolids	ml/L	11/14/2007 11:30:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/21/2007 12:47:06 AM	300.0	5.0	**43**
TDS	mg/L	11/14/2007 3:15:00 PM	160.1	20	**440**
TSS	mg/L	11/14/2007 4:30:00 PM	2540D	3.0	< 3.0

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab Sample ID: L81026-03
Field Sample ID: **RES-1**
Collected: 11/12/2007 3:30:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/15/2007 7:30:00 AM	2310B	15	< 15
Alkalinity,(AsCaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	11/15/2007 6:55:00 PM	350.1	0.050	**0.055**
Bicarbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/21/2007 2:26:59 AM	300.0	5.0	**19**
Hardness (as CaCO3)	mg/L	11/27/2007	2340B	10	**310**
Nitrate (as N)	mg/L	11/14/2007 2:02:00 PM	353.2	0.010	**0.011**
Nitrite (as N)	mg/L	11/14/2007 2:02:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/18/2007 1:15:00 PM	1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	11/14/2007 1:31:00 PM	365.1	0.050	< 0.050
SettleableSolids	ml/L	11/14/2007 11:30:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/21/2007 2:26:59 AM	300.0	5.0	**120**
TDS	mg/L	11/14/2007 3:15:00 PM	160.1	20	**470**
TSS	mg/L	11/14/2007 4:30:00 PM	2540D	3.0	**18**

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab SampleID: L81026-04
Field SampleID: **Miller Outlet**
Collected: 11/12/2007 12:30:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	11/15/2007 7:30:00 AM	2310B	15	< 15	
Alkalinity,(AsCaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**240**	
Ammonia (as N)	mg/L	11/15/2007 6:56:00 PM	350.1	0.050	**0.054**	
Bicarbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**240**	
Carbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	10	< 10	
Chloride	mg/L	11/21/2007 3:00:16 AM	300.0	5.0	**9.7**	
Hardness (as CaCO3)	mg/L	11/27/2007	2340B	10	**250**	
Nitrate (as N)	mg/L	11/14/2007 11:16:00 AM	353.2	0.010	**0.078**	
Nitrite (as N)	mg/L	11/14/2007 11:16:00 AM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	11/18/2007 1:15:00 PM	1664A	3.0	**3.2**	
Phosphate, ortho (as P)	mg/L	11/14/2007 1:31:00 PM	365.1	0.050	< 0.050	H
SettleableSolids	ml/L	11/14/2007 11:30:00 AM	2540F	0.10	< 0.10	
Sulfate	mg/L	11/21/2007 3:00:16 AM	300.0	5.0	**25**	
TDS	mg/L	11/14/2007 3:15:00 PM	160.1	20	**320**	
TSS	mg/L	11/14/2007 4:30:00 PM	2540D	3.0	**26**	

H.-Inadequate time given to run within hold time.

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
Contact: BradLindsay
ProjectID: ScofieldBaseline

LabSampleID: L81026-05
FieldSampleID: **AspenSpring**
Collected: 11/12/2007 5:30:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	11/15/2007 7:30:00 AM	2310B	15	< 15
Alkalinity,(AsCaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	11/15/2007 6:57:00 PM	350.1	0.050	**0.093**
Bicarbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/21/2007 3:33:33 AM	300.0	10	**26**
Hardness (as CaCO3)	mg/L	11/27/2007	2340B	10	**210**
Nitrate (as N)	mg/L	11/14/2007 2:02:00 PM	353.2	0.010	**0.36**
Nitrite (as N)	mg/L	11/14/2007 2:02:00 PM	353.2	0.010	**0.012**
Oil & Grease	mg/L	11/21/2007 12:20:00 PM	1664A	3.0	**5.1**
Phosphate, ortho (as P)	mg/L	11/14/2007 1:31:00 PM	365.1	0.050	< 0.050
SettleableSolids	ml/L	11/14/2007 11:30:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/27/2007 10:23:59 AM	300.0	1.0	**1.7**
TDS	mg/L	11/14/2007 3:15:00 PM	160.1	20	**340**
TSS	mg/L	11/14/2007 4:30:00 PM	2540D	3.0	**27**

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab Sample ID: L81026-01
Field Sample ID: **Mud Creek**
Collected: 11/12/2007 1:15:00 PM
Received: 11/14/2007

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Kyle F. Gross
Laboratory Director

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	11/15/2007 7:30:00 AM	2310B	15	< 15	
Alkalinity,(AsCaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**230**	
Ammonia (as N)	mg/L	11/15/2007 6:50:00 PM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	**230**	
Carbonate (As CaCO3)	mg/L	11/15/2007 7:00:00 AM	2320B	20	< 20	
Chloride	mg/L	11/21/2007 12:13:50 AM	300.0	5.0	**6.9**	
Hardness (as CaCO3)	mg/L	11/27/2007	2340B	10	**320**	
Nitrate (as N)	mg/L	11/14/2007 11:16:00 AM	353.2	0.010	**0.16**	[1]
Nitrite (as N)	mg/L	11/14/2007 11:16:00 AM	353.2	0.010	< 0.010	[1@]
Oil & Grease	mg/L	11/18/2007 1:15:00 PM	1664A	3.0	< 3.0	
Phosphate, ortho (as P)	mg/L	11/14/2007 1:31:00 PM	365.1	0.050	< 0.050	[1H]
SettleableSolids	ml/L	11/14/2007 11:30:00 AM	2540F	0.10	< 0.10	
Sulfate	mg/L	11/21/2007 12:13:50 AM	300.0	5.0	**64**	
TDS	mg/L	11/14/2007 3:15:00 PM	160.1	20	**450**	
TSS	mg/L	11/14/2007 4:30:00 PM	2540D	3.0	**12**	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
@ High RPD due to suspected matrix interference.
H -Inadequate time given to run within hold time.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-37696	Arsenic	mg/L	6020	0.2083	0.2	0	104	85-115				11/16/2007
LCS-37696	Cadmium	mg/L	6020	0.2000	0.2	0	100	85-115				11/16/2007
LCS-37696	Copper	mg/L	6020	0.1981	0.2	0	99.1	85-115				11/16/2007
LCS-37696	Lead	mg/L	6020	0.2044	0.2	0	102	85-115				11/16/2007
LCS-37696	Manganese	mg/L	6020	0.2000	0.2	0	100	85-115				11/16/2007
LCS-37696	Selenium	mg/L	6020	0.2084	0.2	0	104	85-115				11/16/2007
LCS-37696	Zinc	mg/L	6020	1.006	1	0	101	85-115				11/16/2007
LCS-37697	Iron	mg/L	6010B	1.085	1	0	109	75-125				11/27/2007
LCS-37697	Manganese	mg/L	6010B	0.1993	0.2	0	99.6	75-125				11/27/2007
LCS-37696	Aluminum	mg/L	6010B	0.9348	1	0	93.5	75-125				11/27/2007
LCS-37696	Boron	mg/L	6010B	1.083	1	0	108	75-125				11/27/2007
LCS-37696	Calcium	mg/L	6010B	10.23	10	0.03474	102	75-125				11/27/2007
LCS-37696	Iron	mg/L	6010B	1.047	1	0	105	75-125				11/27/2007
LCS-37696	Magnesium	mg/L	6010B	10.21	10	0	102	75-125				11/27/2007
LCS-37696	Molybdenum	mg/L	6010B	0.1974	0.2	0	98.7	75-125				11/27/2007
LCS-37696	Potassium	mg/L	6010B	9.966	10	0	99.7	75-125				11/27/2007
LCS-37696	Sodium	mg/L	6010B	10.12	10	0	101	75-125				11/27/2007

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-37696	Arsenic	mg/L	6020	< 0.00060				-				11/16/2007
MB-37696	Cadmium	mg/L	6020	< 0.00018				-				11/16/2007
MB-37696	Copper	mg/L	6020	< 0.00080				-				11/16/2007
MB-37696	Lead	mg/L	6020	< 0.00010				-				11/16/2007
MB-37696	Manganese	mg/L	6020	< 0.0012				-				11/16/2007
MB-37696	Selenium	mg/L	6020	< 0.00080				-				11/16/2007
MB-37696	Zinc	mg/L	6020	< 0.0054				-				11/16/2007
MB-37697	Iron	mg/L	6010B	< 0.050				-				11/27/2007
MB-37697	Manganese	mg/L	6010B	< 0.0050				-				11/27/2007
MB-37696	Aluminum	mg/L	6010B	< 0.10				-				11/27/2007
MB-37696	Boron	mg/L	6010B	< 0.50				-				11/27/2007
MB-37696	Calcium	mg/L	6010B	< 1.0				-				11/27/2007
MB-37696	Iron	mg/L	6010B	< 0.050				-				11/27/2007
MB-37696	Magnesium	mg/L	6010B	< 1.0				-				11/27/2007
MB-37696	Molybdenum	mg/L	6010B	< 0.040				-				11/27/2007
MB-37696	Potassium	mg/L	6010B	< 1.0				-				11/27/2007
MB-37696	Sodium	mg/L	6010B	< 1.0				-				11/27/2007

All analyses applicable [redacted]A, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]his report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any me[redacted]s staff, or reproduction of this report in connectio[redacted] advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted]for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspe[redacted]for analysis in good faith and according to the rule[redacted]e trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L81026-01FMS	Arsenic	mg/L	6020	0.2108	0.2	0.000166	105	70-130				11/16/2007
L81026-01FMS	Cadmium	mg/L	6020	0.2047	0.2	0	102	70-130				11/16/2007
L81026-01FMS	Copper	mg/L	6020	0.1930	0.2	0.002013	95.5	70-130				11/16/2007
L81026-01FMS	Lead	mg/L	6020	0.2047	0.2	0.000254	102	70-130				11/16/2007
L81026-01FMS	Manganese	mg/L	6020	0.2107	0.2	0.01064	100	70-130				11/16/2007
L81026-01FMS	Selenium	mg/L	6020	0.2108	0.2	0.000601	105	70-130				11/16/2007
L81026-01FMS	Zinc	mg/L	6020	1.030	1	0.005545	102	70-130				11/16/2007
L81026-01EMS	Iron	mg/L	6010B	1.285	1	0.2436	104	75-125				11/27/2007
L81026-01EMS	Manganese	mg/L	6010B	0.2206	0.2	0.02174	99.4	75-125				11/27/2007
L81041-01HMS	Iron	mg/L	6010B	9.012	1	8.061	95.1	75-125				11/27/2007
L81026-01FMS	Calcium	mg/L	6010B	70.39	10	62.11	82.8	75-125				11/27/2007
L81026-01FMS	Sodium	mg/L	6010B	39.21	10	30.65	85.7	75-125				11/27/2007
L81026-01FMS	Aluminum	mg/L	6010B	0.6358	1	0	63.6	75-125				11/27/2007
L81026-01FMS	Boron	mg/L	6010B	1.333	1	0.3591	97.3	75-125				11/27/2007
L81026-01FMS	Iron	mg/L	6010B	1.108	1	0.01834	109	75-125				11/27/2007
L81026-01FMS	Magnesium	mg/L	6010B	48.19	10	40.1	80.9	75-125				11/27/2007
L81026-01FMS	Molybdenum	mg/L	6010B	0.2070	0.2	0	104	75-125				11/27/2007
L81026-01FMS	Potassium	mg/L	6010B	16.58	10	5.175	114	75-125				11/27/2007

' Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L81026-01FMSD	Arsenic	mg/L	6020	0.2070	0.2	0.000166	103	70-130	1.83	20		11/16/2007
L81026-01FMSD	Cadmium	mg/L	6020	0.2020	0.2	0	101	70-130	1.32	20		11/16/2007
L81026-01FMSD	Copper	mg/L	6020	0.1918	0.2	0.002013	94.9	70-130	0.588	20		11/16/2007
L81026-01FMSD	Lead	mg/L	6020	0.2017	0.2	0.000254	101	70-130	1.49	20		11/16/2007
L81026-01FMSD	Manganese	mg/L	6020	0.2085	0.2	0.01064	98.9	70-130	1.02	20		11/16/2007
L81026-01FMSD	Selenium	mg/L	6020	0.2052	0.2	0.000601	102	70-130	2.69	20		11/16/2007
L81026-01FMSD	Zinc	mg/L	6020	1.009	1	0.005545	100	70-130	2.03	20		11/16/2007
L81026-01EMSD	Iron	mg/L	6010B	1.287	1	0.2436	104	75-125	0.134	20		11/27/2007
L81026-01EMSD	Manganese	mg/L	6010B	0.2219	0.2	0.02174	100	75-125	0.604	20		11/27/2007
L81041-01HMSD	Iron	mg/L	6010B	9.104	1	8.061	104	75-125	1.01	20		11/27/2007
L81026-01FMSD	Calcium	mg/L	6010B	69.84	10	62.11	77.3	75-125	0.781	20		11/27/2007
L81026-01FMSD	Sodium	mg/L	6010B	38.71	10	30.65	80.7	75-125	1.28	20		11/27/2007
L81026-01FMSD	Aluminum	mg/L	6010B	0.6472	1	0	64.7	75-125	1.78	20	[1]	11/27/2007
L81026-01FMSD	Boron	mg/L	6010B	1.322	1	0.3591	96.3	75-125	0.766	20		11/27/2007
L81026-01FMSD	Iron	mg/L	6010B	1.068	1	0.01834	105	75-125	3.66	20		11/27/2007
L81026-01FMSD	Magnesium	mg/L	6010B	47.93	10	40.1	78.3	75-125	0.541	20		11/27/2007
L81026-01FMSD	Molybdenum	mg/L	6010B	0.2011	0.2	0	101	75-125	2.88	20		11/27/2007
L81026-01FMSD	Potassium	mg/L	6010B	16.46	10	5.175	113	75-125	0.712	20		11/27/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L80984-03BDUP	TDS	mg/L	160.1	9800	0	9400		-	4.17	20		11/14/2007
L81013-06DDUP	TDS	mg/L	160.1	512.0	0	500		-	2.37	20		11/14/2007
L81026-05ADUP	TDS	mg/L	160.1	348.0	0	340		-	2.33	20		11/14/2007
L81006-02ADUP	TSS	mg/L	2540D	6.000	0	8		-	28.6	20	*	11/14/2007
L81025-02ADUP	TSS	mg/L	2540D	24.00	0	23		-	4.26	20		11/14/2007
L81026-05ADUP	TSS	mg/L	2540D	28.00	0	27		-	3.64	20		11/14/2007

* High RPD due to low analyte concentration. In this range, high RPD's may be expected.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R76468	Alkalinity,(As CaCO3)	mg/L	2320B	50120	50000	0	100	90-110				11/15/2007
LCS-R76720	Chloride	mg/L	300.0	5.103	5	0.008	102	90-110				11/20/2007
LCS-R76720	Sulfate	mg/L	300.0	5.234	5	0	105	90-110				11/20/2007
LCS-R76878	Chloride	mg/L	300.0	4.641	5	0.008	92.7	90-110				11/26/2007
LCS-R76878	Sulfate	mg/L	300.0	4.691	5	0	93.8	90-110				11/26/2007
LCS-R76469	Acidity	mg/L	2310B	55.00	50	0	110	80-120				11/15/2007
LCS-37688	Ammonia (as N)	mg/L	350.1	0.9850	1	0	98.5	90-110				11/15/2007
LCS-R76422	Nitrite (as N)	mg/L	353.2	0.9000	1	0	90.0	90-110				11/14/2007
LCS-R76440	Nitrite (as N)	mg/L	353.2	0.9430	1	0	94.3	90-110				11/14/2007
LCS-R76421	Nitrate (as N)	mg/L	353.2	0.9840	1	0	98.4	90-110				11/14/2007
LCS-R76441	Nitrate (as N)	mg/L	353.2	1.023	1	0	102	90-110				11/14/2007
LCS-R76635	Oil & Grease	mg/L	1664A	40.30	40	0	101	79-114				11/18/2007
LCS-R76760	Oil & Grease	mg/L	1664A	40.30	40	0	101	79-114				11/21/2007
LCS-R76434	Phosphate, ortho (as P)	mg/L	365.1	0.9060	1	0	90.6	90-110				11/14/2007
LCS-R76498	TDS	mg/L	160.1	218.0	205	0	106	80-120				11/14/2007
LCS-R76479	TSS	mg/L	2540D	95.00	100	0	95.0	80-120				11/14/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R76468	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				11/15/2007
MB-R76468	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				11/15/2007
MB-R76468	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				11/15/2007
MB-R76720	Chloride	mg/L	300.0	< 1.0				-				11/20/2007
MB-R76720	Sulfate	mg/L	300.0	< 1.0				-				11/20/2007
MB-R76878	Chloride	mg/L	300.0	< 1.0				-				11/26/2007
MB-R76878	Sulfate	mg/L	300.0	< 1.0				-				11/26/2007
MB-R76469	Acidity	mg/L	2310B	< 15				-				11/15/2007
MB-37688	Ammonia (as N)	mg/L	350.1	< 0.050				-				11/15/2007
MB-R76422	Nitrite (as N)	mg/L	353.2	< 0.010				-				11/14/2007
MB-R76440	Nitrite (as N)	mg/L	353.2	< 0.010				-				11/14/2007
MB-R76421	Nitrate (as N)	mg/L	353.2	< 0.010				-				11/14/2007
MB-R76441	Nitrate (as N)	mg/L	353.2	< 0.010				-				11/14/2007
MB-R76635	Oil & Grease	mg/L	1664A	< 3.0				-				11/18/2007
MB-R76760	Oil & Grease	mg/L	1664A	< 3.0				-				11/21/2007
MB-R76434	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				11/14/2007
MB-R76498	TDS	mg/L	160.1	< 10				-				11/14/2007
MB-R76479	TSS	mg/L	2540D	< 3.0				-				11/14/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L81026-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	329.0	100	229	100	80-120				11/15/2007
L81013-03CMS	Chloride	mg/L	300.0	46.68	25	22.19	98.0	90-110				11/20/2007
L81026-02BMS	Chloride	mg/L	300.0	54.03	50	6.006	96.1	90-110				11/21/2007
L81026-02BMS	Sulfate	mg/L	300.0	92.79	50	42.63	100	90-110				11/21/2007
L81074-01CMS	Chloride	mg/L	300.0	203.5	100	107.8	95.6	90-110				11/26/2007
L81074-01CMS	Sulfate	mg/L	300.0	158.4	100	58.74	99.7	90-110				11/26/2007
L81105-01CMS	Chloride	mg/L	300.0	1026	500	539.3	97.3	90-110				11/27/2007
L81105-01CMS	Sulfate	mg/L	300.0	509.2	500	16.71	98.5	90-110				11/27/2007
L81026-01BMS	Acidity	mg/L	2310B	52.00	50	0	104	80-120				11/15/2007
L80787-01FMS	Ammonia (as N)	mg/L	350.1	2.118	2	0.304	90.7	90-110				11/15/2007
L81026-01CMS	Ammonia (as N)	mg/L	350.1	0.9630	1	0.032	93.1	90-110				11/15/2007
L81026-01BMS	Nitrite (as N)	mg/L	353.2	1.002	1	0	100	90-110				11/14/2007
L81026-02BMS	Nitrite (as N)	mg/L	353.2	0.9930	1	0	99.3	90-110				11/14/2007
L81026-01BMS	Nitrate (as N)	mg/L	353.2	1.309	1	0.164	114	90-110			[1]	11/14/2007
L81026-02BMS	Nitrate (as N)	mg/L	353.2	1.137	1	0	114	90-110			[1]	11/14/2007
L81026-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.8330	1	0.01	82.3	90-110			[1]H	11/14/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).
H - Inadequate time given to run within hold time.

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QC SUMMARY REPORT

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Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L81026-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	326.0	100	229	97.0	80-120	0.916	10		11/15/2007
L81013-03CMSD	Chloride	mg/L	300.0	46.35	25	22.19	96.7	90-110	0.705	20		11/20/2007
L81026-02BMSD	Chloride	mg/L	300.0	52.91	50	6.006	93.8	90-110	2.10	20		11/21/2007
L81026-02BMSD	Sulfate	mg/L	300.0	90.37	50	42.63	95.5	90-110	2.64	20		11/21/2007
L81074-01CMSD	Chloride	mg/L	300.0	199.1	100	107.8	91.3	90-110	2.16	20		11/26/2007
L81074-01CMSD	Sulfate	mg/L	300.0	155.6	100	58.74	96.8	90-110	1.81	20		11/26/2007
L81105-01CMSD	Chloride	mg/L	300.0	1019	500	539.3	95.9	90-110	0.702	20		11/27/2007
L81105-01CMSD	Sulfate	mg/L	300.0	506.8	500	16.71	98.0	90-110	0.481	20		11/27/2007
L81026-01BMSD	Acidity	mg/L	2310B	50.00	50	0	100	80-120	3.92	20		11/15/2007
L80787-01FMSD	Ammonia (as N)	mg/L	350.1	2.226	2	0.304	96.1	90-110	4.97	10		11/15/2007
L81026-01CMSD	Ammonia (as N)	mg/L	350.1	0.9730	1	0.032	94.1	90-110	1.03	10		11/15/2007
L81026-01BMSD	Nitrite (as N)	mg/L	353.2	1.110	1	0	111	90-110	10.2	10	[1]@	11/14/2007
L81026-02BMSD	Nitrite (as N)	mg/L	353.2	0.9780	1	0	97.8	90-110	1.52	10		11/14/2007
L81026-01BMSD	Nitrate (as N)	mg/L	353.2	1.402	1	0.164	124	90-110	6.86	10	[1]	11/14/2007
L81026-02BMSD	Nitrate (as N)	mg/L	353.2	1.105	1	0	110	90-110	2.85	10	[1]	11/14/2007
L81026-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.8130	1	0.01	80.3	90-110	2.43	10	[1]H	11/14/2007

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

H - Inadequate time given to run within hold time.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R76635	Oil & Grease	mg/L	1664A	38.80	40	0	97.0	79-114				11/18/2007
QCS-R76760	Oil & Grease	mg/L	1664A	37.90	40	0	94.8	79-114				11/21/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L81026
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R76635	Oil & Grease	mg/L	1664A	38.70	40	0	96.8	79-114	0.258	18		11/18/2007
QCSD-R76760	Oil & Grease	mg/L	1664A	37.30	40	0	93.3	79-114	1.60	18		11/21/2007

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American West Analytical Labs

WORK ORDER Summary

14-Nov-07

Work Order L81026

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** Hkd **Contact:** Brad Lindsay

Comments: QCLevel: 2+.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L81026-01A	Mud Creek	11/12/2007 1:15:00 PM	11/14/2007	11/30/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				11/30/2007		TDS-W	ww - tss/tds/ss	1
				11/30/2007		TSS-W-2540D	ww - tss/tds/ss	1
L81026-01B				11/30/2007		2320B-ALK-W	nov 14 - wc	1
				11/30/2007		300.0-W	nov 14 - wc	1
				11/30/2007		ACIDITY-W-2310B	nov 14 - wc	1
				11/30/2007		NO2-W	nov 14 - wc	1
				11/30/2007		NO3-W	nov 14 - wc	1
				11/30/2007		PO4-O	nov 14 - wc	1
L81026-01C				11/30/2007		NH3-W	nov 14 - nh3	1
				11/30/2007		NH3-W-PREP	nov 14 - nh3	1
L81026-01D				11/30/2007		OGB-W	ogb	1
L81026-01E				11/30/2007		3005A-ICPMS	nov 14 - met	1
				11/30/2007		ICP-W	nov 14 - met	1
L81026-01F				11/30/2007	Aqueous-Dissolved	3005A-Diss	nov 14 - dis met	1
				11/30/2007		6020-W-DISS	nov 14 - dis met	1
				11/30/2007		HARD	nov 14 - dis met	1
				11/30/2007		ICP-W-DIS	nov 14 - dis met	1
L81026-02A	Sulfur Spring	11/12/2007 2:50:00 PM		11/30/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				11/30/2007		TDS-W	ww - tss/tds/ss	1
				11/30/2007		TSS-W-2540D	ww - tss/tds/ss	1
L81026-02B				11/30/2007		2320B-ALK-W	nov 14 - wc	1
				11/30/2007		300.0-W	nov 14 - wc	1
				11/30/2007		ACIDITY-W-2310B	nov 14 - wc	1
				11/30/2007		NO2-W	nov 14 - wc	1
				11/30/2007		NO3-W	nov 14 - wc	1
				11/30/2007		PO4-O	nov 14 - wc	1

WORK ORDER Summary

14-Nov-07

Client ID: CAR300 **QC Level:** 2+ **Work Order** L81026

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L81026-02C	Sulfur Spring	11/12/2007 2:50:00 PM	11/14/2007	11/30/2007	Aqueous	NH3-W	nov 14 - nh3	1
				11/30/2007		NH3-W-PREP	nov 14 - nh3	1
L81026-02D				11/30/2007		OGB-W	ogb	1
L81026-02E				11/30/2007		3005A-ICPMS	nov 14 - met	1
				11/30/2007		ICP-W	nov 14 - met	1
L81026-02F				11/30/2007	Aqueous-Dissolved	3005A-Diss	nov 14 - dis met	1
				11/30/2007		6020-W-DISS	nov 14 - dis met	1
				11/30/2007		HARD	nov 14 - dis met	1
				11/30/2007		ICP-W-DIS	nov 14 - dis met	1
L81026-03A	RES-1	11/12/2007 3:30:00 PM		11/30/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				11/30/2007		TDS-W	ww - tss/tds/ss	1
				11/30/2007		TSS-W-2540D	ww - tss/tds/ss	1
L81026-03B				11/30/2007		2320B-ALK-W	nov 14 - wc	1
				11/30/2007		300.0-W	nov 14 - wc	1
				11/30/2007		ACIDITY-W-2310B	nov 14 - wc	1
				11/30/2007		NO2-W	nov 14 - wc	1
				11/30/2007		NO3-W	nov 14 - wc	1
				11/30/2007		PO4-O	nov 14 - wc	1
L81026-03C				11/30/2007		NH3-W	nov 14 - nh3	1
				11/30/2007		NH3-W-PREP	nov 14 - nh3	1
L81026-03D				11/30/2007		OGB-W	ogb	1
L81026-03E				11/30/2007		3005A-ICPMS	nov 14 - met	1
				11/30/2007		ICP-W	nov 14 - met	1
L81026-03F				11/30/2007	Aqueous-Dissolved	3005A-Diss	nov 14 - dis met	1
				11/30/2007		6020-W-DISS	nov 14 - dis met	1
				11/30/2007		HARD	nov 14 - dis met	1
				11/30/2007		ICP-W-DIS	nov 14 - dis met	1
L81026-04A	Miller Outlet	11/12/2007 12:30:00 PM		11/30/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1

WORK ORDER Summary

14-Nov-07

Work Order L81026

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L81026-04A	Miller Outlet	11/12/2007 12:30:00 PM	11/14/2007	11/30/2007	Aqueous	TDS-W	ww - tss/tds/ss	1
				11/30/2007		TSS-W-2540D	ww - tss/tds/ss	1
				11/30/2007		2320B-ALK-W	nov 14 - wc	1
L81026-04B				11/30/2007		300.0-W	nov 14 - wc	1
				11/30/2007		ACIDITY-W-2310B	nov 14 - wc	1
				11/30/2007		NO2-W	nov 14 - wc	1
				11/30/2007		NO3-W	nov 14 - wc	1
				11/30/2007		PO4-O	nov 14 - wc	1
				11/30/2007		NH3-W	nov 14 - nh3	1
L81026-04C				11/30/2007		NH3-W-PREP	nov 14 - nh3	1
				11/30/2007		OGB-W	ogb	1
L81026-04D				11/30/2007		3005A-ICPMS	nov 14 - met	1
L81026-04E				11/30/2007		ICP-W	nov 14 - met	1
				11/30/2007	Aqueous-Dissolved	3005A-Diss	nov 14 - dis met	1
L81026-04F				11/30/2007		6020-W-DISS	nov 14 - dis met	1
				11/30/2007		HARD	nov 14 - dis met	1
				11/30/2007		ICP-W-DIS	nov 14 - dis met	1
L81026-05A	Aspen Spring	11/12/2007 5:30:00 PM		11/30/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				11/30/2007		TDS-W	ww - tss/tds/ss	1
				11/30/2007		TSS-W-2540D	ww - tss/tds/ss	1
L81026-05B				11/30/2007		2320B-ALK-W	nov 14 - wc	1
				11/30/2007		300.0-W	nov 14 - wc	1
				11/30/2007		ACIDITY-W-2310B	nov 14 - wc	1
				11/30/2007		NO2-W	nov 14 - wc	1
				11/30/2007		NO3-W	nov 14 - wc	1
				11/30/2007		PO4-O	nov 14 - wc	1
				11/30/2007		NH3-W	nov 14 - nh3	1
L81026-05C				11/30/2007		NH3-W-PREP	nov 14 - nh3	1

WORK ORDER Summary

14-Nov-07

Work Order L81026

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L81026-05D	Aspen Spring	11/12/2007 5:30:00 PM	11/14/2007	11/30/2007	Aqueous	OGB-W	ogb	1
L81026-05E				11/30/2007		3005A-ICPMS	nov 14 - met	1
				11/30/2007		ICP-W	nov 14 - met	1
L81026-05F				11/30/2007	Aqueous-Dissolved	3005A-Diss	nov 14 - dis met	1
				11/30/2007		6020-W-DISS	nov 14 - dis met	1
				11/30/2007		HARD	nov 14 - dis met	1
				11/30/2007		ICP-W-DIS	nov 14 - dis met	1

Client CARBON RESOURCES C/O ROCK LOGIC

Address P.O. BOX 544

CEDAREDGE CO 81413
City State Zip

Phone @ 435-851-9044 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGICCONSULTING@gmail.com

Project Name SCOFIELD BASELINE

Project Number/P.O.# —

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 81026

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3	QC LEVEL 1 2 2+ 3 3+ 4 COMMENTS
MUD CREEK	11-12-07 / 13:15	W	6	X	
SULFUR SPRING	11-12-07 / 14:50	W	6	X	
RES-1	11-12-07 / 15:30	W	6	X	
MILLER OUTLET	11-12-07 / 12:30	W	6	X	
ASPEN SPRING	11-12-07 / 17:30	W	6	X	

Relinquished By: Signature	Date	Received By: Signature	
PRINT NAME BRAD LINDSAY	Time 3:00	PRINT NAME UPS	
Relinquished By: Signature UPS	Date 11/14/07	Received By: Signature	
PRINT NAME	Time 10:45	PRINT NAME REBEKAH WINKLER	
Relinquished By: Signature	Date	Received By: Signature	
PRINT NAME	Time	PRINT NAME	
Relinquished By: Signature	Date	Received By: Signature	
PRINT NAME	Time	PRINT NAME	

Special Instructions:

~~FIELD FILTER METALS~~ 11/14/07

Per Brad Lindsay, please filter for metals in lab.
-rw 11/14/07

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered 11/14/07
Notes: UPS

2 Ambient or Chilled
Notes:

3 Temperature 1.5°C

4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:

5 Properly Preserved
(Y) N
Notes:

6 Received Within Holding Times
(Y) N
Notes:

COC Tape Was:

1 Present on Outer Package
Y (N) NA

2 Unbroken on Outer Package
Y N (NA)

3 Present on Sample
Y (N) NA

4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

TABLE 3

½ gallon HDPE
1 L HDPE
1 L HDPE
1 500 mL HNO3
1 250 mL H2SO4
1 amber L HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

LABORATORY MEASUREMENTS

*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 81026

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓														
COD	pH <2 H_2SO_4															
Cyanide	PH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3	pH <2 H_2SO_4															
Nutrients	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols	pH <2 H_2SO_4															
Sulfide	pH > 9NaOH, Zn Acetate															
TKN	pH <2 H_2SO_4															
TOC	pH <2 H_3PO_4															
TOX	pH <2 H_2SO_4															
T PO_4	pH <2 H_2SO_4															
TPH	pH <2 HCL															

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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February 12, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX

RE: Scofield Baseline

Lab Set ID: L76053

Dear Brad Lindsay:

American West Analytical Labs received 3 samples on 2/2/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76053-01E
Field Sample ID: **Mud Creek**
Collected: 1/31/2007 4:30:00 PM
Received: 2/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/7/2007 1:13:19 PM	6010B	0.050	**0.43**
Manganese	mg/L	2/7/2007 1:13:19 PM	6010B	0.0050	**0.030**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76053-02E
Field Sample ID: **Sulfur Spring**
Collected: 1/31/2007 4:45:00 PM
Received: 2/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/7/2007 1:29:09 PM	6010B	0.050	< 0.050
Manganese	mg/L	2/7/2007 1:29:09 PM	6010B	0.0050	**0.027**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76053-03E
Field Sample ID: **Miller Outlet**
Collected: 1/31/2007 5:15:00 PM
Received: 2/2/2007

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Peggy McNicol
QA Officer

TOTAL METALS Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/7/2007 1:33:05 PM	6010B	0.050	**3.6**
Manganese	mg/L	2/7/2007 1:33:05 PM	6010B	0.0050	**0.17**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76053-01F
Field Sample ID: **Mud Creek**
Collected: 1/31/2007 4:30:00 PM
Received: 2/2/2007

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/12/2007 9:31:37 AM	6010B	0.10	< 0.10
Arsenic	mg/L	2/5/2007 2:37:51 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/12/2007 9:31:37 AM	6010B	0.50	< 0.50
Cadmium	mg/L	2/5/2007 2:37:51 PM	6020	0.0040	< 0.0040
Calcium	mg/L	2/12/2007 9:00:58 AM	6010B	10	**72** *
Copper	mg/L	2/5/2007 2:37:51 PM	6020	0.0040	< 0.0040
Iron	mg/L	2/12/2007 9:31:37 AM	6010B	0.050	< 0.050
Lead	mg/L	2/5/2007 2:37:51 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/12/2007 9:31:37 AM	6010B	1.0	**41**
Manganese	mg/L	2/5/2007 2:37:51 PM	6020	0.0050	**0.013**
Molybdenum	mg/L	2/12/2007 9:31:37 AM	6010B	0.10	< 0.10
Potassium	mg/L	2/12/2007 9:31:37 AM	6010B	1.0	**7.1**
Selenium	mg/L	2/5/2007 2:37:51 PM	6020	0.0050	< 0.0050
Sodium	mg/L	2/12/2007 9:31:37 AM	6010B	1.0	**28**
Zinc	mg/L	2/5/2007 2:37:51 PM	6020	0.010	< 0.010

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76053-02F
Field Sample ID: **Sulfur Spring**
Collected: 1/31/2007 4:45:00 PM
Received: 2/2/2007

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/12/2007 9:47:34 AM	6010B	0.10	< 0.10
Arsenic	mg/L	2/5/2007 3:15:34 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/12/2007 9:47:34 AM	6010B	0.50	< 0.50
Cadmium	mg/L	2/5/2007 3:15:34 PM	6020	0.0040	< 0.0040
Calcium	mg/L	2/12/2007 9:12:42 AM	6010B	10	**89** *
Copper	mg/L	2/5/2007 3:15:34 PM	6020	0.0040	< 0.0040
Iron	mg/L	2/12/2007 9:47:34 AM	6010B	0.050	< 0.050
Lead	mg/L	2/5/2007 3:15:34 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/12/2007 9:47:34 AM	6010B	1.0	**37**
Manganese	mg/L	2/5/2007 3:15:34 PM	6020	0.0050	**0.025**
Molybdenum	mg/L	2/12/2007 9:47:34 AM	6010B	0.10	< 0.10
Potassium	mg/L	2/12/2007 9:47:34 AM	6010B	1.0	**5.1**
Selenium	mg/L	2/5/2007 3:15:34 PM	6020	0.0050	< 0.0050
Sodium	mg/L	2/12/2007 9:47:34 AM	6010B	1.0	**8.8**
Zinc	mg/L	2/5/2007 3:15:34 PM	6020	0.010	**0.010**

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76053-03F
Field Sample ID: **Miller Outlet**
Collected: 1/31/2007 5:15:00 PM
Received: 2/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/12/2007 9:51:38 AM	6010B	0.10	< 0.10
Arsenic	mg/L	2/5/2007 3:20:57 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/12/2007 9:51:38 AM	6010B	0.50	< 0.50
Cadmium	mg/L	2/5/2007 3:20:57 PM	6020	0.0040	< 0.0040
Calcium	mg/L	2/12/2007 9:16:38 AM	6010B	10	**90** *
Copper	mg/L	2/5/2007 3:20:57 PM	6020	0.0040	< 0.0040
Iron	mg/L	2/12/2007 9:51:38 AM	6010B	0.050	< 0.050
Lead	mg/L	2/5/2007 3:20:57 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/12/2007 9:51:38 AM	6010B	1.0	**17**
Manganese	mg/L	2/5/2007 3:20:57 PM	6020	0.0050	**0.023**
Molybdenum	mg/L	2/12/2007 9:51:38 AM	6010B	0.10	< 0.10
Potassium	mg/L	2/12/2007 9:51:38 AM	6010B	1.0	**1.9**
Selenium	mg/L	2/5/2007 3:20:57 PM	6020	0.0050	< 0.0050
Sodium	mg/L	2/12/2007 9:51:38 AM	6010B	1.0	**6.3**
Zinc	mg/L	2/5/2007 3:20:57 PM	6020	0.010	**0.027**

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab SampleID: L76053-01
Field SampleID: **Mud Creek**
Collected: 1/31/2007 4:30:00 PM
Received: 2/2/2007

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	2/5/2007 7:30:00 AM	305.1	15	< 15	
Alkalinity,(AsCaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**240**	
Ammonia (as N)	mg/L	2/5/2007 8:45:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**240**	
Carbonate (As CaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	< 20	
Chloride	mg/L	2/2/2007 3:56:46 PM	300.0	5.0	**15**	
Hardness (as CaCO3)	mg/L	2/12/2007	2340B	10	**350**	
Nitrate (as N)	mg/L	2/2/2007 3:14:00 PM	353.2	0.010	**0.27**	[1] @
Nitrite (as N)	mg/L	2/2/2007 3:14:00 PM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	2/9/2007 1:10:00 PM	EPA1664	3.0	**3.4**	
Phosphate, ortho (as P)	mg/L	2/2/2007 11:39:00 AM	365.1	0.050	< 0.050	[1]
SettableSolids	ml/L	2/2/2007 11:00:00 AM	160.5	0.10	**0.15**	
Sulfate	mg/L	2/2/2007 3:56:46 PM	300.0	50	**120**	
TDS	mg/L	2/2/2007 2:00:00 PM	160.1	20	**420**	
TSS	mg/L	2/2/2007 3:30:00 PM	160.2	3.0	**30**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*
@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

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Peggy McNicol
QA Officer

Lab Sample ID: L76053-02
Field Sample ID: **SulfurSpring**
Collected: 1/31/2007 4:45:00 PM
Received: 2/2/2007

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/5/2007 7:30:00 AM	305.1	15	< 15
Alkalinity,(AsCaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	2/5/2007 8:45:00 AM	350.1	0.050	**0.097**
Bicarbonate (As CaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	< 20
Chloride	mg/L	2/2/2007 3:56:46 PM	300.0	1.0	**6.4**
Hardness (as CaCO3)	mg/L	2/12/2007	2340B	10	**370**
Nitrate (as N)	mg/L	2/2/2007 3:14:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	2/2/2007 3:14:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	2/9/2007 1:10:00 PM	EPA1664	3.0	**3.8**
Phosphate, ortho (as P)	mg/L	2/2/2007 11:39:00 AM	365.1	0.050	< 0.050
SettableSolids	ml/L	2/2/2007 11:00:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	2/2/2007 3:56:46 PM	300.0	5.0	**41**
TDS	mg/L	2/2/2007 2:00:00 PM	160.1	20	**390**
TSS	mg/L	2/2/2007 3:30:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: CarbonResources
ProjectID: ScofieldBaseline

Contact: BradLindsay

Lab SampleID: L76053-03
Field SampleID: **Miller Outlet**
Collected: 1/31/2007 5:15:00 PM
Received: 2/2/2007

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/5/2007 7:30:00 AM	305.1	15	< 15
Alkalinity,(AsCaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**280**
Ammonia (as N)	mg/L	2/5/2007 8:45:00 AM	350.1	0.050	**0.055**
Bicarbonate (As CaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**260**
Carbonate (As CaCO3)	mg/L	2/5/2007 7:00:00 AM	2320B	20	**< 20**
Chloride	mg/L	2/2/2007 3:56:46 PM	300.0	2.0	**9.6**
Hardness (as CaCO3)	mg/L	2/12/2007	2340B	10	**290**
Nitrate (as N)	mg/L	2/2/2007 3:14:00 PM	353.2	0.010	**0.92**
Nitrite (as N)	mg/L	2/2/2007 3:14:00 PM	353.2	0.010	**0.010**
Oil & Grease	mg/L	2/9/2007 1:10:00 PM	EPA1664	3.0	**3.5**
Phosphate, ortho (as P)	mg/L	2/2/2007 11:39:00 AM	365.1	0.050	< 0.050
SettableSolids	ml/L	2/2/2007 11:00:00 AM	160.5	0.10	**0.30**
Sulfate	mg/L	2/2/2007 3:56:46 PM	300.0	5.0	**21** [1]
TDS	mg/L	2/2/2007 2:00:00 PM	160.1	20	**310**
TSS	mg/L	2/2/2007 3:30:00 PM	160.2	3.0	**200**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-32823	Arsenic	mg/L	6020	0.2224	0.2	0	111	85-115				2/5/2007
LCS-32823	Cadmium	mg/L	6020	0.2095	0.2	0	105	85-115				2/5/2007
LCS-32823	Copper	mg/L	6020	0.1945	0.2	0	97.3	85-115				2/5/2007
LCS-32823	Lead	mg/L	6020	0.2221	0.2	0	111	85-115				2/5/2007
LCS-32823	Manganese	mg/L	6020	0.2030	0.2	0	101	85-115				2/5/2007
LCS-32823	Selenium	mg/L	6020	0.2122	0.2	0	106	85-115				2/5/2007
LCS-32823	Zinc	mg/L	6020	1.012	1	0.00316	101	85-115				2/5/2007
LCS-32802	Iron	mg/L	6010B	1.086	1	0	109	75-125				2/7/2007
LCS-32802	Manganese	mg/L	6010B	0.2058	0.2	0	103	75-125				2/7/2007
LCS-32823	Aluminum	mg/L	6010B	1.041	1	0	104	75-125				2/12/2007
LCS-32823	Boron	mg/L	6010B	1.080	1	0	108	75-125				2/12/2007
LCS-32823	Calcium	mg/L	6010B	10.70	10	0	107	75-125				2/12/2007
LCS-32823	Iron	mg/L	6010B	1.082	1	0	108	75-125				2/12/2007
LCS-32823	Magnesium	mg/L	6010B	10.65	10	0	107	75-125				2/12/2007
LCS-32823	Molybdenum	mg/L	6010B	0.2089	0.2	0	104	75-125				2/12/2007
LCS-32823	Potassium	mg/L	6010B	10.49	10	0	105	75-125				2/12/2007
LCS-32823	Sodium	mg/L	6010B	10.58	10	0	106	75-125				2/12/2007

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-32823	Arsenic	mg/L	6020	< 0.0050				-				2/5/2007
MB-32823	Cadmium	mg/L	6020	< 0.0040				-				2/5/2007
MB-32823	Copper	mg/L	6020	< 0.0040				-				2/5/2007
MB-32823	Lead	mg/L	6020	< 0.0050				-				2/5/2007
MB-32823	Manganese	mg/L	6020	< 0.0050				-				2/5/2007
MB-32823	Selenium	mg/L	6020	< 0.0050				-				2/5/2007
MB-32823	Zinc	mg/L	6020	< 0.010				-				2/5/2007
MB-32802	Iron	mg/L	6010B	< 0.050				-				2/7/2007
MB-32802	Manganese	mg/L	6010B	< 0.0050				-				2/7/2007
MB-32823	Aluminum	mg/L	6010B	< 0.10				-				2/12/2007
MB-32823	Boron	mg/L	6010B	< 0.50				-				2/12/2007
MB-32823	Calcium	mg/L	6010B	< 1.0				-				2/12/2007
MB-32823	Iron	mg/L	6010B	< 0.050				-				2/12/2007
MB-32823	Magnesium	mg/L	6010B	< 1.0				-				2/12/2007
MB-32823	Molybdenum	mg/L	6010B	< 0.040				-				2/12/2007
MB-32823	Potassium	mg/L	6010B	< 1.0				-				2/12/2007
MB-32823	Sodium	mg/L	6010B	< 1.0				-				2/12/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76053-01FMS	Arsenic	mg/L	6020	0.2382	0.2	0	119	70-130				2/5/2007
L76053-01FMS	Cadmium	mg/L	6020	0.2194	0.2	0	110	70-130				2/5/2007
L76053-01FMS	Copper	mg/L	6020	0.2035	0.2	0	102	70-130				2/5/2007
L76053-01FMS	Lead	mg/L	6020	0.2303	0.2	0	115	70-130				2/5/2007
L76053-01FMS	Manganese	mg/L	6020	0.2292	0.2	0.01303	108	70-130				2/5/2007
L76053-01FMS	Selenium	mg/L	6020	0.2257	0.2	0.003947	111	70-130				2/5/2007
L76053-01FMS	Zinc	mg/L	6020	1.043	1	0.008995	103	70-130				2/5/2007
L76053-01EMS	Iron	mg/L	6010B	1.501	1	0.4257	108	75-125				2/7/2007
L76053-01EMS	Manganese	mg/L	6010B	0.2344	0.2	0.03027	102	75-125				2/7/2007
L76053-01FMS	Calcium	mg/L	6010B	83.14	10	71.97	112	75-125				2/12/2007
L76053-01FMS	Aluminum	mg/L	6010B	1.096	1	0	110	75-125				2/12/2007
L76053-01FMS	Boron	mg/L	6010B	1.233	1	0.1304	110	75-125				2/12/2007
L76053-01FMS	Iron	mg/L	6010B	1.098	1	0	110	75-125				2/12/2007
L76053-01FMS	Magnesium	mg/L	6010B	51.93	10	41.39	105	75-125				2/12/2007
L76053-01FMS	Molybdenum	mg/L	6010B	0.2061	0.2	0	103	75-125				2/12/2007
L76053-01FMS	Potassium	mg/L	6010B	18.82	10	7.146	117	75-125				2/12/2007
L76053-01FMS	Sodium	mg/L	6010B	38.41	10	28.07	103	75-125				2/12/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76053-01FMSD	Arsenic	mg/L	6020	0.2415	0.2	0	121	70-130	1.37	20		2/5/2007
L76053-01FMSD	Cadmium	mg/L	6020	0.2326	0.2	0	116	70-130	5.82	20		2/5/2007
L76053-01FMSD	Copper	mg/L	6020	0.2220	0.2	0	111	70-130	8.71	20		2/5/2007
L76053-01FMSD	Lead	mg/L	6020	0.2418	0.2	0	121	70-130	4.89	20		2/5/2007
L76053-01FMSD	Manganese	mg/L	6020	0.2407	0.2	0.01303	114	70-130	4.89	20		2/5/2007
L76053-01FMSD	Selenium	mg/L	6020	0.2243	0.2	0.003947	110	70-130	0.640	20		2/5/2007
L76053-01FMSD	Zinc	mg/L	6020	1.115	1	0.008995	111	70-130	6.60	20		2/5/2007
L76053-01EMSD	Iron	mg/L	6010B	1.513	1	0.4257	109	75-125	0.841	20		2/7/2007
L76053-01EMSD	Manganese	mg/L	6010B	0.2292	0.2	0.03027	99.5	75-125	2.24	20		2/7/2007
L76053-01FMSD	Calcium	mg/L	6010B	83.29	10	71.97	113	75-125	0.177	20		2/12/2007
L76053-01FMSD	Aluminum	mg/L	6010B	1.026	1	0	103	75-125	6.56	20		2/12/2007
L76053-01FMSD	Boron	mg/L	6010B	1.250	1	0.1304	112	75-125	1.33	20		2/12/2007
L76053-01FMSD	Iron	mg/L	6010B	1.140	1	0	114	75-125	3.68	20		2/12/2007
L76053-01FMSD	Magnesium	mg/L	6010B	52.10	10	41.39	107	75-125	0.326	20		2/12/2007
L76053-01FMSD	Molybdenum	mg/L	6010B	0.2091	0.2	0	105	75-125	1.43	20		2/12/2007
L76053-01FMSD	Potassium	mg/L	6010B	18.84	10	7.146	117	75-125	0.0948	20		2/12/2007
L76053-01FMSD	Sodium	mg/L	6010B	38.62	10	28.07	106	75-125	0.542	20		2/12/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L75998-01BDUP	TDS	mg/L	160.1	14240	0	14280		-	0.281	20		2/2/2007
L76053-03ADUP	TDS	mg/L	160.1	304.0	0	312		-	2.60	20		2/2/2007
L76053-01ADUP	TSS	mg/L	160.2	31.00	0	30		-	3.28	20		2/2/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R66046	Alkalinity,(As CaCO3)	mg/L	2320B	51600	50000	0	103	90-110				2/5/2007
LCS-R66050	Chloride	mg/L	300.0	5.007	5	0	100	90-110				2/2/2007
LCS-R66050	Sulfate	mg/L	300.0	5.396	5	0	108	90-110				2/2/2007
LCS-R66048	Acidity	mg/L	305.1	50.00	50	0	100	80-120				2/5/2007
LCS-32794	Ammonia (as N)	mg/L	350.1	0.9770	1	0	97.7	90-110				2/5/2007
LCS-66027	Nitrite (as N)	mg/L	353.2	1.035	1	0	104	90-110				2/2/2007
LCS-66028	Nitrate (as N)	mg/L	353.2	1.000	1	0	100	90-110				2/2/2007
LCS-R66256	Oil & Grease	mg/L	EPA 1664	39.10	40	0	97.8	79-114				2/9/2007
LCS-66010	Phosphate, ortho (as P)	mg/L	365.1	1.002	1	0	100	90-110				2/2/2007
LCS-R66091	TDS	mg/L	160.1	186.0	205	0	90.7	80-120				2/2/2007
LCS-R66052	TSS	mg/L	160.2	99.00	100	0	99.0	80-120				2/2/2007

All analyses applicable [redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]his report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any mem[redacted]staff, or reproduction of this report in connecti[redacted] advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted]or the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspec[redacted]r analysis in good faith and according to the r[redacted] trade and of science.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R66046	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				2/5/2007
MB-R66046	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				2/5/2007
MB-R66046	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				2/5/2007
MB-R66050	Chloride	mg/L	300.0	< 1.0				-				2/2/2007
MB-R66050	Sulfate	mg/L	300.0	< 1.0				-				2/2/2007
MB-R66048	Acidity	mg/L	305.1	< 15				-				2/5/2007
MB-32794	Ammonia (as N)	mg/L	350.1	< 0.050				-				2/5/2007
MB-66027	Nitrite (as N)	mg/L	353.2	< 0.010				-				2/2/2007
MB-66028	Nitrate (as N)	mg/L	353.2	< 0.010				-				2/2/2007
MB-R66256	Oil & Grease	mg/L	EPA 1664	< 3.0				-				2/9/2007
MB-66010	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				2/2/2007
MB-R66091	TDS	mg/L	160.1	< 10				-				2/2/2007
MB-R66052	TSS	mg/L	160.2	< 3.0				-				2/2/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76053-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	342.0	100	239	103	80-120				2/5/2007
L76053-01BMS	Chloride	mg/L	300.0	39.95	25	14.96	100	90-110				2/2/2007
L76053-01BMS	Sulfate	mg/L	300.0	399.3	250	123.5	110	90-110				2/2/2007
L76053-01BMS	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120				2/5/2007
L76053-01CMS	Ammonia (as N)	mg/L	350.1	0.9840	1	0	98.4	90-110				2/5/2007
L76053-01BMS	Nitrite (as N)	mg/L	353.2	1.085	1	0	108	90-110				2/2/2007
L76053-01BMS	Nitrate (as N)	mg/L	353.2	1.473	1	0.266	121	90-110			'	2/2/2007
L76053-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.165	1	0.008	116	90-110			'	2/2/2007

' Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76053-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	344.0	100	239	105	80-120	0.583	10		2/5/2007
L76053-01BMSD	Chloride	mg/L	300.0	39.99	25	14.96	100	90-110	0.113	20		2/2/2007
L76053-01BMSD	Sulfate	mg/L	300.0	425.2	250	123.5	121	90-110	6.27	20	'	2/2/2007
L76053-01BMSD	Acidity	mg/L	305.1	50.00	50	0	100	80-120	4.08	20		2/5/2007
L76053-01CMSD	Ammonia (as N)	mg/L	350.1	1.000	1	0	100	90-110	1.61	10		2/5/2007
L76053-01BMSD	Nitrite (as N)	mg/L	353.2	1.039	1	0	104	90-110	4.33	10		2/2/2007
L76053-01BMSD	Nitrate (as N)	mg/L	353.2	1.295	1	0.266	103	90-110	12.9	10	@	2/2/2007
L76053-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.122	1	0.008	111	90-110	3.76	10	'	2/2/2007

@ High RPD due to suspected matrix interference.

' Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R66256	Oil & Grease	mg/L	EPA 1664	39.20	40	0	98.0	79-114				2/9/2007

All analyses applicable to CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of trade and of science.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76053
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R66256	Oil & Grease	mg/L	EPA 1664	39.50	40	0	98.8	79-114	0.762	18		2/9/2007

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American West Analytical Labs

WORK ORDER Summary

02-Feb-07

Work Order L76053

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+ HOK-DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76053-01A	Mud Creek	1/31/2007 4:30:00 PM	2/2/2007	2/16/2007	Aqueous	SS	ww - tss/tds/ss	1
				2/16/2007		TDS-W	ww - tss/tds/ss	1
				2/16/2007		TSS-W	ww - tss/tds/ss	1
L76053-01B				2/16/2007		2320B-ALK-W	feb 2 - wc	1
				2/16/2007		300.0-W	feb 2 - wc	1
				2/16/2007		ACIDITY-W	feb 2 - wc	1
				2/16/2007		NO2-W	feb 2 - wc	1
				2/16/2007		NO3-W	feb 2 - wc	1
				2/16/2007		PO4-O	feb 2 - wc	1
L76053-01C				2/16/2007		NH3-W	feb 2 - nh3	1
				2/16/2007		NH3-W-PREP	feb 2 - nh3	1
L76053-01D				2/16/2007		OGB-W	ogb	1
L76053-01E				2/16/2007		3005A-ICPMS	feb 2 - met	1
				2/16/2007		ICP-W	feb 2 - met	1
L76053-01F				2/16/2007	Aqueous-Dissolved	3005A-Diss	feb 2 - met	1
				2/16/2007		6020-W-DISS	feb 2 - met	1
				2/16/2007		HARD	feb 2 - met	1
				2/16/2007		ICP-W-DIS	feb 2 - met	1
L76053-02A	Sulfur Spring	1/31/2007 4:45:00 PM		2/16/2007	Aqueous	SS	ww - tss/tds/ss	1
				2/16/2007		TDS-W	ww - tss/tds/ss	1
				2/16/2007		TSS-W	ww - tss/tds/ss	1
L76053-02B				2/16/2007		2320B-ALK-W	feb 2 - wc	1
				2/16/2007		300.0-W	feb 2 - wc	1
				2/16/2007		ACIDITY-W	feb 2 - wc	1
				2/16/2007		NO2-W	feb 2 - wc	1
				2/16/2007		NO3-W	feb 2 - wc	1
				2/16/2007		PO4-O	feb 2 - wc	1

WORK ORDER Summary

02-Feb-07

Work Order L76053

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76053-02C	Sulfur Spring	1/31/2007 4:45:00 PM	2/2/2007	2/16/2007	Aqueous	NH3-W	feb 2 - nh3	1
				2/16/2007		NH3-W-PREP	feb 2 - nh3	1
L76053-02D				2/16/2007		OGB-W	ogb	1
L76053-02E				2/16/2007		3005A-ICPMS	feb 2 - met	1
				2/16/2007		ICP-W	feb 2 - met	1
L76053-02F				2/16/2007	Aqueous-Dissolved	3005A-Diss	feb 2 - met	1
				2/16/2007		6020-W-DISS	feb 2 - met	1
				2/16/2007		HARD	feb 2 - met	1
				2/16/2007		ICP-W-DIS	feb 2 - met	1
L76053-03A	Miller Outlet	1/31/2007 5:15:00 PM		2/16/2007	Aqueous	SS	ww - tss/tds/ss	1
				2/16/2007		TDS-W	ww - tss/tds/ss	1
				2/16/2007		TSS-W	ww - tss/tds/ss	1
L76053-03B				2/16/2007		2320B-ALK-W	feb 2 - wc	1
				2/16/2007		300.0-W	feb 2 - wc	1
				2/16/2007		ACIDITY-W	feb 2 - wc	1
				2/16/2007		NO2-W	feb 2 - wc	1
				2/16/2007		NO3-W	feb 2 - wc	1
				2/16/2007		PO4-O	feb 2 - wc	1
L76053-03C				2/16/2007		NH3-W	feb 2 - nh3	1
				2/16/2007		NH3-W-PREP	feb 2 - nh3	1
L76053-03D				2/16/2007		OGB-W	ogb	1
L76053-03E				2/16/2007		3005A-ICPMS	feb 2 - met	1
				2/16/2007		ICP-W	feb 2 - met	1
L76053-03F				2/16/2007	Aqueous-Dissolved	3005A-Diss	feb 2 - met	1
				2/16/2007		6020-W-DISS	feb 2 - met	1
				2/16/2007		HARD	feb 2 - met	1
				2/16/2007		ICP-W-DIS	feb 2 - met	1

Client ROCK LOGIC

Address PO BOX 544

CEDAREDGE CO 81413
City State Zip

Phone (435) 851-9044 Fax (970) 856-3400

Contact BRAD LINDSAY

E-mail rocklogic.consulting@gmail.com

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 76053

Page _____ of _____

Turn Around Time (Circle One)

1 day	2 day	3 day	4 day	5 day	~~Standard~~
QC	1	2	2+	3	3+	4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE M										COMMENTS
MUD CREEK	1-31-07/16:30	W	6	✓										
SULFUR SPRING	/16:45	W	6	✓										
MILLER OUTLET	/17:15	W	6	✓										

Please indicate tests needed below

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 18:00	PRINT NAME UPS
Relinquished By: Signature UPS	Date 2/2/07	Received By: Signature
PRINT NAME	Time 10:25	PRINT NAME Rebekah Winkler
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

PLEASE FILTER

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered DB
Notes: UPS

2 Ambient or Chilled
Notes:

3 Temperature 2°

4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:

5 Properly Preserved
Y N
Notes:

6 Received Within Holding Times
Y N
Notes:

COC Tape Was:

1 Present on Outer Package
Y N NA

2 Unbroken on Outer Package
Y N NA

3 Present on Sample
Y N NA

4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 76053

Preservation Check Sheet

		Sample Set Extension and pH																
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4																	
Nutrients[1]	pH <2 H_2SO_4																	
O & G	pH <2 HCL	✓																
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

February 28, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L76314

Dear Brad Lindsay:

American West Analytical Labs received 3 samples on 2/20/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76314-01E
Field Sample ID: **Mud Creek**
Collected: 2/19/2007 11:30:00 AM
Received: 2/20/2007

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/23/2007 12:35:55 PM	6010B	0.050	**0.29**
Manganese	mg/L	2/23/2007 12:35:55 PM	6010B	0.0050	**0.026**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76314-02E
Field Sample ID: **Sulfur Spring**
Collected: 2/19/2007 12:00:00 PM
Received: 2/20/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/23/2007 12:51:42 PM	6010B	0.050	< 0.050
Manganese	mg/L	2/23/2007 12:51:42 PM	6010B	0.0050	**0.027**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76314-03E
Field Sample ID: **Miller Outlet**
Collected: 2/19/2007 12:30:00 PM
Received: 2/20/2007

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Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	2/23/2007 12:55:41 PM	6010B	0.050	**4.3**
Manganese	mg/L	2/23/2007 12:55:41 PM	6010B	0.0050	**0.23**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76314-01F
Field Sample ID: **Mud Creek**
Collected: 2/19/2007 11:30:00 AM
Received: 2/20/2007

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Peggy McNicol
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DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/26/2007 11:15:43 AM	6010B	0.10	< 0.10
Arsenic	mg/L	2/22/2007 5:50:38 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/26/2007 11:15:43 AM	6010B	0.50	< 0.50
Cadmium	mg/L	2/22/2007 5:50:38 PM	6020	0.0040	< 0.0040
Calcium	mg/L	2/26/2007 10:30:11 AM	6010B	10	**77** *
Copper	mg/L	2/22/2007 5:50:38 PM	6020	0.0040	< 0.0040
Iron	mg/L	2/26/2007 11:15:43 AM	6010B	0.050	< 0.050
Lead	mg/L	2/22/2007 5:50:38 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/26/2007 11:15:43 AM	6010B	1.0	**40**
Manganese	mg/L	2/22/2007 5:50:38 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	2/26/2007 11:15:43 AM	6010B	0.10	< 0.10
Potassium	mg/L	2/26/2007 11:15:43 AM	6010B	1.0	**6.9**
Selenium	mg/L	2/22/2007 5:50:38 PM	6020	0.0050	< 0.0050
Sodium	mg/L	2/26/2007 11:15:43 AM	6010B	1.0	**38**
Zinc	mg/L	2/22/2007 5:50:38 PM	6020	0.010	**0.015**

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76314-02F
Field Sample ID: **Sulfur Spring**
Collected: 2/19/2007 12:00:00 PM
Received: 2/20/2007

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	2/26/2007 10:56:48 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	2/22/2007 6:17:36 PM	6020	0.0050	< 0.0050	
Boron	mg/L	2/26/2007 10:56:48 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	2/22/2007 6:17:36 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	2/26/2007 10:41:54 AM	6010B	10	**94**	*
Copper	mg/L	2/22/2007 6:17:36 PM	6020	0.0040	< 0.0040	
Iron	mg/L	2/26/2007 10:56:48 AM	6010B	0.050	< 0.050	
Lead	mg/L	2/22/2007 6:17:36 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	2/26/2007 10:56:48 AM	6010B	1.0	**36**	
Manganese	mg/L	2/22/2007 6:17:36 PM	6020	0.0050	< 0.0050	
Molybdenum	mg/L	2/26/2007 10:56:48 AM	6010B	0.10	< 0.10	
Potassium	mg/L	2/26/2007 10:56:48 AM	6010B	1.0	**4.9**	
Selenium	mg/L	2/22/2007 6:17:36 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	2/26/2007 10:56:48 AM	6010B	1.0	**8.0**	
Zinc	mg/L	2/22/2007 6:17:36 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76314-03F
Field Sample ID: **Miller Outlet**
Collected: 2/19/2007 12:30:00 PM
Received: 2/20/2007

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	2/26/2007 11:00:44 AM	6010B	0.10	< 0.10
Arsenic	mg/L	2/22/2007 6:22:59 PM	6020	0.0050	< 0.0050
Boron	mg/L	2/26/2007 11:00:44 AM	6010B	0.50	< 0.50
Cadmium	mg/L	2/22/2007 6:22:59 PM	6020	0.0040	< 0.0040
Calcium	mg/L	2/26/2007 10:45:48 AM	6010B	10	**94** *
Copper	mg/L	2/22/2007 6:22:59 PM	6020	0.0040	< 0.0040
Iron	mg/L	2/26/2007 11:00:44 AM	6010B	0.050	< 0.050
Lead	mg/L	2/22/2007 6:22:59 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	2/26/2007 11:00:44 AM	6010B	1.0	**17**
Manganese	mg/L	2/22/2007 6:22:59 PM	6020	0.0050	< 0.0050
Molybdenum	mg/L	2/26/2007 11:00:44 AM	6010B	0.10	< 0.10
Potassium	mg/L	2/26/2007 11:00:44 AM	6010B	1.0	**1.7**
Selenium	mg/L	2/22/2007 6:22:59 PM	6020	0.0050	< 0.0050
Sodium	mg/L	2/26/2007 11:00:44 AM	6010B	1.0	**5.5**
Zinc	mg/L	2/22/2007 6:22:59 PM	6020	0.010	**0.021**

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76314-01
Field Sample ID: **Mud Creek**
Collected: 2/19/2007 11:30:00 AM
Received: 2/20/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/21/2007 6:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	**240**
Ammonia (as N)	mg/L	2/22/2007 10:55:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	**240**
Carbonate (As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	10	< 10
Chloride	mg/L	2/21/2007 11:33:00 AM	300.0	5.0	**18**
Hardness (as CaCO3)	mg/L	2/26/2007 11:15:43 AM	2340B	10	**360**
Nitrate (as N)	mg/L	2/21/2007 7:36:00 AM	353.2	0.010	**0.30**
Nitrite (as N)	mg/L	2/21/2007 7:36:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	2/27/2007 12:50:00 PM	EPA 1664	3.0	**3.7**
Phosphate, ortho (as P)	mg/L	2/21/2007 9:57:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	2/21/2007 10:00:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	2/21/2007 11:33:00 AM	300.0	50	**150**
TDS	mg/L	2/22/2007 2:00:00 PM	160.1	10	**440**
TSS	mg/L	2/21/2007 3:15:00 PM	160.2	3.0	**14**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76314-02
Field Sample ID: **Sulfur Spring**
Collected: 2/19/2007 12:00:00 PM
Received: 2/20/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/21/2007 6:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	**290**
Ammonia (as N)	mg/L	2/22/2007 10:55:00 AM	350.1	0.050	**0.10**
Bicarbonate (As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	**290**
Carbonate (As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	10	< 10
Chloride	mg/L	2/21/2007 1:46:00 PM	300.0	1.0	**6.6**
Hardness (as CaCO3)	mg/L	2/26/2007 10:56:48 AM	2340B	10	**380**
Nitrate (as N)	mg/L	2/21/2007 7:36:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	2/21/2007 7:36:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	2/27/2007 12:50:00 PM	EPA 1664	3.0	**3.6**
Phosphate, ortho (as P)	mg/L	2/21/2007 9:57:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	2/21/2007 10:00:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	2/21/2007 1:46:00 PM	300.0	5.0	**42**
TDS	mg/L	2/22/2007 2:00:00 PM	160.1	10	**340**
TSS	mg/L	2/21/2007 3:15:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76314-03
Field Sample ID: **Miller Outlet**
Collected: 2/19/2007 12:30:00 PM
Received: 2/20/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	2/21/2007 6:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	**280**
Ammonia (as N)	mg/L	2/22/2007 10:55:00 AM	350.1	0.050	**0.068**
Bicarbonate (As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	**260**
Carbonate (As CaCO3)	mg/L	2/21/2007 6:10:00 AM	2320B	20	< 20
Chloride	mg/L	2/21/2007 3:59:00 PM	300.0	2.0	**10**
Hardness (as CaCO3)	mg/L	2/26/2007 11:00:44 AM	2340B	10	**300**
Nitrate (as N)	mg/L	2/21/2007 7:36:00 AM	353.2	0.010	**0.83**
Nitrite (as N)	mg/L	2/21/2007 7:36:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	2/27/2007 12:50:00 PM	EPA 1664	3.0	**4.3**
Phosphate, ortho (as P)	mg/L	2/21/2007 9:57:00 AM	365.1	0.050	< 0.050
Settable Solids	ml/L	2/21/2007 10:00:00 AM	160.5	0.10	**0.20**
Sulfate	mg/L	2/21/2007 3:59:00 PM	300.0	5.0	**23**
TDS	mg/L	2/22/2007 2:00:00 PM	160.1	10	**260**
TSS	mg/L	2/21/2007 3:15:00 PM	160.2	3.0	**100**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-33102	Arsenic	mg/L	6020	0.2098	0.2	0	105	85-115				2/22/2007
LCS-33102	Cadmium	mg/L	6020	0.2121	0.2	0	106	85-115				2/22/2007
LCS-33102	Copper	mg/L	6020	0.2166	0.2	0	108	85-115				2/22/2007
LCS-33102	Lead	mg/L	6020	0.2114	0.2	0	106	85-115				2/22/2007
LCS-33102	Manganese	mg/L	6020	0.2209	0.2	0	110	85-115				2/22/2007
LCS-33102	Selenium	mg/L	6020	0.2040	0.2	0	102	85-115				2/22/2007
LCS-33102	Zinc	mg/L	6020	1.072	1	0.001447	107	85-115				2/22/2007
LCS-33103	Iron	mg/L	6010B	1.133	1	0	113	75-125				2/23/2007
LCS-33103	Manganese	mg/L	6010B	0.2137	0.2	0	107	75-125				2/23/2007
LCS-33102	Aluminum	mg/L	6010B	1.057	1	0	106	75-125				2/26/2007
LCS-33102	Boron	mg/L	6010B	1.028	1	0	103	75-125				2/26/2007
LCS-33102	Calcium	mg/L	6010B	10.60	10	0	106	75-125				2/26/2007
LCS-33102	Iron	mg/L	6010B	1.068	1	0	107	75-125				2/26/2007
LCS-33102	Magnesium	mg/L	6010B	10.39	10	0	104	75-125				2/26/2007
LCS-33102	Molybdenum	mg/L	6010B	0.2107	0.2	0	105	75-125				2/26/2007
LCS-33102	Potassium	mg/L	6010B	10.31	10	0	103	75-125				2/26/2007
LCS-33102	Sodium	mg/L	6010B	9.121	10	0	91.2	75-125				2/26/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-33102	Arsenic	mg/L	6020	< 0.0050				-				2/22/2007
MB-33102	Cadmium	mg/L	6020	< 0.0040				-				2/22/2007
MB-33102	Copper	mg/L	6020	< 0.0040				-				2/22/2007
MB-33102	Lead	mg/L	6020	< 0.0050				-				2/22/2007
MB-33102	Manganese	mg/L	6020	< 0.0050				-				2/22/2007
MB-33102	Selenium	mg/L	6020	< 0.0050				-				2/22/2007
MB-33102	Zinc	mg/L	6020	< 0.010				-				2/23/2007
MB-33103	Iron	mg/L	6010B	< 0.050				-				2/23/2007
MB-33103	Manganese	mg/L	6010B	< 0.0050				-				2/26/2007
MB-33102	Aluminum	mg/L	6010B	< 0.10				-				2/26/2007
MB-33102	Boron	mg/L	6010B	< 0.50				-				2/26/2007
MB-33102	Calcium	mg/L	6010B	< 1.0				-				2/26/2007
MB-33102	Iron	mg/L	6010B	< 0.050				-				2/26/2007
MB-33102	Magnesium	mg/L	6010B	< 1.0				-				2/26/2007
MB-33102	Molybdenum	mg/L	6010B	< 0.040				-				2/26/2007
MB-33102	Potassium	mg/L	6010B	< 1.0				-				2/26/2007
MB-33102	Sodium	mg/L	6010B	< 1.0				-				2/26/2007

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76314-01FMS	Arsenic	mg/L	6020	0.2173	0.2	0	109	70-130				2/22/2007
L76314-01FMS	Cadmium	mg/L	6020	0.2158	0.2	0	108	70-130				2/22/2007
L76314-01FMS	Copper	mg/L	6020	0.2253	0.2	0	113	70-130				2/22/2007
L76314-01FMS	Lead	mg/L	6020	0.2160	0.2	0	108	70-130				2/22/2007
L76314-01FMS	Manganese	mg/L	6020	0.2236	0.2	0	112	70-130				2/22/2007
L76314-01FMS	Selenium	mg/L	6020	0.2064	0.2	0	103	70-130				2/22/2007
L76314-01FMS	Zinc	mg/L	6020	1.053	1	0.01497	104	70-130				2/22/2007
L76314-01EMS	Iron	mg/L	6010B	1.397	1	0.2871	111	75-125				2/23/2007
L76314-01EMS	Manganese	mg/L	6010B	0.2377	0.2	0.02577	106	75-125				2/23/2007
L76314-01FMS	Calcium	mg/L	6010B	87.73	10	76.8	109	75-125				2/26/2007
L76314-01FMS	Aluminum	mg/L	6010B	1.113	1	0.04423	107	75-125				2/26/2007
L76314-01FMS	Boron	mg/L	6010B	1.203	1	0.0893	111	75-125				2/26/2007
L76314-01FMS	Iron	mg/L	6010B	1.071	1	0.01937	105	75-125				2/26/2007
L76314-01FMS	Magnesium	mg/L	6010B	52.21	10	40.49	117	75-125				2/26/2007
L76314-01FMS	Molybdenum	mg/L	6010B	0.2088	0.2	0	104	75-125				2/26/2007
L76314-01FMS	Potassium	mg/L	6010B	17.78	10	6.879	109	75-125				2/26/2007
L76314-01FMS	Sodium	mg/L	6010B	49.71	10	37.52	122	75-125				2/26/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76314-01FMSD	Arsenic	mg/L	6020	0.2225	0.2	0	111	70-130	2.39	20		2/22/2007
L76314-01FMSD	Cadmium	mg/L	6020	0.2192	0.2	0	110	70-130	1.55	20		2/22/2007
L76314-01FMSD	Copper	mg/L	6020	0.2264	0.2	0	113	70-130	0.499	20		2/22/2007
L76314-01FMSD	Lead	mg/L	6020	0.2247	0.2	0	112	70-130	3.97	20		2/22/2007
L76314-01FMSD	Manganese	mg/L	6020	0.2293	0.2	0	115	70-130	2.54	20		2/22/2007
L76314-01FMSD	Selenium	mg/L	6020	0.2061	0.2	0	103	70-130	0.143	20		2/22/2007
L76314-01FMSD	Zinc	mg/L	6020	1.118	1	0.01497	110	70-130	5.94	20		2/22/2007
L76314-01EMSD	Iron	mg/L	6010B	1.356	1	0.2871	107	75-125	2.94	20		2/23/2007
L76314-01EMSD	Manganese	mg/L	6010B	0.2305	0.2	0.02577	102	75-125	3.08	20		2/23/2007
L76314-01FMSD	Calcium	mg/L	6010B	86.34	10	76.8	95.3	75-125	1.60	20		2/26/2007
L76314-01FMSD	Aluminum	mg/L	6010B	1.065	1	0.04423	102	75-125	4.41	20		2/26/2007
L76314-01FMSD	Boron	mg/L	6010B	1.211	1	0.0893	112	75-125	0.662	20		2/26/2007
L76314-01FMSD	Iron	mg/L	6010B	1.077	1	0.01937	106	75-125	0.570	20		2/26/2007
L76314-01FMSD	Magnesium	mg/L	6010B	50.51	10	40.49	100	75-125	3.31	20		2/26/2007
L76314-01FMSD	Molybdenum	mg/L	6010B	0.2141	0.2	0	107	75-125	2.54	20		2/26/2007
L76314-01FMSD	Potassium	mg/L	6010B	17.45	10	6.879	106	75-125	1.86	20		2/26/2007
L76314-01FMSD	Sodium	mg/L	6010B	48.16	10	37.52	106	75-125	3.18	20		2/26/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76309-01ADUP	TDS	mg/L	160.1	8960	0	8820		-	1.57	20		2/22/2007
L76314-03ADUP	TDS	mg/L	160.1	264.0	0	264		-	0	20		2/22/2007
L76351-01ADUP	TDS	mg/L	160.1	780.0	0	740		-	5.26	20		2/22/2007
L76309-01ADUP	TSS	mg/L	160.2	13.00	0	13		-	0	20		2/21/2007
L76314-01ADUP	TSS	mg/L	160.2	14.00	0	14		-	0	20		2/21/2007
L76329-02ADUP	TSS	mg/L	160.2	4.000	0	4		-	0	20		2/21/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R66518	Alkalinity,(As CaCO3)	mg/L	2320B	51600	50000	0	103	90-110				2/21/2007
LCS-R66583	Chloride	mg/L	300.0	5.098	5	0	102	90-110				2/21/2007
LCS-R66583	Sulfate	mg/L	300.0	4.996	5	0	99.9	90-110				2/21/2007
LCS-R66519	Acidity	mg/L	305.1	50.00	50	0	100	80-120				2/22/2007
LCS-33093	Ammonia (as N)	mg/L	350.1	0.9430	1	0	94.3	90-110				2/21/2007
LCS-66524	Nitrite (as N)	mg/L	353.2	1.041	1	0	104	90-110				2/21/2007
LCS-66526	Nitrate (as N)	mg/L	353.2	1.042	1	0	104	90-110				2/27/2007
LCS-R66725	Oil & Grease	mg/L	EPA 1664	40.70	40	0	102	79-114				2/21/2007
LCS-66531	Phosphate, ortho (as P)	mg/L	365.1	1.000	1	0	100	90-110				2/22/2007
LCS-R66622	TDS	mg/L	160.1	202.0	205	0	98.5	80-120				2/21/2007
LCS-R66565	TSS	mg/L	160.2	95.00	100	0	95.0	80-120				2/21/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R66518	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				2/21/2007
MB-R66518	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				2/21/2007
MB-R66518	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				2/21/2007
MB-R66583	Chloride	mg/L	300.0	< 1.0				-				2/21/2007
MB-R66583	Sulfate	mg/L	300.0	< 1.0				-				2/21/2007
MB-R66519	Acidity	mg/L	305.1	< 15				-				2/21/2007
MB-33093	Ammonia (as N)	mg/L	350.1	< 0.050				-				2/22/2007
MB-66524	Nitrite (as N)	mg/L	353.2	< 0.010				-				2/21/2007
MB-66526	Nitrate (as N)	mg/L	353.2	< 0.010				-				2/21/2007
MB-R66725	Oil & Grease	mg/L	EPA 1664	< 3.0				-				2/27/2007
MB-66531	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				2/21/2007
MB-R66622	TDS	mg/L	160.1	< 10				-				2/22/2007
MB-R66565	TSS	mg/L	160.2	< 3.0				-				2/21/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76314-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	344.0	100	241	103	80-120				2/21/2007
L76314-01BMS	Chloride	mg/L	300.0	45.09	25	18.11	108	90-110				2/21/2007
L76314-01BMS	Sulfate	mg/L	300.0	395.6	250	150.2	98.2	90-110				2/21/2007
L76314-01BMS	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120				2/22/2007
L76314-01CMS	Ammonia (as N)	mg/L	350.1	0.9430	1	0.034	90.9	90-110				2/21/2007
L76314-01BMS	Nitrite (as N)	mg/L	353.2	1.069	1	0	107	90-110				2/21/2007
L76314-01BMS	Nitrate (as N)	mg/L	353.2	1.397	1	0.298	110	90-110				2/21/2007
L76314-02BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9600	1	0	96.0	90-110				2/21/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76314-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	346.0	100	241	105	80-120	0.580	10		2/21/2007
L76314-01BMSD	Chloride	mg/L	300.0	44.70	25	18.11	106	90-110	0.864	20		2/21/2007
L76314-01BMSD	Sulfate	mg/L	300.0	392.2	250	150.2	96.8	90-110	0.857	20		2/21/2007
L76314-01BMSD	Acidity	mg/L	305.1	50.00	50	0	100	80-120	4.08	20		2/21/2007
L76314-01CMSD	Ammonia (as N)	mg/L	350.1	0.9540	1	0.034	92.0	90-110	1.16	10		2/22/2007
L76314-01BMSD	Nitrite (as N)	mg/L	353.2	1.012	1	0	101	90-110	5.48	10		2/21/2007
L76314-01BMSD	Nitrate (as N)	mg/L	353.2	1.377	1	0.298	108	90-110	1.44	10		2/21/2007
L76314-02BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.9800	1	0	98.0	90-110	2.06	10		2/21/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R66725	Oil & Grease	mg/L	EPA 1664	39.70	40	0	99.2	79-114				2/27/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76314
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R66725	Oil & Grease	mg/L	EPA 1664	40.00	40	0	100	79-114	0.753	18		2/27/2007

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Labs

WORK ORDER Summary

20-Feb-07

Work Order L76314

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+ HOK · DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76314-01A	Mud Creek	2/19/2007 11:30:00 AM	2/20/2007	3/6/2007	Aqueous	SS	ww - tss/tds/ss	1
				3/6/2007		TDS-W	ww - tss/tds/ss	1
				3/6/2007		TSS-W	ww - tss/tds/ss	1
L76314-01B				3/6/2007		2320B-ALK-W	feb 20 - wc	1
				3/6/2007		300.0-W	feb 20 - wc	1
				3/6/2007		ACIDITY-W	feb 20 - wc	1
				3/6/2007		NO2-W	feb 20 - wc	1
				3/6/2007		NO3-W	feb 20 - wc	1
				3/6/2007		PO4-O	feb 20 - wc	1
L76314-01C				3/6/2007		NH3-W	feb 20 - nh3	1
				3/6/2007		NH3-W-PREP	feb 20 - nh3	1
L76314-01D				3/6/2007		OGB-W	ogb	1
L76314-01E				3/6/2007		3005A-ICPMS	feb 20 - met	1
				3/6/2007		ICP-W	feb 20 - met	1
L76314-01F				3/6/2007	Aqueous-Dissolved	3005A-Diss	feb 20 - met	1
				3/6/2007		6020-W-DISS	feb 20 - met	1
				3/6/2007		HARD	feb 20 - met	1
				3/6/2007		ICP-W-DIS	feb 20 - met	1
L76314-02A	Sulfur Spring	2/19/2007 12:00:00 PM		3/6/2007	Aqueous	SS	ww - tss/tds/ss	1
				3/6/2007		TDS-W	ww - tss/tds/ss	1
				3/6/2007		TSS-W	ww - tss/tds/ss	1
L76314-02B				3/6/2007		2320B-ALK-W	feb 20 - wc	1
				3/6/2007		300.0-W	feb 20 - wc	1
				3/6/2007		ACIDITY-W	feb 20 - wc	1
				3/6/2007		NO2-W	feb 20 - wc	1
				3/6/2007		NO3-W	feb 20 - wc	1
				3/6/2007		PO4-O	feb 20 - wc	1

WORK ORDER Summary

20-Feb-07

Work Order L76314

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76314-02C	Sulfur Spring	2/19/2007 12:00:00 PM	2/20/2007	3/6/2007	Aqueous	NH3-W	feb 20 - nh3	1
				3/6/2007		NH3-W-PREP	feb 20 - nh3	1
L76314-02D				3/6/2007		OGB-W	ogb	1
L76314-02E				3/6/2007		3005A-ICPMS	feb 20 - met	1
				3/6/2007		ICP-W	feb 20 - met	1
L76314-02F				3/6/2007	Aqueous-Dissolved	3005A-Diss	feb 20 - met	1
				3/6/2007		6020-W-DISS	feb 20 - met	1
				3/6/2007		HARD	feb 20 - met	1
				3/6/2007		ICP-W-DIS	feb 20 - met	1
L76314-03A	Miller Outlet	2/19/2007 12:30:00 PM		3/6/2007	Aqueous	SS	ww - tss/tds/ss	1
				3/6/2007		TDS-W	ww - tss/tds/ss	1
				3/6/2007		TSS-W	ww - tss/tds/ss	1
L76314-03B				3/6/2007		2320B-ALK-W	feb 20 - wc	1
				3/6/2007		300.0-W	feb 20 - wc	1
				3/6/2007		ACIDITY-W	feb 20 - wc	1
				3/6/2007		NO2-W	feb 20 - wc	1
				3/6/2007		NO3-W	feb 20 - wc	1
				3/6/2007		PO4-O	feb 20 - wc	1
L76314-03C				3/6/2007		NH3-W	feb 20 - nh3	1
				3/6/2007		NH3-W-PREP	feb 20 - nh3	1
L76314-03D				3/6/2007		OGB-W	ogb	1
L76314-03E				3/6/2007		3005A-ICPMS	feb 20 - met	1
				3/6/2007		ICP-W	feb 20 - met	1
L76314-03F				3/6/2007	Aqueous-Dissolved	3005A-Diss	feb 20 - met	1
				3/6/2007		6020-W-DISS	feb 20 - met	1
				3/6/2007		HARD	feb 20 - met	1
				3/6/2007		ICP-W-DIS	feb 20 - met	1

Client Carbon Resources / Rock Logic Consulting

Address PO Box 544

Cedaredge CO 81413
City State Zip

Phone 970·856·3400 Fax

Contact Brad Lindsay

E-mail lindsay.brad@gmail.com

Project Name Scofield Baseline

Project Number/P.O.#

Sampler Name Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES
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(888) 263-8686
Fax (801) 263-8687
Email:awal@awal-labs.com

CHAIN OF CUSTODY

Lab Sample Set # 716314

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table
Mud Creek	2-19-07 / 11:30	W	6	3
Sulfur Spring	2-19-07 / 12:00	W	6	3
Miller outlet	2-19-07 / 12:30	W	6	3

QC LEVEL: 1 2 2+ 3 3+ 4

COMMENTS

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME: BRAD LINDSAY	Time: 20:15	PRINT NAME: JEFFREY D. LINDSAY
Relinquished By: Signature	Date: 2/20/07	Received By: Signature
PRINT NAME: JEFFREY D. LINDSAY	Time: 17:19	PRINT NAME: JESSICA WALKER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes:

3 Temperature

4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:

5 Properly Preserved Y (N)
Notes:

6 Received Within Holding Times Y (N)
Notes:

COC Tape Was:

1 Present on Outer Package Y (N) NA

2 Unbroken on Outer Package Y (N) (NA)

3 Present on Sample Y (N) NA

4 Unbroken on Sample Y (N) (NA)
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.
½ gallon HDPE

Sample Set: 76314

Preservation Check Sheet

			Sample Set Extension and pH														
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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April 12, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L76981

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 3/30/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76981-01E
Field Sample ID: **Mud Creek**
Collected: 3/29/2007 2:00:00 PM
Received: 3/30/2007

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2007 4:16:22 PM	6010B	0.050	**0.80**
Manganese	mg/L	4/9/2007 4:16:22 PM	6010B	0.0050	**0.068**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76981-02E
Field Sample ID: **Sulfur Spring**
Collected: 3/29/2007 2:30:00 PM
Received: 3/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2007 4:24:40 PM	6010B	0.050	< 0.050
Manganese	mg/L	4/9/2007 4:24:40 PM	6010B	0.0050	**0.032**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-03E
Field Sample ID: **Res-1**
Collected: 3/29/2007 2:45:00 PM
Received: 3/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2007 4:40:22 PM	6010B	0.050	**0.50**
Manganese	mg/L	4/9/2007 4:40:22 PM	6010B	0.0050	**0.17**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-04E
Field Sample ID: **Miller Outlet**
Collected: 3/29/2007 3:00:00 PM
Received: 3/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/9/2007 4:44:19 PM	6010B	0.050	**5.8**
Manganese	mg/L	4/9/2007 4:44:19 PM	6010B	0.0050	**0.28**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-01F
Field Sample ID: **Mud Creek**
Collected: 3/29/2007 2:00:00 PM
Received: 3/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	4/11/2007 3:45:43 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	4/6/2007 9:13:06 AM	6020	0.0050	< 0.0050	
Boron	mg/L	4/11/2007 3:45:43 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	4/6/2007 9:13:06 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	4/11/2007 3:06:53 PM	6010B	10	**69**	² *
Copper	mg/L	4/6/2007 9:13:06 AM	6020	0.0040	< 0.0040	
Iron	mg/L	4/11/2007 3:45:43 PM	6010B	0.050	< 0.050	
Lead	mg/L	4/6/2007 9:13:06 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	4/11/2007 3:45:43 PM	6010B	1.0	**35**	
Manganese	mg/L	4/6/2007 9:13:06 AM	6020	0.0050	**0.039**	
Molybdenum	mg/L	4/11/2007 3:45:43 PM	6010B	0.10	< 0.10	
Potassium	mg/L	4/11/2007 3:45:43 PM	6010B	1.0	**6.3**	
Selenium	mg/L	4/6/2007 9:13:06 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	4/11/2007 3:45:43 PM	6010B	1.0	**32**	
Zinc	mg/L	4/6/2007 9:13:06 AM	6020	0.010	< 0.010	

² *Analyte concentration is too high for accurate spike recovery.*
* *The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76981-02F
Field Sample ID: **Sulfur Spring**
Collected: 3/29/2007 2:30:00 PM
Received: 3/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/11/2007 4:01:34 PM	6010B	0.10	< 0.10
Arsenic	mg/L	4/6/2007 9:40:03 AM	6020	0.0050	< 0.0050
Boron	mg/L	4/11/2007 4:01:34 PM	6010B	0.50	< 0.50
Cadmium	mg/L	4/6/2007 9:40:03 AM	6020	0.0040	< 0.0040
Calcium	mg/L	4/11/2007 3:18:37 PM	6010B	10	**90** *
Copper	mg/L	4/6/2007 9:40:03 AM	6020	0.0040	< 0.0040
Iron	mg/L	4/11/2007 4:01:34 PM	6010B	0.050	< 0.050
Lead	mg/L	4/6/2007 9:40:03 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	4/11/2007 4:01:34 PM	6010B	1.0	**37**
Manganese	mg/L	4/6/2007 9:40:03 AM	6020	0.0050	**0.031**
Molybdenum	mg/L	4/11/2007 4:01:34 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/11/2007 4:01:34 PM	6010B	1.0	**5.9**
Selenium	mg/L	4/6/2007 9:40:03 AM	6020	0.0050	< 0.0050
Sodium	mg/L	4/11/2007 4:01:34 PM	6010B	1.0	**8.8**
Zinc	mg/L	4/6/2007 9:40:03 AM	6020	0.010	< 0.010

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-03F
Field Sample ID: **Res-1**
Collected: 3/29/2007 2:45:00 PM
Received: 3/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	4/11/2007 4:05:28 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	4/6/2007 9:57:15 AM	6020	0.0050	< 0.0050	
Boron	mg/L	4/11/2007 4:05:28 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	4/6/2007 9:57:15 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	4/11/2007 3:22:33 PM	6010B	10	**70**	*
Copper	mg/L	4/6/2007 9:57:15 AM	6020	0.0040	< 0.0040	
Iron	mg/L	4/11/2007 4:05:28 PM	6010B	0.050	< 0.050	
Lead	mg/L	4/6/2007 9:57:15 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	4/11/2007 4:05:28 PM	6010B	1.0	**20**	
Manganese	mg/L	4/6/2007 9:57:15 AM	6020	0.0050	**0.033**	
Molybdenum	mg/L	4/11/2007 4:05:28 PM	6010B	0.10	< 0.10	
Potassium	mg/L	4/11/2007 4:05:28 PM	6010B	1.0	**4.2**	
Selenium	mg/L	4/6/2007 9:57:15 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	4/11/2007 4:05:28 PM	6010B	1.0	**13**	
Zinc	mg/L	4/6/2007 9:57:15 AM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76981-04F
Field Sample ID: **Miller Outlet**
Collected: 3/29/2007 3:00:00 PM
Received: 3/30/2007

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Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	4/11/2007 4:09:27 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	4/6/2007 10:02:39 AM	6020	0.0050	< 0.0050	
Boron	mg/L	4/11/2007 4:09:27 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	4/6/2007 10:02:39 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	4/11/2007 3:26:28 PM	6010B	10	**93**	*
Copper	mg/L	4/6/2007 10:02:39 AM	6020	0.0040	< 0.0040	
Iron	mg/L	4/11/2007 4:09:27 PM	6010B	0.050	< 0.050	
Lead	mg/L	4/6/2007 10:02:39 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	4/11/2007 4:09:27 PM	6010B	1.0	**17**	
Manganese	mg/L	4/6/2007 10:02:39 AM	6020	0.0050	**0.040**	
Molybdenum	mg/L	4/11/2007 4:09:27 PM	6010B	0.10	< 0.10	
Potassium	mg/L	4/11/2007 4:09:27 PM	6010B	1.0	**2.8**	
Selenium	mg/L	4/6/2007 10:02:39 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	4/11/2007 4:09:27 PM	6010B	1.0	**14**	
Zinc	mg/L	4/6/2007 10:02:39 AM	6020	0.010	**0.012**	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-01
Field Sample ID: **Mud Creek**
Collected: 3/29/2007 2:00:00 PM
Received: 3/30/2007

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QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	4/2/2007 7:00:00 AM	305.1	15	< 15	
Alkalinity,(As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**240**	
Ammonia (as N)	mg/L	4/2/2007 8:06:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**240**	
Carbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	10	< 10	
Chloride	mg/L	3/31/2007 7:19:00 AM	300.0	20	**24**	
Hardness (as CaCO3)	mg/L	4/11/2007 3:45:43 PM	SM2340 B	10	**320**	
Nitrate (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	**0.34**	
Nitrite (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	< 0.010	[1]@
Oil & Grease	mg/L	3/30/2007 2:00:00 PM	EPA 1664A	3.0	< 3.0	
Phosphate, ortho (as P)	mg/L	3/30/2007 12:24:00 PM	365.1	0.050	**0.069**	
Settable Solids	ml/L	3/30/2007 11:00:00 AM	160.5	0.10	**0.10**	
Sulfate	mg/L	3/31/2007 7:19:00 AM	300.0	20	**120**	
TDS	mg/L	3/30/2007 2:30:00 PM	160.1	20	**380**	
TSS	mg/L	3/30/2007 4:45:00 PM	160.2	3.0	**36**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*
@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L76981-02
Field Sample ID: **Sulfur Spring**
Collected: 3/29/2007 2:30:00 PM
Received: 3/30/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/2/2007 7:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**350**
Ammonia (as N)	mg/L	4/2/2007 8:06:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**350**
Carbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	10	< 10
Chloride	mg/L	3/31/2007 7:52:00 AM	300.0	1.0	**6.5**
Hardness (as CaCO3)	mg/L	4/11/2007 4:01:34 PM	SM2340 B	10	**380**
Nitrate (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	3/30/2007 2:00:00 PM	EPA 1664A	3.0	**3.1**
Phosphate, ortho (as P)	mg/L	3/30/2007 12:24:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	3/30/2007 11:00:00 AM	160.5	0.10	< 0.10
Sulfate	mg/L	3/31/2007 8:25:00 AM	300.0	5.0	**44**
TDS	mg/L	3/30/2007 2:30:00 PM	160.1	20	**340**
TSS	mg/L	3/30/2007 4:45:00 PM	160.2	3.0	**4.0**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-03
Field Sample ID: **Res-1**
Collected: 3/29/2007 2:45:00 PM
Received: 3/30/2007

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/2/2007 7:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**250**
Ammonia (as N)	mg/L	4/2/2007 8:06:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**250**
Carbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	10	< 10
Chloride	mg/L	3/31/2007 8:59:00 AM	300.0	10	**20**
Hardness (as CaCO3)	mg/L	4/11/2007 4:05:28 PM	SM2340 B	10	**260**
Nitrate (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	**0.017**
Nitrite (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	3/30/2007 2:00:00 PM	EPA 1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	3/30/2007 12:24:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	3/30/2007 11:00:00 AM	160.5	0.10	**0.50**
Sulfate	mg/L	3/31/2007 10:39:00 AM	300.0	50	**97**
TDS	mg/L	3/30/2007 2:30:00 PM	160.1	20	**290**
TSS	mg/L	3/30/2007 4:45:00 PM	160.2	3.0	**27**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L76981-04
Field Sample ID: **Miller Outlet**
Collected: 3/29/2007 3:00:00 PM
Received: 3/30/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/2/2007 7:00:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**270**
Ammonia (as N)	mg/L	4/2/2007 8:06:00 AM	350.1	0.050	**0.056**
Bicarbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	20	**270**
Carbonate (As CaCO3)	mg/L	4/2/2007 7:30:00 AM	2320B	10	< 10
Chloride	mg/L	3/31/2007 1:26:00 PM	300.0	2.0	**11**
Hardness (as CaCO3)	mg/L	4/11/2007 4:09:27 PM	SM2340 B	10	**300**
Nitrate (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	**0.43**
Nitrite (as N)	mg/L	3/30/2007 1:40:00 PM	353.2	0.010	**0.025**
Oil & Grease	mg/L	3/30/2007 2:00:00 PM	EPA 1664A	3.0	**3.7**
Phosphate, ortho (as P)	mg/L	3/30/2007 12:24:00 PM	365.1	0.050	< 0.050
Settable Solids	ml/L	3/30/2007 11:00:00 AM	160.5	0.10	**0.35**
Sulfate	mg/L	3/31/2007 1:59:00 PM	300.0	5.0	**34**
TDS	mg/L	3/30/2007 2:30:00 PM	160.1	20	**300**
TSS	mg/L	3/30/2007 4:45:00 PM	160.2	3.0	**340**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-33816	Arsenic	mg/L	6020	0.2117	0.2	0	106	85-115				4/6/2007
LCS-33816	Cadmium	mg/L	6020	0.2055	0.2	0	103	85-115				4/6/2007
LCS-33816	Copper	mg/L	6020	0.2078	0.2	0	104	85-115				4/6/2007
LCS-33816	Lead	mg/L	6020	0.2074	0.2	0	104	85-115				4/6/2007
LCS-33816	Manganese	mg/L	6020	0.1980	0.2	0	99.0	85-115				4/6/2007
LCS-33816	Selenium	mg/L	6020	0.1999	0.2	0	99.9	85-115				4/6/2007
LCS-33816	Zinc	mg/L	6020	0.9828	1	0.004002	97.9	85-115				4/6/2007
LCS-33817	Iron	mg/L	6010B	1.117	1	0	112	75-125				4/9/2007
LCS-33817	Manganese	mg/L	6010B	0.2056	0.2	0	103	75-125				4/9/2007
LCS-33816	Aluminum	mg/L	6010B	0.9535	1	0	95.4	75-125				4/11/2007
LCS-33816	Boron	mg/L	6010B	0.9616	1	0	96.2	75-125				4/11/2007
LCS-33816	Calcium	mg/L	6010B	10.79	10	0	108	75-125				4/11/2007
LCS-33816	Iron	mg/L	6010B	1.047	1	0	105	75-125				4/11/2007
LCS-33816	Magnesium	mg/L	6010B	10.56	10	0	106	75-125				4/11/2007
LCS-33816	Molybdenum	mg/L	6010B	0.2023	0.2	0	101	75-125				4/11/2007
LCS-33816	Potassium	mg/L	6010B	10.01	10	0	100	75-125				4/11/2007
LCS-33816	Sodium	mg/L	6010B	9.244	10	0	92.4	75-125				4/11/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-33816	Arsenic	mg/L	6020	< 0.0050				-				4/6/2007
MB-33816	Cadmium	mg/L	6020	< 0.0040				-				4/6/2007
MB-33816	Copper	mg/L	6020	< 0.0040				-				4/6/2007
MB-33816	Lead	mg/L	6020	< 0.0050				-				4/6/2007
MB-33816	Manganese	mg/L	6020	< 0.0050				-				4/6/2007
MB-33816	Selenium	mg/L	6020	< 0.0050				-				4/6/2007
MB-33816	Zinc	mg/L	6020	< 0.010				-				4/6/2007
MB-33817	Iron	mg/L	6010B	< 0.050				-				4/9/2007
MB-33817	Manganese	mg/L	6010B	< 0.0050				-				4/9/2007
MB-33816	Aluminum	mg/L	6010B	< 0.10				-				4/11/2007
MB-33816	Boron	mg/L	6010B	< 0.50				-				4/11/2007
MB-33816	Calcium	mg/L	6010B	< 1.0				-				4/11/2007
MB-33816	Iron	mg/L	6010B	< 0.050				-				4/11/2007
MB-33816	Magnesium	mg/L	6010B	< 1.0				-				4/11/2007
MB-33816	Molybdenum	mg/L	6010B	< 0.040				-				4/11/2007
MB-33816	Potassium	mg/L	6010B	< 1.0				-				4/11/2007
MB-33816	Sodium	mg/L	6010B	< 1.0				-				4/11/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76981-01FMS	Arsenic	mg/L	6020	0.2188	0.2	0	109	70-130				4/6/2007
L76981-01FMS	Cadmium	mg/L	6020	0.2095	0.2	0	105	70-130				4/6/2007
L76981-01FMS	Copper	mg/L	6020	0.2039	0.2	0.00112	101	70-130				4/6/2007
L76981-01FMS	Lead	mg/L	6020	0.2124	0.2	0	106	70-130				4/6/2007
L76981-01FMS	Manganese	mg/L	6020	0.2396	0.2	0.0392	100	70-130				4/6/2007
L76981-01FMS	Selenium	mg/L	6020	0.2042	0.2	0	102	70-130				4/6/2007
L76981-01FMS	Zinc	mg/L	6020	1.021	1	0.009724	101	70-130				4/6/2007
L76985-23CMS	Arsenic	mg/L	6020	0.3456	0.2	0.1314	107	70-130				4/6/2007
L76985-23CMS	Cadmium	mg/L	6020	0.2068	0.2	0	103	70-130				4/6/2007
L76985-23CMS	Lead	mg/L	6020	0.2109	0.2	0	105	70-130				4/6/2007
L76985-23CMS	Selenium	mg/L	6020	0.2005	0.2	0	100	70-130				4/6/2007
L76981-02EMS	Iron	mg/L	6010B	1.147	1	0	115	75-125				4/9/2007
L76981-02EMS	Manganese	mg/L	6010B	0.2401	0.2	0.03217	104	75-125				4/9/2007
L76981-01FMS	Calcium	mg/L	6010B	82.03	10	69.18	129	75-125			2	4/11/2007
L76981-01FMS	Aluminum	mg/L	6010B	1.083	1	0	108	75-125				4/11/2007
L76981-01FMS	Boron	mg/L	6010B	1.184	1	0	118	75-125				4/11/2007
L76981-01FMS	Iron	mg/L	6010B	1.058	1	0	106	75-125				4/11/2007
L76981-01FMS	Magnesium	mg/L	6010B	44.06	10	35.47	85.9	75-125				4/11/2007
L76981-01FMS	Molybdenum	mg/L	6010B	0.2184	0.2	0.00451	107	75-125				4/11/2007
L76981-01FMS	Potassium	mg/L	6010B	17.19	10	6.336	109	75-125				4/11/2007
L76981-01FMS	Sodium	mg/L	6010B	41.48	10	32.42	90.6	75-125				4/11/2007

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76981-01FMSD	Arsenic	mg/L	6020	0.2145	0.2	0	107	70-130	1.97	20		4/6/2007
L76981-01FMSD	Cadmium	mg/L	6020	0.2044	0.2	0	102	70-130	2.48	20		4/6/2007
L76981-01FMSD	Copper	mg/L	6020	0.2049	0.2	0.00112	102	70-130	0.473	20		4/6/2007
L76981-01FMSD	Lead	mg/L	6020	0.2083	0.2	0	104	70-130	1.92	20		4/6/2007
L76981-01FMSD	Manganese	mg/L	6020	0.2365	0.2	0.0392	98.7	70-130	1.29	20		4/6/2007
L76981-01FMSD	Selenium	mg/L	6020	0.1995	0.2	0	99.7	70-130	2.33	20		4/6/2007
L76981-01FMSD	Zinc	mg/L	6020	0.9979	1	0.009724	98.8	70-130	2.26	20		4/6/2007
L76985-23CMSD	Arsenic	mg/L	6020	0.3314	0.2	0.1314	100	70-130	4.18	20		4/6/2007
L76985-23CMSD	Cadmium	mg/L	6020	0.1970	0.2	0	98.5	70-130	4.85	20		4/6/2007
L76985-23CMSD	Lead	mg/L	6020	0.2020	0.2	0	101	70-130	4.30	20		4/6/2007
L76985-23CMSD	Selenium	mg/L	6020	0.1906	0.2	0	95.3	70-130	5.06	20		4/6/2007
L76981-02EMSD	Iron	mg/L	6010B	1.166	1	0	117	75-125	1.60	20		4/9/2007
L76981-02EMSD	Manganese	mg/L	6010B	0.2390	0.2	0.03217	103	75-125	0.493	20		4/9/2007
L76981-01FMSD	Calcium	mg/L	6010B	83.98	10	69.18	148	75-125	2.35	20	[2]	4/11/2007
L76981-01FMSD	Aluminum	mg/L	6010B	0.9270	1	0	92.7	75-125	15.6	20		4/11/2007
L76981-01FMSD	Boron	mg/L	6010B	1.023	1	0	102	75-125	14.6	20		4/11/2007
L76981-01FMSD	Iron	mg/L	6010B	1.053	1	0	105	75-125	0.459	20		4/11/2007
L76981-01FMSD	Magnesium	mg/L	6010B	45.40	10	35.47	99.3	75-125	3.00	20		4/11/2007
L76981-01FMSD	Molybdenum	mg/L	6010B	0.1934	0.2	0.00451	94.5	75-125	12.1	20		4/11/2007
L76981-01FMSD	Potassium	mg/L	6010B	17.79	10	6.336	115	75-125	3.43	20		4/11/2007
L76981-01FMSD	Sodium	mg/L	6010B	43.03	10	32.42	106	75-125	3.66	20		4/11/2007

[2] Analyte concentration is too high for accurate spike recovery.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76855-03BDUP	TDS	mg/L	160.1	< 10	0	0		-	0	20	#	3/30/2007
L76979-06ADUP	TDS	mg/L	160.1	78000	0	78300		-	0.384	20		3/30/2007
L76980-05ADUP	TDS	mg/L	160.1	3060	0	3070		-	0.326	20		3/30/2007
L76981-04ADUP	TDS	mg/L	160.1	328.0	0	296		-	10.3	20		3/30/2007
L76981-01ADUP	TSS	mg/L	160.2	37.00	0	36		-	2.74	20		3/30/2007

- Due to laboratory error reanalysis was performed out of hold time. Original analysis within HT result is <20 mg/L

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R67944	Alkalinity,(As CaCO3)	mg/L	2320B	50820	50000	0	102	90-110				4/2/2007
LCS-R67953	Chloride	mg/L	300.0	5.086	5	0	102	90-110				3/31/2007
LCS-R67953	Sulfate	mg/L	300.0	5.087	5	0	102	90-110				3/31/2007
LCS-R67943	Acidity	mg/L	305.1	55.00	50	0	110	80-120				4/2/2007
LCS-33787	Ammonia (as N)	mg/L	350.1	0.9270	1	0	92.7	90-110				4/2/2007
LCS-67915	Nitrite (as N)	mg/L	353.2	1.095	1	0	110	90-110				3/30/2007
LCS-67917	Nitrate (as N)	mg/L	353.2	1.073	1	0	107	90-110				3/30/2007
LCS-R67929	Oil & Grease	mg/L	EPA 1664A	41.80	40	0	104	79-114				3/30/2007
LCS-67908	Phosphate, ortho (as P)	mg/L	365.1	1.057	1	0	106	90-110				3/30/2007
LCS-R67978	TDS	mg/L	160.1	194.0	205	0	94.6	80-120				3/30/2007
LCS-R67947	TSS	mg/L	160.2	96.00	100	0	96.0	80-120				3/30/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: WC
SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-R67978	TDS	mg/L	160.1	192.0	205	0	93.7	80-120	1.04	20		3/30/2007

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R67944	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				4/2/2007
MB-R67944	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				4/2/2007
MB-R67944	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				4/2/2007
MB-R67953	Chloride	mg/L	300.0	< 1.0				-				3/31/2007
MB-R67953	Sulfate	mg/L	300.0	< 1.0				-				3/31/2007
MB-R67943	Acidity	mg/L	305.1	< 15				-				4/2/2007
MB-33787	Ammonia (as N)	mg/L	350.1	< 0.050				-				4/2/2007
MB-67915	Nitrite (as N)	mg/L	353.2	< 0.010				-				3/30/2007
MB-67917	Nitrate (as N)	mg/L	353.2	< 0.010				-				3/30/2007
MB-R67929	Oil & Grease	mg/L	EPA 1664A	< 3.0				-				3/30/2007
MB-67908	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				3/30/2007
MB-R67978	TDS	mg/L	160.1	< 10				-				3/30/2007
MB-R67947	TSS	mg/L	160.2	< 3.0				-				3/30/2007

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76981-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	347.0	100	244	103	80-120				4/2/2007
L76981-03BMS	Sulfate	mg/L	300.0	353.5	250	96.86	103	90-110				3/31/2007
L76981-03BMS	Chloride	mg/L	300.0	71.24	50	19.71	103	90-110				3/31/2007
L76981-01BMS	Acidity	mg/L	305.1	50.00	50	0	100	80-120				4/2/2007
L76981-02CMS	Ammonia (as N)	mg/L	350.1	1.003	1	0.015	98.8	90-110				4/2/2007
L76981-01BMS	Nitrite (as N)	mg/L	353.2	1.180	1	0	118	90-110			[1]	3/30/2007
L76981-01BMS	Nitrate (as N)	mg/L	353.2	1.403	1	0.335	107	90-110				3/30/2007
L76981-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.106	1	0.069	104	90-110				3/30/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L76981
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L76981-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	347.0	100	244	103	80-120	0	10		4/2/2007
L76981-03BMSD	Chloride	mg/L	300.0	71.18	50	19.71	103	90-110	0.0843	20		3/31/2007
L76981-03BMSD	Sulfate	mg/L	300.0	353.7	250	96.86	103	90-110	0.0467	20		3/31/2007
L76981-01BMSD	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120	4.08	20		4/2/2007
L76981-02CMSD	Ammonia (as N)	mg/L	350.1	1.039	1	0.015	102	90-110	3.53	10		4/2/2007
L76981-01BMSD	Nitrite (as N)	mg/L	353.2	1.063	1	0	106	90-110	10.4	10	@	3/30/2007
L76981-01BMSD	Nitrate (as N)	mg/L	353.2	1.374	1	0.335	104	90-110	2.09	10		3/30/2007
L76981-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.127	1	0.069	106	90-110	1.88	10		3/30/2007

@ High RPD due to suspected matrix interference.

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American West Analytical Labs

WORK ORDER Summary

30-Mar-07

Work Order L76981

Client ID: CAR300
Project: Scofield Baseline
Comments: QCLevel: 2+

QC Level: 2+
Location: Hand IT

Contact: Brad Lindsay

BB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76981-01A	Mud Creek	3/29/2007 2:00:00 PM	3/30/2007	4/13/2007	Aqueous	SS	ww - tss/tds/ss	1
				4/13/2007		TDS-W	ww - tss/tds/ss	1
				4/13/2007		TSS-W	ww - tss/tds/ss	1
L76981-01B				4/13/2007		2320B-ALK-W	Mar. 30 - wc	1
				4/13/2007		300.0-W	Mar. 30 - wc	1
				4/13/2007		ACIDITY-W	Mar. 30 - wc	1
				4/13/2007		NO2-W	Mar. 30 - wc	1
				4/13/2007		NO3-W	Mar. 30 - wc	1
				4/13/2007		PO4-O	Mar. 30 - wc	1
L76981-01C				4/13/2007		NH3-W	Mar. 30 - nh3	1
				4/13/2007		NH3-W-PREP	Mar. 30 - nh3	1
L76981-01D				4/13/2007		OGB-W	ogb	1
L76981-01E				4/13/2007		3005A-ICPMS	Mar. 30 - met	1
				4/13/2007		ICP-W	Mar. 30 - met	1
L76981-01F				4/13/2007	Aqueous-Dissolved	3005A-Diss	Mar. 30 - dis met	1
				4/13/2007		6020-W-DISS	Mar. 30 - dis met	1
				4/13/2007		HARD	Mar. 30 - dis met	1
				4/13/2007		ICP-W-DIS	Mar. 30 - dis met	1
L76981-02A	Sulfur Spring	3/29/2007 2:30:00 PM		4/13/2007	Aqueous	SS	ww - tss/tds/ss	1
				4/13/2007		TDS-W	ww - tss/tds/ss	1
				4/13/2007		TSS-W	ww - tss/tds/ss	1
L76981-02B				4/13/2007		2320B-ALK-W	Mar. 30 - wc	1
				4/13/2007		300.0-W	Mar. 30 - wc	1
				4/13/2007		ACIDITY-W	Mar. 30 - wc	1
				4/13/2007		NO2-W	Mar. 30 - wc	1
				4/13/2007		NO3-W	Mar. 30 - wc	1
				4/13/2007		PO4-O	Mar. 30 - wc	1

WORK ORDER Summary

30-Mar-07

Work Order L76981

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76981-02C	Sulfur Spring	3/29/2007 2:30:00 PM	3/30/2007	4/13/2007	Aqueous	NH3-W	Mar. 30 - nh3	1
				4/13/2007		NH3-W-PREP	Mar. 30 - nh3	1
				4/13/2007		OGB-W	ogb	1
L76981-02D				4/13/2007		3005A-ICPMS	Mar. 30 - met	1
L76981-02E				4/13/2007		ICP-W	Mar. 30 - met	1
				4/13/2007	Aqueous-Dissolved	3005A-Diss	Mar. 30 - dis met	1
L76981-02F				4/13/2007		6020-W-DISS	Mar. 30 - dis met	1
				4/13/2007		HARD	Mar. 30 - dis met	1
				4/13/2007		ICP-W-DIS	Mar. 30 - dis met	1
L76981-03A	Res-1	3/29/2007 2:45:00 PM		4/13/2007	Aqueous	SS	ww - tss/tds/ss	1
				4/13/2007		TDS-W	ww - tss/tds/ss	1
				4/13/2007		TSS-W	ww - tss/tds/ss	1
L76981-03B				4/13/2007		2320B-ALK-W	Mar. 30 - wc	1
				4/13/2007		300.0-W	Mar. 30 - wc	1
				4/13/2007		ACIDITY-W	Mar. 30 - wc	1
				4/13/2007		NO2-W	Mar. 30 - wc	1
				4/13/2007		NO3-W	Mar. 30 - wc	1
				4/13/2007		PO4-O	Mar. 30 - wc	1
L76981-03C				4/13/2007		NH3-W	Mar. 30 - nh3	1
				4/13/2007		NH3-W-PREP	Mar. 30 - nh3	1
L76981-03D				4/13/2007		OGB-W	ogb	1
L76981-03E				4/13/2007		3005A-ICPMS	Mar. 30 - met	1
				4/13/2007		ICP-W	Mar. 30 - met	1
L76981-03F				4/13/2007	Aqueous-Dissolved	3005A-Diss	Mar. 30 - dis met	1
				4/13/2007		6020-W-DISS	Mar. 30 - dis met	1
				4/13/2007		HARD	Mar. 30 - dis met	1
				4/13/2007		ICP-W-DIS	Mar. 30 - dis met	1
L76981-04A	Miller Outlet	3/29/2007 3:00:00 PM		4/13/2007	Aqueous	SS	ww - tss/tds/ss	1

WORK ORDER Summary

30-Mar-07

Work Order L76981

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L76981-04A	Miller Outlet	3/29/2007 3:00:00 PM	3/30/2007	4/13/2007	Aqueous	TDS-W	ww - tss/tds/ss	1
				4/13/2007		TSS-W	ww - tss/tds/ss	1
L76981-04B				4/13/2007		2320B-ALK-W	Mar. 30 - wc	1
				4/13/2007		300.0-W	Mar. 30 - wc	1
				4/13/2007		ACIDITY-W	Mar. 30 - wc	1
				4/13/2007		NO2-W	Mar. 30 - wc	1
				4/13/2007		NO3-W	Mar. 30 - wc	1
				4/13/2007		PO4-O	Mar. 30 - wc	1
L76981-04C				4/13/2007		NH3-W	Mar. 30 - nh3	1
				4/13/2007		NH3-W-PREP	Mar. 30 - nh3	1
L76981-04D				4/13/2007		OGB-W	ogb	1
L76981-04E				4/13/2007		3005A-ICPMS	Mar. 30 - met	1
				4/13/2007		ICP-W	Mar. 30 - met	1
L76981-04F				4/13/2007	Aqueous-Dissolved	3005A-Diss	Mar. 30 - dis met	1
				4/13/2007		6020-W-DISS	Mar. 30 - dis met	1
				4/13/2007		HARD	Mar. 30 - dis met	1
				4/13/2007		ICP-W-DIS	Mar. 30 - dis met	1

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CHAIN OF CUSTODY

Lab Sample Set # 76981

Page _____ of _____

Turn Around Time (Circle One)
1 day | 2 day | 3 day | 4 day | 5 day | Standard
QC | 1 | 2 | 2+ | 3 | 3+ | 4

Client: CARBON RESOURCES c/o ROCK LOGIC
Address: P.O. BOX 544
CEDAREDGE CO 81413
City State Zip
Phone: (435) 851-9044 Fax: _____
Contact: BRAD LINDSAY
E-mail: rocklogicconsulting@gmail.com
Project Name: SCOFIELD BASELINE
Project Number/P.O.#: _____
Sampler Name: BRAD LINDSAY

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 2	COMMENTS
MUD CREEK	3-27-07 / 14:00	W	6	✓	
SULFUR SPRING	3-27-07 / 14:30	W	6	✓	
RES-1	3-27-07 / 14:45	W	6	✓	
MILLER OUTLET	3-27-07 / 15:00	W	6	✓	

Please indicate tests needed below

Relinquished By: Signature	Date: 3-27-07	Received By: Signature	
PRINT NAME: BRAD LINDSAY	Time: 17:00	PRINT NAME: UPS	
Relinquished By: Signature	Date	Received By: Signature	
PRINT NAME	Time	PRINT NAME	

Relinquished By: Signature	Date	Received By: Signature	
PRINT NAME	Time	PRINT NAME	
Relinquished By: Signature	Date	Received By: Signature	
PRINT NAME	Time	PRINT NAME	

Special Instructions:
PLEASE FILTER FOR DISOLVED SOLIDS

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered (Y) N
Notes: UPS
2 Ambient or Chilled
Notes:
3 Temperature -1.5°
4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:
5 Properly Preserved (Y) N
Notes:
6 Received Within Holding Times (Y) N
Notes:

COC Tape Was:
1 Present on Outer Package (Y) N NA
2 Unbroken on Outer Package (Y) N NA
3 Present on Sample Y (N) NA
4 Unbroken on Sample Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

P.1
435-542-3255
Deanna Mecham
Mar 30 07 09:50a

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 76981

Preservation Check Sheet

			Sample Set Extension and pH															
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4																	
Nutrients[1]	pH <2 H_2SO_4																	
O & G	pH <2 HCL	✓																
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Laboratory Director

Peggy McNicol
QA Officer

May 11, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L77519

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 4/27/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-01E
Field Sample ID: **Mud Creek**
Collected: 4/25/2007 4:45:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/9/2007 2:36:39 PM	6010B	0.050	**0.53**
Manganese	mg/L	5/9/2007 2:36:39 PM	6010B	0.0050	**0.043**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-02E
Field Sample ID: **Sulfur Spring**
Collected: 4/25/2007 5:00:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/9/2007 2:48:29 PM	6010B	0.050	< 0.050
Manganese	mg/L	5/9/2007 2:48:29 PM	6010B	0.0050	**0.029**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-03E
Field Sample ID: **Res-1**
Collected: 4/25/2007 5:25:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/9/2007 2:52:23 PM	6010B	0.050	**4.6**
Manganese	mg/L	5/9/2007 2:52:23 PM	6010B	0.0050	**0.18**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-04E
Field Sample ID: **Miller Outlet**
Collected: 4/25/2007 5:45:00 PM
Received: 4/27/2007

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Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	5/9/2007 3:04:19 PM	6010B	0.050	**2.1**
Manganese	mg/L	5/9/2007 3:04:19 PM	6010B	0.0050	**0.092**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-01F
Field Sample ID: **Mud Creek**
Collected: 4/25/2007 4:45:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/9/2007 11:00:47 AM	6010B	0.10	< 0.10
Arsenic	mg/L	5/2/2007 3:31:37 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/9/2007 11:00:47 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/2/2007 3:31:37 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/9/2007 10:26:40 AM	6010B	10	**63** *
Copper	mg/L	5/2/2007 3:31:37 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/9/2007 11:00:47 AM	6010B	0.050	< 0.050
Lead	mg/L	5/2/2007 3:31:37 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/9/2007 11:00:47 AM	6010B	1.0	**33**
Manganese	mg/L	5/2/2007 3:31:37 PM	6020	0.0050	**0.016**
Molybdenum	mg/L	5/9/2007 11:00:47 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/9/2007 11:00:47 AM	6010B	1.0	**5.3**
Selenium	mg/L	5/2/2007 3:31:37 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/9/2007 11:00:47 AM	6010B	1.0	**40**
Zinc	mg/L	5/2/2007 3:31:37 PM	6020	0.010	< 0.010

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-02F
Field Sample ID: **Sulfur Spring**
Collected: 4/25/2007 5:00:00 PM
Received: 4/27/2007

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Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/9/2007 11:16:20 AM	6010B	0.10	< 0.10
Arsenic	mg/L	5/2/2007 3:47:49 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/9/2007 11:16:20 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/2/2007 3:47:49 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/9/2007 10:38:21 AM	6010B	10	**90** *
Copper	mg/L	5/2/2007 3:47:49 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/9/2007 11:16:20 AM	6010B	0.050	< 0.050
Lead	mg/L	5/2/2007 3:47:49 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/9/2007 11:16:20 AM	6010B	1.0	**36**
Manganese	mg/L	5/2/2007 3:47:49 PM	6020	0.0050	**0.031**
Molybdenum	mg/L	5/9/2007 11:16:20 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/9/2007 11:16:20 AM	6010B	1.0	**4.9**
Selenium	mg/L	5/2/2007 3:47:49 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/9/2007 11:16:20 AM	6010B	1.0	**8.5**
Zinc	mg/L	5/2/2007 3:47:49 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-03F
Field Sample ID: **Res-1**
Collected: 4/25/2007 5:25:00 PM
Received: 4/27/2007

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Laboratory Director

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/9/2007 11:20:13 AM	6010B	0.10	< 0.10
Arsenic	mg/L	5/2/2007 4:22:59 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/9/2007 11:20:13 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/2/2007 4:22:59 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/9/2007 10:42:14 AM	6010B	10	**54** *
Copper	mg/L	5/2/2007 4:22:59 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/9/2007 11:20:13 AM	6010B	0.050	< 0.050
Lead	mg/L	5/2/2007 4:22:59 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/9/2007 11:20:13 AM	6010B	1.0	**21**
Manganese	mg/L	5/2/2007 4:22:59 PM	6020	0.0050	**0.013**
Molybdenum	mg/L	5/9/2007 11:20:13 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/9/2007 11:20:13 AM	6010B	1.0	**2.8**
Selenium	mg/L	5/2/2007 4:22:59 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/9/2007 11:20:13 AM	6010B	1.0	**22**
Zinc	mg/L	5/2/2007 4:22:59 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L77519-04F
Field Sample ID: **Miller Outlet**
Collected: 4/25/2007 5:45:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	5/9/2007 11:24:06 AM	6010B	0.10	< 0.10
Arsenic	mg/L	5/2/2007 4:28:15 PM	6020	0.0050	< 0.0050
Boron	mg/L	5/9/2007 11:24:06 AM	6010B	0.50	< 0.50
Cadmium	mg/L	5/2/2007 4:28:15 PM	6020	0.0040	< 0.0040
Calcium	mg/L	5/9/2007 10:46:07 AM	6010B	10	**83** *
Copper	mg/L	5/2/2007 4:28:15 PM	6020	0.0040	< 0.0040
Iron	mg/L	5/9/2007 11:24:06 AM	6010B	0.050	< 0.050
Lead	mg/L	5/2/2007 4:28:15 PM	6020	0.0050	< 0.0050
Magnesium	mg/L	5/9/2007 11:24:06 AM	6010B	1.0	**16**
Manganese	mg/L	5/2/2007 4:28:15 PM	6020	0.0050	**0.0090**
Molybdenum	mg/L	5/9/2007 11:24:06 AM	6010B	0.10	< 0.10
Potassium	mg/L	5/9/2007 11:24:06 AM	6010B	1.0	**2.0**
Selenium	mg/L	5/2/2007 4:28:15 PM	6020	0.0050	< 0.0050
Sodium	mg/L	5/9/2007 11:24:06 AM	6010B	1.0	**15**
Zinc	mg/L	5/2/2007 4:28:15 PM	6020	0.010	< 0.010

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-01
Field Sample ID: **Mud Creek**
Collected: 4/25/2007 4:45:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/30/2007 7:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	5/2/2007 11:16:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**210**
Carbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	< 20
Chloride	mg/L	4/29/2007 12:42:00 PM	300.0	5.0	**24**
Hardness (as CaCO3)	mg/L	5/9/2007 10:26:40 AM	SM2340 B	10	**300**
Nitrate (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	**0.19**
Nitrite (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	5/3/2007 1:20:00 PM	EPA 1664A	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	4/27/2007 1:28:00 PM	365.1	0.050	< 0.050
Settleable Solids	ml/L	4/27/2007 1:30:00 PM	160.5	0.10	**0.20**
Sulfate	mg/L	4/29/2007 1:15:00 PM	300.0	50	**120**
TDS	mg/L	4/30/2007 1:20:00 PM	160.1	20	**360**
TSS	mg/L	4/27/2007 3:00:00 PM	160.2	3.0	**30**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-02
Field Sample ID: **Sulfur Spring**
Collected: 4/25/2007 5:00:00 PM
Received: 4/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/30/2007 7:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	5/2/2007 11:16:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	< 20
Chloride	mg/L	4/29/2007 1:48:00 PM	300.0	1.0	**6.6**
Hardness (as CaCO3)	mg/L	5/9/2007 10:38:21 AM	SM2340 B	10	**370**
Nitrate (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	5/3/2007 1:20:00 PM	EPA 1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	4/27/2007 1:28:00 PM	365.1	0.050	< 0.050
Settleable Solids	ml/L	4/27/2007 1:30:00 PM	160.5	0.10	< 0.10
Sulfate	mg/L	4/29/2007 2:22:00 PM	300.0	10	**45**
TDS	mg/L	4/30/2007 1:20:00 PM	160.1	20	**380**
TSS	mg/L	4/27/2007 3:00:00 PM	160.2	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-03
Field Sample ID: **Res-1**
Collected: 4/25/2007 5:25:00 PM
Received: 4/27/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/30/2007 7:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**180**
Ammonia (as N)	mg/L	5/2/2007 11:16:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**180**
Carbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	< 20
Chloride	mg/L	4/29/2007 2:55:00 PM	300.0	5.0	**12**
Hardness (as CaCO3)	mg/L	5/9/2007 10:42:14 AM	SM2340 B	10	**220**
Nitrate (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	**0.032**
Nitrite (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	**0.039**
Oil & Grease	mg/L	5/3/2007 1:20:00 PM	EPA 1664A	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	4/27/2007 1:28:00 PM	365.1	0.050	**0.092**
Settleable Solids	ml/L	4/27/2007 1:30:00 PM	160.5	0.10	**0.50**
Sulfate	mg/L	4/29/2007 3:28:00 PM	300.0	50	**60**
TDS	mg/L	4/30/2007 1:20:00 PM	160.1	20	**210**
TSS	mg/L	4/27/2007 3:00:00 PM	160.2	8.0	**200**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L77519-04
Field Sample ID: **Miller Outlet**
Collected: 4/25/2007 5:45:00 PM
Received: 4/27/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	4/30/2007 7:30:00 AM	305.1	15	< 15
Alkalinity,(As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**240**
Ammonia (as N)	mg/L	5/2/2007 11:16:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	4/30/2007 7:00:00 AM	2320B	20	< 20
Chloride	mg/L	4/29/2007 6:48:00 PM	300.0	10	**11**
Hardness (as CaCO3)	mg/L	5/9/2007 10:46:07 AM	SM2340 B	10	**280**
Nitrate (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	**0.22**
Nitrite (as N)	mg/L	4/27/2007 2:36:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	5/3/2007 1:20:00 PM	EPA 1664A	3.0	**3.0**
Phosphate, ortho (as P)	mg/L	4/27/2007 1:28:00 PM	365.1	0.050	< 0.050
Settleable Solids	ml/L	4/27/2007 1:30:00 PM	160.5	0.10	**0.10**
Sulfate	mg/L	4/29/2007 6:48:00 PM	300.0	10	**30**
TDS	mg/L	4/30/2007 1:20:00 PM	160.1	20	**290**
TSS	mg/L	4/27/2007 3:00:00 PM	160.2	3.0	**72**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-34351	Arsenic	mg/L	6020	0.2097	0.2	0	105	85-115				5/2/2007
LCS-34351	Cadmium	mg/L	6020	0.2154	0.2	0	108	85-115				5/2/2007
LCS-34351	Copper	mg/L	6020	0.2138	0.2	0	107	85-115				5/2/2007
LCS-34351	Lead	mg/L	6020	0.2000	0.2	0	100	85-115				5/2/2007
LCS-34351	Manganese	mg/L	6020	0.2152	0.2	0	108	85-115				5/2/2007
LCS-34351	Selenium	mg/L	6020	0.2073	0.2	0	104	85-115				5/2/2007
LCS-34351	Zinc	mg/L	6020	1.064	1	0	106	85-115				5/2/2007
LCS-34452	Iron	mg/L	6010B	1.144	1	0	114	75-125				5/9/2007
LCS-34452	Manganese	mg/L	6010B	0.2081	0.2	0	104	75-125				5/9/2007
LCS-34351	Aluminum	mg/L	6010B	1.079	1	0	108	75-125				5/9/2007
LCS-34351	Boron	mg/L	6010B	1.077	1	0	108	75-125				5/9/2007
LCS-34351	Calcium	mg/L	6010B	10.96	10	0	110	75-125				5/9/2007
LCS-34351	Iron	mg/L	6010B	1.169	1	0	117	75-125				5/9/2007
LCS-34351	Magnesium	mg/L	6010B	10.93	10	0	109	75-125				5/9/2007
LCS-34351	Molybdenum	mg/L	6010B	0.2140	0.2	0	107	75-125				5/9/2007
LCS-34351	Potassium	mg/L	6010B	10.41	10	0	104	75-125				5/9/2007
LCS-34351	Sodium	mg/L	6010B	9.821	10	0	98.2	75-125				5/9/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-34351	Arsenic	mg/L	6020	< 0.0050				-				5/2/2007
MB-34351	Cadmium	mg/L	6020	< 0.0040				-				5/2/2007
MB-34351	Lead	mg/L	6020	< 0.0050				-				5/2/2007
MB-34351	Manganese	mg/L	6020	< 0.0050				-				5/2/2007
MB-34351	Selenium	mg/L	6020	< 0.0050				-				5/2/2007
MB-34351	Zinc	mg/L	6020	< 0.010				-				5/3/2007
MB-34351	Copper	mg/L	6020	< 0.0040				-				5/9/2007
MB-34452	Iron	mg/L	6010B	< 0.050				-				5/9/2007
MB-34452	Manganese	mg/L	6010B	< 0.0050				-				5/9/2007
MB-34351	Aluminum	mg/L	6010B	< 0.10				-				5/9/2007
MB-34351	Boron	mg/L	6010B	< 0.50				-				5/9/2007
MB-34351	Calcium	mg/L	6010B	< 1.0				-				5/9/2007
MB-34351	Iron	mg/L	6010B	< 0.050				-				5/9/2007
MB-34351	Magnesium	mg/L	6010B	< 1.0				-				5/9/2007
MB-34351	Molybdenum	mg/L	6010B	< 0.040				-				5/9/2007
MB-34351	Potassium	mg/L	6010B	< 1.0				-				5/9/2007
MB-34351	Sodium	mg/L	6010B	< 1.0				-				5/9/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L77498-01IMS	Arsenic	mg/L	6020	0.2488	0.2	0.02794	110	70-130				5/2/2007
L77498-01IMS	Cadmium	mg/L	6020	0.2019	0.2	0	101	70-130				5/2/2007
L77498-01IMS	Copper	mg/L	6020	0.1623	0.2	.0	81.1	70-130				5/2/2007
L77498-01IMS	Lead	mg/L	6020	0.1795	0.2	0	89.8	70-130				5/2/2007
L77498-01IMS	Manganese	mg/L	6020	0.5184	0.2	0.331	93.7	70-130				5/2/2007
L77498-01IMS	Selenium	mg/L	6020	0.2038	0.2	0.008529	97.6	70-130				5/2/2007
L77498-01IMS	Zinc	mg/L	6020	1.031	1	0.004515	103	70-130				5/2/2007
L77519-01FMS	Arsenic	mg/L	6020	0.2271	0.2	0	114	70-130				5/2/2007
L77519-01FMS	Cadmium	mg/L	6020	0.2169	0.2	0	108	70-130				5/2/2007
L77519-01FMS	Copper	mg/L	6020	0.2124	0.2	0	106	70-130				5/2/2007
L77519-01FMS	Lead	mg/L	6020	0.1980	0.2	0	99.0	70-130				5/2/2007
L77519-01FMS	Manganese	mg/L	6020	0.2341	0.2	0.01635	109	70-130				5/2/2007
L77519-01FMS	Selenium	mg/L	6020	0.2116	0.2	0	106	70-130				5/2/2007
L77519-01FMS	Zinc	mg/L	6020	1.063	1	0.006118	106	70-130				5/2/2007
L77498-01HMS	Iron	mg/L	6010B	1.698	1	0.669	103	75-125				5/9/2007
L77498-01HMS	Manganese	mg/L	6010B	0.5000	0.2	0.343	78.5	75-125				5/9/2007
L77519-01EMS	Iron	mg/L	6010B	1.641	1	0.529	111	75-125				5/9/2007
L77519-01EMS	Manganese	mg/L	6010B	0.2414	0.2	0.04303	99.2	75-125				5/9/2007
L77519-01FMS	Aluminum	mg/L	6010B	1.158	1	0.0461	111	75-125				5/9/2007
L77519-01FMS	Boron	mg/L	6010B	1.347	1	0.0958	125	75-125				5/9/2007
L77519-01FMS	Iron	mg/L	6010B	1.206	1	0.01265	119	75-125				5/9/2007
L77519-01FMS	Magnesium	mg/L	6010B	44.14	10	33.13	110	75-125				5/9/2007
L77519-01FMS	Molybdenum	mg/L	6010B	0.2239	0.2	0	112	75-125				5/9/2007
L77519-01FMS	Potassium	mg/L	6010B	16.04	10	5.279	108	75-125				5/9/2007
L77519-01FMS	Sodium	mg/L	6010B	50.27	10	39.56	107	75-125				5/9/2007
L77519-01FMS	Calcium	mg/L	6010B	75.21	10	63.39	118	75-125				5/9/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L77498-01IMSD	Arsenic	mg/L	6020	0.2590	0.2	0.02794	116	70-130	4.02	20		5/2/2007
L77498-01IMSD	Cadmium	mg/L	6020	0.2104	0.2	0	105	70-130	4.16	20		5/2/2007
L77498-01IMSD	Copper	mg/L	6020	0.1747	0.2	.0	87.3	70-130	7.35	20		5/2/2007
L77498-01IMSD	Lead	mg/L	6020	0.1896	0.2	0	94.8	70-130	5.46	20		5/2/2007
L77498-01IMSD	Manganese	mg/L	6020	0.5460	0.2	0.331	107	70-130	5.19	20		5/2/2007
L77498-01IMSD	Selenium	mg/L	6020	0.2240	0.2	0.008529	108	70-130	9.44	20		5/2/2007
L77498-01IMSD	Zinc	mg/L	6020	1.083	1	0.004515	108	70-130	4.90	20		5/2/2007
L77519-01FMSD	Arsenic	mg/L	6020	0.2163	0.2	0	108	70-130	4.85	20		5/2/2007
L77519-01FMSD	Cadmium	mg/L	6020	0.2088	0.2	0	104	70-130	3.77	20		5/2/2007
L77519-01FMSD	Copper	mg/L	6020	0.2091	0.2	0	105	70-130	1.57	20		5/2/2007
L77519-01FMSD	Lead	mg/L	6020	0.1941	0.2	0	97.1	70-130	1.95	20		5/2/2007
L77519-01FMSD	Manganese	mg/L	6020	0.2318	0.2	0.01635	108	70-130	0.951	20		5/2/2007
L77519-01FMSD	Selenium	mg/L	6020	0.2048	0.2	0	102	70-130	3.26	20		5/2/2007
L77519-01FMSD	Zinc	mg/L	6020	1.024	1	0.006118	102	70-130	3.75	20		5/2/2007
L77498-01HMSD	Iron	mg/L	6010B	1.685	1	0.669	102	75-125	0.813	20		5/9/2007
L77498-01HMSD	Manganese	mg/L	6010B	0.5232	0.2	0.343	90.1	75-125	4.52	20		5/9/2007
L77519-01EMSD	Iron	mg/L	6010B	1.608	1	0.529	108	75-125	2.02	20		5/9/2007
L77519-01EMSD	Manganese	mg/L	6010B	0.2428	0.2	0.04303	99.9	75-125	0.588	20		5/9/2007
L77519-01FMSD	Aluminum	mg/L	6010B	1.081	1	0.0461	103	75-125	6.95	20		5/9/2007
L77519-01FMSD	Boron	mg/L	6010B	1.247	1	0.0958	115	75-125	7.71	20		5/9/2007
L77519-01FMSD	Iron	mg/L	6010B	1.159	1	0.01265	115	75-125	4.00	20		5/9/2007
L77519-01FMSD	Magnesium	mg/L	6010B	43.33	10	33.13	102	75-125	1.84	20		5/9/2007
L77519-01FMSD	Molybdenum	mg/L	6010B	0.2084	0.2	0	104	75-125	7.16	20		5/9/2007
L77519-01FMSD	Potassium	mg/L	6010B	15.55	10	5.279	103	75-125	3.06	20		5/9/2007
L77519-01FMSD	Sodium	mg/L	6010B	49.43	10	39.56	98.7	75-125	1.67	20		5/9/2007
L77519-01FMSD	Calcium	mg/L	6010B	72.55	10	63.39	91.6	75-125	3.59	20		5/9/2007

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L77498-01CDUP	TDS	mg/L	160.1	11800	0	11960		-	1.35	20		4/30/2007
L77519-01ADUP	TDS	mg/L	160.1	368.0	0	360		-	2.20	20		4/30/2007
L77519-04ADUP	TSS	mg/L	160.2	75.00	0	72		-	4.08	20		4/27/2007
L77522-01ADUP	TSS	mg/L	160.2	98.00	0	92		-	6.32	20		4/27/2007

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Peggy McNicol
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R69169	Alkalinity,(As CaCO3)	mg/L	2320B	52140	50000	0	104	90-110				4/30/2007
LCS-R69182	Chloride	mg/L	300.0	5.071	5	0	101	90-110				4/29/2007
LCS-R69182	Sulfate	mg/L	300.0	5.425	5	0	108	90-110				4/29/2007
LCS-R69170	Acidity	mg/L	305.1	50.00	50	0	100	80-120				4/30/2007
LCS-34369	Ammonia (as N)	mg/L	350.1	1.009	1	0	101	90-110				5/2/2007
LCS-69134	Nitrite (as N)	mg/L	353.2	0.9960	1	0	99.6	90-110				4/27/2007
LCS-69135	Nitrate (as N)	mg/L	353.2	1.007	1	0	101	90-110				4/27/2007
LCS-R69380	Oil & Grease	mg/L	EPA 1664A	41.20	40	0	103	79-114				5/3/2007
LCS-69129	Phosphate, ortho (as P)	mg/L	365.1	0.9850	1	0	98.5	90-110				4/27/2007
LCS-R69264	TDS	mg/L	160.1	184.0	205	0	89.8	80-120				4/30/2007
LCS-R69176	TSS	mg/L	160.2	97.00	100	0	97.0	80-120				4/27/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R69169	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				4/30/2007
MB-R69169	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				4/30/2007
MB-R69169	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				4/30/2007
MB-R69182	Chloride	mg/L	300.0	< 1.0				-				4/29/2007
MB-R69182	Sulfate	mg/L	300.0	< 1.0				-				4/29/2007
MB-R69170	Acidity	mg/L	305.1	< 15				-				4/30/2007
MB-34369	Ammonia (as N)	mg/L	350.1	< 0.050				-				5/2/2007
MB-69134	Nitrite (as N)	mg/L	353.2	< 0.010				-				4/27/2007
MB-69135	Nitrate (as N)	mg/L	353.2	< 0.010				-				4/27/2007
MB-R69380	Oil & Grease	mg/L	EPA 1664A	< 3.0				-				5/3/2007
MB-69129	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				4/27/2007
MB-R69264	TDS	mg/L	160.1	< 10				-				4/30/2007
MB-R69176	TSS	mg/L	160.2	< 3.0				-				4/27/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L77519-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	327.0	100	224	103	80-120				4/30/2007
L77477-03BMS	Chloride	mg/L	300.0	8787	5000	3426	107	90-110				4/29/2007
L77477-03BMS	Sulfate	mg/L	300.0	1477	1000	349.1	113	90-110			[1]	4/29/2007
L77519-04BMS	Chloride	mg/L	300.0	62.90	50	10.64	105	90-110				4/29/2007
L77519-04BMS	Sulfate	mg/L	300.0	84.59	50	30.39	108	90-110				4/29/2007
L77519-01BMS	Acidity	mg/L	305.1	48.00	50	0	96.0	80-120				4/30/2007
L77519-02CMS	Ammonia (as N)	mg/L	350.1	0.9460	1	0.023	92.3	90-110				5/2/2007
L77519-01BMS	Nitrite (as N)	mg/L	353.2	1.090	1	0	109	90-110				4/27/2007
L77498-01BMS	Nitrate (as N)	mg/L	353.2	1.395	1	0.373	102	90-110				4/27/2007
L77519-01BMS	Nitrate (as N)	mg/L	353.2	1.249	1	0.187	106	90-110				4/27/2007
L77519-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.043	1	0.016	103	90-110				4/27/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L77519-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	330.0	100	224	106	80-120	0.913	10		4/30/2007
L77477-03BMSD	Chloride	mg/L	300.0	8737	5000	3426	106	90-110	0.569	20		4/29/2007
L77477-03BMSD	Sulfate	mg/L	300.0	1428	1000	349.1	108	90-110	3.35	20		4/29/2007
L77519-04BMSD	Chloride	mg/L	300.0	62.85	50	10.64	104	90-110	0.0716	20		4/29/2007
L77519-04BMSD	Sulfate	mg/L	300.0	83.99	50	30.39	107	90-110	0.715	20		4/29/2007
L77519-01BMSD	Acidity	mg/L	305.1	50.00	50	0	100	80-120	4.08	20		4/30/2007
L77519-02CMSD	Ammonia (as N)	mg/L	350.1	0.9710	1	0.023	94.8	90-110	2.61	10		5/2/2007
L77519-01BMSD	Nitrite (as N)	mg/L	353.2	1.061	1	0	106	90-110	2.70	10		4/27/2007
L77498-01BMSD	Nitrate (as N)	mg/L	353.2	1.367	1	0.373	99.4	90-110	2.03	10		4/27/2007
L77519-01BMSD	Nitrate (as N)	mg/L	353.2	1.256	1	0.187	107	90-110	0.559	10		4/27/2007
L77519-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.005	1	0.016	98.9	90-110	3.71	10		4/27/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R69380	Oil & Grease	mg/L	EPA 1664A	37.80	40	0	94.5	79-114				5/3/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L77519
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R69380	Oil & Grease	mg/L	EPA 1664A	39.00	40	0	97.5	79-114	3.12	18		5/3/2007

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American West Analytical Labs

WORK ORDER Summary

27-Apr-07

Work Order L77519

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L77519-01A	Mud Creek	4/25/2007 4:45:00 PM	4/27/2007	5/11/2007	Aqueous	SS	ww - tss/tds/ss	1
				5/11/2007		TDS-W	ww - tss/tds/ss	1
				5/11/2007		TSS-W	ww - tss/tds/ss	1
L77519-01B				5/11/2007		2320B-ALK-W	apr 27 - wc	1
				5/11/2007		300.0-W	apr 27 - wc	1
				5/11/2007		ACIDITY-W	apr 27 - wc	1
				5/11/2007		NO2-W	apr 27 - wc	1
				5/11/2007		NO3-W	apr 27 - wc	1
				5/11/2007		PO4-O	apr 27 - wc	1
L77519-01C				5/11/2007		NH3-W	apr 27 - nh3	1
				5/11/2007		NH3-W-PREP	apr 27 - nh3	1
L77519-01D				5/11/2007		OGB-W	ogb	1
L77519-01E				5/11/2007		3005A-ICPMS	apr 27 - met-total	1
				5/11/2007		ICP-W	apr 27 - met-total	1
L77519-01F				5/11/2007	Aqueous-Dissolved	3005A-Diss	apr 27 - dis met	1
				5/11/2007		6020-W-DISS	apr 27 - dis met	1
				5/11/2007		HARD	apr 27 - dis met	1
				5/11/2007		ICP-W-DIS	apr 27 - dis met	1
L77519-02A	Sulfur Spring	4/25/2007 5:00:00 PM		5/11/2007	Aqueous	SS	ww - tss/tds/ss	1
				5/11/2007		TDS-W	ww - tss/tds/ss	1
				5/11/2007		TSS-W	ww - tss/tds/ss	1
L77519-02B				5/11/2007		2320B-ALK-W	apr 27 - wc	1
				5/11/2007		300.0-W	apr 27 - wc	1
				5/11/2007		ACIDITY-W	apr 27 - wc	1
				5/11/2007		NO2-W	apr 27 - wc	1
				5/11/2007		NO3-W	apr 27 - wc	1
				5/11/2007		PO4-O	apr 27 - wc	1

WORK ORDER Summary

27-Apr-07

Work Order L77519

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L77519-02C	Sulfur Spring	4/25/2007 5:00:00 PM	4/27/2007	5/11/2007	Aqueous	NH3-W	apr 27 - nh3	1
				5/11/2007		NH3-W-PREP	apr 27 - nh3	1
L77519-02D				5/11/2007		OGB-W	ogb	1
L77519-02E				5/11/2007		3005A-ICPMS	apr 27 - met-total	1
				5/11/2007		ICP-W	apr 27 - met-total	1
L77519-02F				5/11/2007	Aqueous-Dissolved	3005A-Diss	apr 27 - dis met	1
				5/11/2007		6020-W-DISS	apr 27 - dis met	1
				5/11/2007		HARD	apr 27 - dis met	1
				5/11/2007		ICP-W-DIS	apr 27 - dis met	1
L77519-03A	Res-1	4/25/2007 5:25:00 PM		5/11/2007	Aqueous	SS	ww - tss/tds/ss	1
				5/11/2007		TDS-W	ww - tss/tds/ss	1
				5/11/2007		TSS-W	ww - tss/tds/ss	1
L77519-03B				5/11/2007		2320B-ALK-W	apr 27 - wc	1
				5/11/2007		300.0-W	apr 27 - wc	1
				5/11/2007		ACIDITY-W	apr 27 - wc	1
				5/11/2007		NO2-W	apr 27 - wc	1
				5/11/2007		NO3-W	apr 27 - wc	1
				5/11/2007		PO4-O	apr 27 - wc	1
L77519-03C				5/11/2007		NH3-W	apr 27 - nh3	1
				5/11/2007		NH3-W-PREP	apr 27 - nh3	1
L77519-03D				5/11/2007		OGB-W	ogb	1
L77519-03E				5/11/2007		3005A-ICPMS	apr 27 - met-total	1
				5/11/2007		ICP-W	apr 27 - met-total	1
L77519-03F				5/11/2007	Aqueous-Dissolved	3005A-Diss	apr 27 - dis met	1
				5/11/2007		6020-W-DISS	apr 27 - dis met	1
				5/11/2007		HARD	apr 27 - dis met	1
				5/11/2007		ICP-W-DIS	apr 27 - dis met	1
L77519-04A	Miller Outlet	4/25/2007 5:45:00 PM		5/11/2007	Aqueous	SS	ww - tss/tds/ss	1

WORK ORDER Summary

27-Apr-07

Work Order L77519

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L77519-04A	Miller Outlet	4/25/2007 5:45:00 PM	4/27/2007	5/11/2007	Aqueous	TDS-W	ww - tss/tds/ss	1
				5/11/2007		TSS-W	ww - tss/tds/ss	1
L77519-04B				5/11/2007		2320B-ALK-W	apr 27 - wc	1
				5/11/2007		300.0-W	apr 27 - wc	1
				5/11/2007		ACIDITY-W	apr 27 - wc	1
				5/11/2007		NO2-W	apr 27 - wc	1
				5/11/2007		NO3-W	apr 27 - wc	1
				5/11/2007		PO4-O	apr 27 - wc	1
L77519-04C				5/11/2007		NH3-W	apr 27 - nh3	1
				5/11/2007		NH3-W-PREP	apr 27 - nh3	1
L77519-04D				5/11/2007		OGB-W	ogb	1
L77519-04E				5/11/2007		3005A-ICPMS	apr 27 - met-total	1
				5/11/2007		ICP-W	apr 27 - met-total	1
L77519-04F				5/11/2007	Aqueous-Dissolved	3005A-Diss	apr 27 - dis met	1
				5/11/2007		6020-W-DISS	apr 27 - dis met	1
				5/11/2007		HARD	apr 27 - dis met	1
				5/11/2007		ICP-W-DIS	apr 27 - dis met	1

Client CARBON RESOURCES c/o ROCK LOGIC

Address P.O. BOX 544

CEDAREDGE CO 81413

City State Zip

Phone (435) 851-9044 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGICCONSULTING@gmail.com

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 77519

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day **Standard**

QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE M												COMMENTS
MUD CREEK	4-25-07 16:45	W	6	↓												
SULFUR SPRING	17:00			↓												
RES-1	17:25			↓												
MILLER OUTLET	17:45			↓												

Please indicate tests needed below

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or Hand delivered
Notes: UPS
2 Ambient or Chilled
Notes: on ice
3 Temperature 4°
4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:
5 Properly Preserved (Y) N
Notes:
6 Received Within Holding Times (Y) N
Notes:

COC Tape Was:
1 Present on Outer Package (Y) N NA
2 Unbroken on Outer Package (Y) N NA
3 Present on Sample Y (N) NA
4 Unbroken on Sample Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: *Signature*	Date	Received By: *Signature*
BRAD LINDSAY	4-26-07	UPS
PRINT NAME BRAD LINDSAY	Time 10:50	PRINT NAME
Relinquished By: *Signature*	Date	Received By: *Signature* Denise Brunn 4/27/07
PRINT NAME	Time	PRINT NAME Denise Brunn 10:05

Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME
Relinquished By: *Signature*	Date	Received By: *Signature*
PRINT NAME	Time	PRINT NAME

Special Instructions:

PLEASE FILTER FOR DISSOLVED SOLIDS

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	✓	Total Dissolved Solids	mg/l
*	✓	Total Settleable Solids	(UPDES)
*	✓	Total Suspended Solids	mg/l
*	✓	Total Hardness ($CaCO_3$)	mg/l
*	✓	Total Alkalinity	mg/l
	✓	Acidity	mg/l
	✓	Aluminum (Dissolved)	mg/l
	✓	Arsenic (Dissolved)	mg/l
	✓	Boron (Dissolved)[1]	mg/l
*	✓	Carbonate	mg/l
*	✓	Bicarbonate	mg/l
	✓	Cadmium (Dissolved)	mg/l
*	✓	Calcium (Dissolved)	mg/l
*	✓	Chloride	mg/l
	✓	Copper (Dissolved)	mg/l
*	✓	Iron (Dissolved)	mg/l
*	✓	Iron (Total)	mg/l
	✓	Lead (Dissolved)	mg/l
*	✓	Magnesium (Dissolved)	mg/l
*	✓	Manganese (Dissolved)	mg/l
*	✓	Manganese (Total)	mg/l
	✓	Molybdenum (Dissolved)	mg/l
	✓	Ammonia	mg/l
	✓	Nitrates	mg/l
	✓	Nitrites	mg/l
*	✓	Potassium (Dissolved)	mg/l
	✓	Phosphates(Ortho)	mg/l
	✓	Selenium[1] (Dissolved)	mg/l
*	✓	Sodium (Dissolved)	mg/l
*	✓	Sulfate	mg/l
	✓	Zinc (Dissolved)	mg/l
*	✓	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 77519

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:

1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

June 14, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L78061

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 5/30/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
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Toll Free (888) 263-8686
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e-mail: awal@awal-Labs.com

Lab Sample ID: L78061-01E
Field Sample ID: **Miller Outlet**
Collected: 5/29/2007 12:40:00 PM
Received: 5/30/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Iron	mg/L	6/12/2007 6:45:28 PM	6010B	0.050	**2.8**	[1]
Manganese	mg/L	6/12/2007 6:45:28 PM	6010B	0.0050	**0.12**	

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78061-02E
Field Sample ID: **Sulfur Spring**
Collected: 5/29/2007 1:00:00 PM
Received: 5/30/2007

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e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/12/2007 9:05:44 PM	6010B	0.050	**0.054**
Manganese	mg/L	6/12/2007 9:05:44 PM	6010B	0.0050	**0.027**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L78061-03E
Field Sample ID: **Mud Creek**
Collected: 5/29/2007 1:10:00 PM
Received: 5/30/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/12/2007 9:09:39 PM	6010B	0.050	**0.47**
Manganese	mg/L	6/12/2007 9:09:39 PM	6010B	0.0050	**0.032**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78061-04E
Field Sample ID: **Res-1**
Collected: 5/29/2007 1:30:00 PM
Received: 5/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	6/12/2007 9:20:37 PM	6010B	0.050	**7.1**
Manganese	mg/L	6/12/2007 9:20:37 PM	6010B	0.0050	**0.46**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78061-01F
Field Sample ID: **Miller Outlet**
Collected: 5/29/2007 12:40:00 PM
Received: 5/30/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	6/12/2007 11:35:11 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	6/1/2007 10:44:47 AM	6020	0.0050	< 0.0050	
Boron	mg/L	6/12/2007 8:01:08 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	6/1/2007 10:44:47 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	6/12/2007 10:54:36 AM	6010B	10	**75**	*
Copper	mg/L	6/8/2007 9:38:11 AM	6020	0.0040	< 0.0040	
Iron	mg/L	6/12/2007 8:01:08 PM	6010B	0.050	< 0.050	
Lead	mg/L	6/1/2007 10:44:47 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	6/12/2007 8:01:08 PM	6010B	1.0	**17**	
Manganese	mg/L	6/1/2007 10:44:47 AM	6020	0.0050	< 0.0050	
Molybdenum	mg/L	6/12/2007 8:01:08 PM	6010B	0.10	< 0.10	
Potassium	mg/L	6/12/2007 8:01:08 PM	6010B	1.0	**1.1**	
Selenium	mg/L	6/1/2007 10:44:47 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	6/12/2007 11:35:11 AM	6010B	1.0	**14**	[1]@
Zinc	mg/L	6/1/2007 10:44:47 AM	6020	0.010	**0.016**	

** The reporting limits were raised due to high analyte concentration.*

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

@ High RPD due to suspected matrix interference.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L78061-02F
Field Sample ID: **Sulfur Spring**
Collected: 5/29/2007 1:00:00 PM
Received: 5/30/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	6/12/2007 11:58:57 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	6/1/2007 11:11:44 AM	6020	0.0050	< 0.0050	
Boron	mg/L	6/12/2007 8:13:12 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	6/1/2007 11:11:44 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	6/12/2007 11:06:19 AM	6010B	10	**94**	*
Copper	mg/L	6/1/2007 11:11:44 AM	6020	0.0040	< 0.0040	
Iron	mg/L	6/12/2007 8:13:12 PM	6010B	0.050	< 0.050	
Lead	mg/L	6/1/2007 11:11:44 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	6/12/2007 8:13:12 PM	6010B	1.0	**37**	
Manganese	mg/L	6/1/2007 11:11:44 AM	6020	0.0050	**0.029**	
Molybdenum	mg/L	6/12/2007 8:13:12 PM	6010B	0.10	< 0.10	
Potassium	mg/L	6/12/2007 8:13:12 PM	6010B	1.0	**4.3**	
Selenium	mg/L	6/1/2007 11:11:44 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	6/12/2007 11:58:57 AM	6010B	1.0	**7.4**	
Zinc	mg/L	6/1/2007 11:11:44 AM	6020	0.010	< 0.010	

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78061-03F
Field Sample ID: **Mud Creek**
Collected: 5/29/2007 1:10:00 PM
Received: 5/30/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	6/12/2007 12:04:26 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	6/1/2007 11:17:07 AM	6020	0.0050	< 0.0050	
Boron	mg/L	6/12/2007 8:17:05 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	6/1/2007 11:17:07 AM	6020	0.0040	< 0.0040	
Calcium	mg/L	6/12/2007 11:10:15 AM	6010B	10	**69**	*
Copper	mg/L	6/1/2007 11:17:07 AM	6020	0.0040	< 0.0040	
Iron	mg/L	6/12/2007 8:17:05 PM	6010B	0.050	< 0.050	
Lead	mg/L	6/1/2007 11:17:07 AM	6020	0.0050	< 0.0050	
Magnesium	mg/L	6/12/2007 8:17:05 PM	6010B	1.0	**29**	
Manganese	mg/L	6/1/2007 11:17:07 AM	6020	0.0050	**0.012**	
Molybdenum	mg/L	6/12/2007 8:17:05 PM	6010B	0.10	< 0.10	
Potassium	mg/L	6/12/2007 8:17:05 PM	6010B	1.0	**3.8**	
Selenium	mg/L	6/1/2007 11:17:07 AM	6020	0.0050	< 0.0050	
Sodium	mg/L	6/12/2007 12:04:26 PM	6010B	1.0	**27**	
Zinc	mg/L	6/1/2007 11:17:07 AM	6020	0.010	**0.012**	

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L78061-04F
Field Sample ID: **Res-1**
Collected: 5/29/2007 1:30:00 PM
Received: 5/30/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	6/12/2007 12:08:58 PM	6010B	0.10	< 0.10
Arsenic	mg/L	6/1/2007 11:22:30 AM	6020	0.0050	< 0.0050
Boron	mg/L	6/12/2007 8:20:59 PM	6010B	0.50	< 0.50
Cadmium	mg/L	6/1/2007 11:22:30 AM	6020	0.0040	< 0.0040
Calcium	mg/L	6/12/2007 11:14:15 AM	6010B	10	**47** *
Copper	mg/L	6/1/2007 11:22:30 AM	6020	0.0040	< 0.0040
Iron	mg/L	6/12/2007 8:20:59 PM	6010B	0.050	< 0.050
Lead	mg/L	6/1/2007 11:22:30 AM	6020	0.0050	< 0.0050
Magnesium	mg/L	6/12/2007 8:20:59 PM	6010B	1.0	**22**
Manganese	mg/L	6/1/2007 11:22:30 AM	6020	0.0050	**0.042**
Molybdenum	mg/L	6/12/2007 8:20:59 PM	6010B	0.10	< 0.10
Potassium	mg/L	6/12/2007 8:20:59 PM	6010B	1.0	**2.0**
Selenium	mg/L	6/1/2007 11:22:30 AM	6020	0.0050	< 0.0050
Sodium	mg/L	6/12/2007 12:08:58 PM	6010B	1.0	**18**
Zinc	mg/L	6/1/2007 11:22:30 AM	6020	0.010	**0.010**

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78061-01
Field Sample ID: **Miller Outlet**
Collected: 5/29/2007 12:40:00 PM
Received: 5/30/2007

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	6/4/2007 9:45:00 AM	SM2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	6/6/2007 7:50:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	5/30/2007 7:01:00 PM	300.0	5.0	**9.7**
Hardness (as CaCO3)	mg/L	6/12/2007	SM2340 B	10	**260**
Nitrate (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	**0.025** [1]
Nitrite (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	**0.015**
Oil & Grease	mg/L	6/1/2007 1:00:00 PM	EPA 1664A	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	5/31/2007 7:51:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	5/30/2007 11:45:00 AM	SM2540F	0.10	**0.20**
Sulfate	mg/L	5/30/2007 7:01:00 PM	300.0	5.0	**23**
TDS	mg/L	6/1/2007 2:30:00 PM	160.1	20	**270**
TSS	mg/L	5/30/2007 3:30:00 PM	SM2540D	3.0	**120**

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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Kyle F. Gross
Laboratory Director

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QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78061-02
Field Sample ID: **Sulfur Spring**
Collected: 5/29/2007 1:00:00 PM
Received: 5/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	6/4/2007 9:45:00 AM	SM2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**330**
Ammonia (as N)	mg/L	6/6/2007 7:50:00 AM	350.1	0.050	**0.093** [1]
Bicarbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**330**
Carbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	5/30/2007 10:21:00 PM	300.0	1.0	**6.4**
Hardness (as CaCO3)	mg/L	6/12/2007	SM2340 B	10	**390**
Nitrate (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/1/2007 1:00:00 PM	EPA 1664A	3.0	**5.3**
Phosphate, ortho (as P)	mg/L	5/31/2007 7:51:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	5/30/2007 11:45:00 AM	SM2540F	0.10	< 0.10
Sulfate	mg/L	5/31/2007 12:01:00 AM	300.0	10	**46**
TDS	mg/L	6/1/2007 2:30:00 PM	160.1	20	**380**
TSS	mg/L	5/30/2007 3:30:00 PM	SM2540D	3.0	< 3.0

[1] *Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).*

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Sample Set: 1009035

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓														
COD	pH <2 H_2SO_4															
Cyanide	PH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3	pH <2 H_2SO_4															
Nutrients	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols	pH <2 H_2SO_4															
Sulfide	pH > 9NaOH, Zn Acetate															
TKN	pH <2 H_2SO_4															
TOC	pH <2 H_3PO_4															
TOX	pH <2 H_2SO_4															
T PO_4	pH <2 H_2SO_4															
TPH	pH <2 HCL															

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

TABLE 3

½ gallon HDPE
1 L HDPE
1 L HDPE
1-500 mL HNO3
1-250 mL H2SO4
1 amber 1 HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Client Rock Logic
Address P.O. Box 544
Cedaredge CO 81413
City State Zip
Phone 970-856-3401 Fax
Contact Brad Lindsay
E-mail lindsaybrad@gmail.com
Project Name Kinney #2 Baseline
Project Number/P.O.#
Sampler Name G.L. Hunt

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CHAIN OF CUSTODY

Lab Sample Set # 1009035
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: Table 3 on File										QC LEVEL 1 2 2+ 3 3+ 4 COMMENTS
CR-10-11	8-31-10 17:30	GW	6	✓										
CR-10-12	8-31-10 18:30	GW	6	✓										

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered (Shipped circled) Notes: UPS
2 Ambient or Chilled (Chilled circled) Notes: mia
3 Temperature 5.3
4 Received Broken/Leaking (Improperly Sealed) Y N (N circled) Notes:
5 Properly Preserved Y (Y circled) N Checked at Bench Y N Notes:
6 Received Within Holding Times Y (Y circled) N Notes:

COC Tape Was:
1 Present on Outer Package Y (Y circled) N NA
2 Unbroken on Outer Package Y (Y circled) N NA
3 Present on Sample Y N NA (NA circled)
4 Unbroken on Sample Y N NA (NA circled)

Discrepancies Between Sample Labels and COC Record? Y N (N circled) Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
[signature]	9-1-10		
PRINT NAME Greg Hunt GWS	Time 11:30	PRINT NAME	Time
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time
Relinquished By: Signature	Date	Received By: Signature [signature]	Date 9/2/10
PRINT NAME	Time	PRINT NAME Elma Hayward	Time 11:30

Special Instructions:
Please Filter!

WORK ORDER Summary

Work Order: 1009035

Client: Carbon Resources
Client ID: CAR300
Project: Kinney #2 Baseline
Comments: QC 2+, EDD;

Contact: Brad Lindsay
QC Level: LEVEL II+

WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009035-002F	CR-10-12	8/31/2010 6:30:00 PM	9/2/2010 10:30:00 AM	9/16/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								

WORK ORDER Summary

Work Order: 1009035

Client: Carbon Resources
Client ID: CAR300
Project: Kinney #2 Baseline
Comments: QC 2+, EDD;

Contact: Brad Lindsay
QC Level: LEVEL II+

WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009035-001F	CR-10-11	8/31/2010 5:30:00 PM	9/2/2010 10:30:00 AM	9/16/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								
1009035-002A	CR-10-12	8/31/2010 6:30:00 PM		9/16/2010		SS-W-2540F	☐	ww - ss/tss	
				9/16/2010		TDS-W-2540C	☐	ww - ss/tss	
				9/16/2010		TSS-W-2540D	☐	ww - ss/tss	
1009035-002B				9/16/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				9/16/2010		ACIDITY-W-2310B	☐	DF - wc	
				9/16/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				9/16/2010		NO2-W-353.2	☐	DF - wc	
				9/16/2010		NO3-W-353.2	☐	DF - wc	
				9/16/2010		PO4-O-365.1	☐	DF - wc	
1009035-002C				9/16/2010		OGB-W-1664A	☐	ogb	
1009035-002D				9/16/2010		NH3-W-350.1	☐	DF - nh3	
				9/16/2010		NH3-W-PR	☐	DF - nh3	
1009035-002E				9/16/2010		3005A-DIS-PR	☐	DF - dis met	
				9/16/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				9/16/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				9/16/2010		HARD-2340B	☐	DF - dis met	
1009035-002F				9/16/2010		3005A-ICPMS-PR	☐	DF - total met	
				9/16/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

American West Analytical Laboratories

WORK ORDER Summary

Work Order: 1009035

Client: Carbon Resources
Client ID: CAR300
Project: Kinney #2 Baseline
Comments: QC 2+, EDD;

Contact: Brad Lindsay
QC Level: LEVEL II+

WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009035-001A	CR-10-11	8/31/2010 5:30:00 PM	9/2/2010 10:30:00 AM	9/16/2010	Aqueous	SS-W-2540F	☐	ww - ss/tss	1
				9/16/2010		TDS-W-2540C	☐	ww - ss/tss	
				9/16/2010		TSS-W-2540D	☐	ww - ss/tss	
1009035-001B				9/16/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				9/16/2010		ACIDITY-W-2310B	☐	DF - wc	
				9/16/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				9/16/2010		NO2-W-353.2	☐	DF - wc	
				9/16/2010		NO3-W-353.2	☐	DF - wc	
				9/16/2010		PO4-O-365.1	☐	DF - wc	
1009035-001C				9/16/2010		OGB-W-1664A	☐	ogb	
1009035-001D				9/16/2010		NH3-W-350.1	☐	DF - nh3	
				9/16/2010		NH3-W-PR	☐	DF - nh3	
1009035-001E				9/16/2010		3005A-DIS-PR	☐	DF - dis met	
				9/16/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				9/16/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				9/16/2010		HARD-2340B	☐	DF - dis met	
1009035-001F				9/16/2010		3005A-ICPMS-PR	☐	DF - total met	
				9/16/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009003-001CMSD	Chloride	mg/L	E300.0	59.3	50.00	10.35	97.9	90-110	0.689	20		9/2/2010
1009003-001CMSD	Sulfate	mg/L	E300.0	74.5	50.00	24.50	100	90-110	0.0174	20		9/2/2010
1008598-005DMSD	Chloride	mg/L	E300.0	126	50.00	80.02	91.9	90-110	0.397	20		9/2/2010
1008598-005DMSD	Sulfate	mg/L	E300.0	85.3	50.00	36.25	98.1	90-110	0.492	20		9/2/2010
1009035-001BMSD	Chloride	mg/L	E300.0	39.1	25.00	14.71	97.6	90-110	0.0460	20		9/2/2010
1009035-001BMSD	Sulfate	mg/L	E300.0	53.0	25.00	28.26	99.1	90-110	0.0207	20		9/2/2010
1009035-002BMSD	Acidity	mg/L	A2310B	52.0	50.00	0	104	80-120	8.00	0		9/3/2010
1009035-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	322	100.0	214.0	108	80-120	1.56	10		9/3/2010
1009035-001DMSD	Ammonia (as N)	mg/L	E350.1	0.981	1.000	0	98.1	90-110	2.94	10		9/14/2010
1009035-001BMSD	Nitrite (as N)	mg/L	E353.2	1.12	1.000	0.08280	104	90-110	4.68	10		9/2/2010
1009035-001BMSD	Nitrate (as N)	mg/L	E353.2	12.9	10.00	2.538	104	90-110	7.37	10		9/2/2010
1009035-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	1.28	1.000	0.2251	105	90-110	4.15	10		9/2/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009003-001CMS	Chloride	mg/L	E300.0	59.7	50.00	10.35	98.7	90-110				9/2/2010
1009003-001CMS	Sulfate	mg/L	E300.0	74.5	50.00	24.50	100	90-110				9/2/2010
1008598-005DMS	Chloride	mg/L	E300.0	126	50.00	80.02	92.9	90-110				9/2/2010
1008598-005DMS	Sulfate	mg/L	E300.0	85.7	50.00	36.25	99.0	90-110				9/2/2010
1009035-001BMS	Chloride	mg/L	E300.0	39.1	25.00	14.71	97.6	90-110				9/2/2010
1009035-001BMS	Sulfate	mg/L	E300.0	53.0	25.00	28.26	99.1	90-110				9/2/2010
1009035-002BMS	Acidity	mg/L	A2310B	48.0	50.00	0	96.0	80-120				9/3/2010
1009035-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	317	100.0	214.0	103	80-120				9/3/2010
1009035-001DMS	Ammonia (as N)	mg/L	E350.1	0.953	1.000	0	95.3	90-110				9/14/2010
1009035-001BMS	Nitrite (as N)	mg/L	E353.2	1.18	1.000	0.08280	110	90-110				9/2/2010
1009035-001BMS	Nitrate (as N)	mg/L	E353.2	13.9	10.00	2.538	114	90-110			1	9/2/2010
1009035-001BMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	1.23	1.000	0.2251	100	90-110				9/2/2010

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R18092	Chloride	mg/L	E300.0	< 0.100				-				9/2/2010
MB-R18092	Sulfate	mg/L	E300.0	< 0.750				-				9/2/2010
MB-R18100	Acidity	mg/L	A2310B	< 15.0				-				9/3/2010
MB-R18095	Alkalinity (as CaCO3)	mg/L	A2320B	< 10.0				-				9/3/2010
MB-R18095	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/3/2010
MB-R18095	Carbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/3/2010
MB-8409	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				9/14/2010
MB-R18051	Nitrite (as N)	mg/L	E353.2	< 0.0100				-				9/2/2010
MB-R18053	Nitrate (as N)	mg/L	E353.2	< 0.0100				-				9/2/2010
MB-R18192	Oil & Grease	mg/L	E1664A	< 3.00				-				9/7/2010
MB-R18043	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.0500				-				9/2/2010
MB-R18144	Total Dissolved Solids	mg/L	A2540C	< 10.0				-				9/2/2010
MB-R18094	Total Suspended Solids	mg/L	A2540D	< 3.00				-				9/2/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: WC
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R18092	Chloride	mg/L	E300.0	4.89	5.000	0	97.8	90-110				9/2/2010
LCS-R18092	Sulfate	mg/L	E300.0	5.28	5.000	0	106	90-110				9/2/2010
LCS-R18100	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120				9/3/2010
LCS-R18095	Alkalinity (as CaCO3)	mg/L	A2320B	52,500	50,000	0	105	90-110				9/3/2010
LCS-8409	Ammonia (as N)	mg/L	E350.1	0.921	1.000	0	92.1	90-110				9/14/2010
LCS-R18051	Nitrite (as N)	mg/L	E353.2	1.08	1.000	0	108	90-110				9/2/2010
LCS-R18053	Nitrate (as N)	mg/L	E353.2	1.00	1.000	0	100	90-110				9/2/2010
LCS-R18192	Oil & Grease	mg/L	E1664A	39.8	40.00	2.800	92.5	78-114				9/7/2010
LCS-R18043	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.964	1.000	0	96.4	90-110				9/2/2010
LCS-R18144	Total Dissolved Solids	mg/L	A2540C	202	205.0	0	98.5	80-120				9/2/2010
LCS-R18094	Total Suspended Solids	mg/L	A2540D	102	100.0	0	102	80-120				9/2/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: WC
QC Type: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1008598-005HDUP	Total Dissolved Solids	mg/L	A2540C	724		756.0		-	4.32	5		9/2/2010
1009035-002ADUP	Total Dissolved Solids	mg/L	A2540C	292		308.0		-	5.33	5	@	9/2/2010
1008577-002ADUP	Total Suspended Solids	mg/L	A2540D	270		270.0		-	0	5		9/2/2010
1009022-002ADUP	Total Suspended Solids	mg/L	A2540D	< 3.00		1.000		-	0	5		9/2/2010
1009035-002ADUP	Total Suspended Solids	mg/L	A2540D	96.0		95.00		-	1.05	5		9/2/2010

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009035-001EMSD	Aluminum	mg/L	SW6010C	1.03	1.000	0	103	75-125	3.81	20		9/14/2010
1009035-001EMSD	Boron	mg/L	SW6010C	1.18	1.000	0.03100	115	75-125	1.68	20		9/14/2010
1009035-001EMSD	Iron	mg/L	SW6010C	1.01	1.000	0	101	75-125	0.985	20		9/14/2010
1009035-001EMSD	Magnesium	mg/L	SW6010C	22.7	10.00	12.40	103	75-125	2.18	20		9/14/2010
1009035-001EMSD	Molybdenum	mg/L	SW6010C	0.204	0.2000	0	102	75-125	1.94	20		9/14/2010
1009035-001EMSD	Potassium	mg/L	SW6010C	11.8	10.00	1.270	105	75-125	2.51	20		9/14/2010
1009035-001EMSD	Sodium	mg/L	SW6010C	21.4	10.00	11.50	99.0	75-125	2.31	20		9/14/2010
1009035-001EMSD	Calcium	mg/L	SW6010C	89.5	10.00	82.33	71.2	75-125	6.16	20	2	9/14/2010
1009035-001FMSD	Iron	mg/L	SW6010C	23.5	1.000	22.70	80.0	75-125	0.425	20		9/8/2010
1009035-001FMSD	Potassium	mg/L	SW6010C	18.9	10.00	6.790	121	75-125	1.57	20		9/8/2010
1009035-001FMSD	Sodium	mg/L	SW6010C	22.1	10.00	11.60	105	75-125	0.454	20		9/8/2010
1009035-001FMSD	Calcium	mg/L	SW6010C	141	10.00	133.0	80.0	75-125	0	20		9/8/2010
1009035-001FMSD	Magnesium	mg/L	SW6010C	30.2	10.00	18.60	116	75-125	3.03	20		9/8/2010
1009035-001EMSD	Arsenic	mg/L	SW6020A	0.209	0.2000	0.0005070	104	75-125	0.750	20		9/6/2010
1009035-001EMSD	Cadmium	mg/L	SW6020A	0.200	0.2000	0.00005300	100	75-125	0.0829	20		9/6/2010
1009035-001EMSD	Copper	mg/L	SW6020A	0.198	0.2000	0.001398	98.5	75-125	1.16	20		9/6/2010
1009035-001EMSD	Lead	mg/L	SW6020A	0.198	0.2000	0	98.8	75-125	3.15	20		9/6/2010
1009035-001EMSD	Manganese	mg/L	SW6020A	0.220	0.2000	0.01820	101	75-125	0.255	20		9/6/2010
1009035-001EMSD	Selenium	mg/L	SW6020A	0.204	0.2000	0.001295	101	75-125	2.21	20		9/6/2010
1009035-001EMSD	Zinc	mg/L	SW6020A	1.01	1.000	0.009585	99.8	75-125	0.254	20		9/6/2010
1009035-001FMSD	Lead	mg/L	SW6020A	0.221	0.2000	0.02460	98.4	75-125	0.882	20		9/6/2010
1009035-001FMSD	Manganese	mg/L	SW6020A	0.608	0.2000	0.4372	85.6	75-125	2.84	20		9/6/2010

2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009035-001EMS	Aluminum	mg/L	SW6010C	1.07	1.000	0	107	75-125				9/14/2010
1009035-001EMS	Boron	mg/L	SW6010C	1.20	1.000	0.03100	117	75-125				9/14/2010
1009035-001EMS	Iron	mg/L	SW6010C	1.02	1.000	0	102	75-125				9/14/2010
1009035-001EMS	Magnesium	mg/L	SW6010C	23.2	10.00	12.40	108	75-125				9/14/2010
1009035-001EMS	Molybdenum	mg/L	SW6010C	0.208	0.2000	0	104	75-125				9/14/2010
1009035-001EMS	Potassium	mg/L	SW6010C	12.1	10.00	1.270	108	75-125				9/14/2010
1009035-001EMS	Sodium	mg/L	SW6010C	21.9	10.00	11.50	104	75-125				9/14/2010
1009035-001EMS	Calcium	mg/L	SW6010C	95.1	10.00	82.33	128	75-125			2	9/14/2010
1009035-001FMS	Iron	mg/L	SW6010C	23.6	1.000	22.70	90.0	75-125				9/8/2010
1009035-001FMS	Potassium	mg/L	SW6010C	19.2	10.00	6.790	124	75-125				9/8/2010
1009035-001FMS	Sodium	mg/L	SW6010C	22.0	10.00	11.60	104	75-125				9/8/2010
1009035-001FMS	Calcium	mg/L	SW6010C	141	10.00	133.0	80.0	75-125				9/8/2010
1009035-001FMS	Magnesium	mg/L	SW6010C	29.3	10.00	18.60	107	75-125				9/8/2010
1009035-001EMS	Arsenic	mg/L	SW6020A	0.207	0.2000	0.0005070	103	75-125				9/6/2010
1009035-001EMS	Cadmium	mg/L	SW6020A	0.200	0.2000	0.00005300	100	75-125				9/6/2010
1009035-001EMS	Copper	mg/L	SW6020A	0.196	0.2000	0.001398	97.3	75-125				9/6/2010
1009035-001EMS	Lead	mg/L	SW6020A	0.204	0.2000	0	102	75-125				9/6/2010
1009035-001EMS	Manganese	mg/L	SW6020A	0.220	0.2000	0.01820	101	75-125				9/6/2010
1009035-001EMS	Selenium	mg/L	SW6020A	0.200	0.2000	0.001295	99.1	75-125				9/6/2010
1009035-001EMS	Zinc	mg/L	SW6020A	1.01	1.000	0.009585	100	75-125				9/6/2010
1009035-001FMS	Lead	mg/L	SW6020A	0.219	0.2000	0.02460	97.4	75-125				9/6/2010
1009035-001FMS	Manganese	mg/L	SW6020A	0.591	0.2000	0.4372	77.1	75-125				9/6/2010

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: ME
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-8314	Aluminum	mg/L	SW6010C	< 0.100				-				9/14/2010
MB-8314	Boron	mg/L	SW6010C	< 0.500				-				9/14/2010
MB-8314	Calcium	mg/L	SW6010C	< 1.00				-				9/14/2010
MB-8314	Iron	mg/L	SW6010C	< 0.100				-				9/14/2010
MB-8314	Magnesium	mg/L	SW6010C	< 1.00				-				9/14/2010
MB-8314	Molybdenum	mg/L	SW6010C	< 0.0200				-				9/14/2010
MB-8314	Potassium	mg/L	SW6010C	< 1.00				-				9/14/2010
MB-8314	Sodium	mg/L	SW6010C	< 1.00				-				9/14/2010
MB-8325	Calcium	mg/L	SW6010C	< 1.00				-				9/8/2010
MB-8325	Iron	mg/L	SW6010C	< 0.100				-				9/8/2010
MB-8325	Magnesium	mg/L	SW6010C	< 1.00				-				9/8/2010
MB-8325	Potassium	mg/L	SW6010C	< 1.00				-				9/8/2010
MB-8325	Sodium	mg/L	SW6010C	< 1.00				-				9/8/2010
MB-8314	Arsenic	mg/L	SW6020A	< 0.000600				-				9/6/2010
MB-8314	Cadmium	mg/L	SW6020A	< 0.000180				-				9/6/2010
MB-8314	Copper	mg/L	SW6020A	< 0.000800				-				9/6/2010
MB-8314	Lead	mg/L	SW6020A	< 0.000400				-				9/6/2010
MB-8314	Manganese	mg/L	SW6020A	< 0.00120				-				9/6/2010
MB-8314	Selenium	mg/L	SW6020A	< 0.000800				-				9/6/2010
MB-8314	Zinc	mg/L	SW6020A	< 0.00500				-				9/6/2010
MB-8325	Lead	mg/L	SW6020A	< 0.000400				-				9/6/2010
MB-8325	Manganese	mg/L	SW6020A	< 0.00120				-				9/6/2010

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009035
Project: Kinney #2 Baseline

Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-8314	Aluminum	mg/L	SW6010C	1.00	1.000	0	100	80-120			9/14/2010
LCS-8314	Boron	mg/L	SW6010C	1.02	1.000	0	102	80-120			9/14/2010
LCS-8314	Calcium	mg/L	SW6010C	9.95	10.00	0	99.5	80-120			9/14/2010
LCS-8314	Iron	mg/L	SW6010C	1.01	1.000	0	101	80-120			9/14/2010
LCS-8314	Magnesium	mg/L	SW6010C	10.4	10.00	0	104	80-120			9/14/2010
LCS-8314	Molybdenum	mg/L	SW6010C	0.194	0.2000	0	97.0	80-120			9/14/2010
LCS-8314	Potassium	mg/L	SW6010C	10.3	10.00	0	103	80-120			9/14/2010
LCS-8314	Sodium	mg/L	SW6010C	9.98	10.00	0	99.8	80-120			9/14/2010
LCS-8325	Calcium	mg/L	SW6010C	11.4	10.00	0	114	80-120			9/8/2010
LCS-8325	Iron	mg/L	SW6010C	1.06	1.000	0	106	80-120			9/8/2010
LCS-8325	Magnesium	mg/L	SW6010C	11.1	10.00	0	111	80-120			9/8/2010
LCS-8325	Potassium	mg/L	SW6010C	10.8	10.00	0	108	80-120			9/8/2010
LCS-8325	Sodium	mg/L	SW6010C	10.2	10.00	0	102	80-120			9/8/2010
LCS-8314	Arsenic	mg/L	SW6020A	0.205	0.2000	0	103	85-115			9/6/2010
LCS-8314	Cadmium	mg/L	SW6020A	0.200	0.2000	0	99.8	85-115			9/6/2010
LCS-8314	Copper	mg/L	SW6020A	0.201	0.2000	0	100	85-115			9/6/2010
LCS-8314	Lead	mg/L	SW6020A	0.200	0.2000	0	99.9	85-115			9/6/2010
LCS-8314	Manganese	mg/L	SW6020A	0.202	0.2000	0	101	85-115			9/6/2010
LCS-8314	Selenium	mg/L	SW6020A	0.199	0.2000	0.0001510	99.2	85-115			9/6/2010
LCS-8314	Zinc	mg/L	SW6020A	0.998	1.000	0	99.8	85-115			9/6/2010
LCS-8325	Lead	mg/L	SW6020A	0.201	0.2000	0	100	85-115			9/6/2010
LCS-8325	Manganese	mg/L	SW6020A	0.203	0.2000	0	102	85-115			9/6/2010

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Jose Rocha
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project: Kinney #2 Baseline
Lab Sample ID: 1009035-002
Client Sample ID: CR-10-12
Collection Date: 8/31/2010 1830h
Received Date: 9/2/2010 1030h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/3/2010 1030h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/3/2010 0920h	A2320B	20.0	**175**	
Ammonia (as N)	mg/L	9/10/2010 1605h	9/14/2010 0834h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		9/3/2010 0920h	A2320B	20.0	**175**	
Carbonate (as CaCO3)	mg/L		9/3/2010 0920h	A2320B	10.0	< 10.0	
Chloride	mg/L		9/2/2010 2203h	E300.0	0.500	**18.8**	
Hardness (as CaCO3)	mg/L		9/14/2010	A2340B	10.0	**191**	
Nitrate (as N)	mg/L		9/2/2010 1351h	E353.2	0.100	**5.17**	
Nitrite (as N)	mg/L		9/2/2010 1333h	E353.2	0.0100	**0.0426**	
Oil & Grease	mg/L		9/7/2010 1431h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		9/2/2010 1241h	E365.1	0.0500	**0.0907**	
Settleable Solids	mL/L		9/2/2010 1210h	A2540F	0.100	< 0.100	
Sulfate	mg/L		9/2/2010 2203h	E300.0	3.75	**37.1**	
Total Dissolved Solids	mg/L		9/2/2010 1400h	A2540C	20.0	**308**	@
Total Suspended Solids	mg/L		9/2/2010 1545h	A2540D	3.00	**95.0**	

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 Baseline
Lab Sample ID: 1009035-001
Client Sample ID: CR-10-11
Collection Date: 8/31/2010 1730h
Received Date: 9/2/2010 1030h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/3/2010 1030h	A2310B	15.0	**46.0**	
Alkalinity (as CaCO3)	mg/L		9/3/2010 0920h	A2320B	20.0	**214**	
Ammonia (as N)	mg/L	9/10/2010 1605h	9/14/2010 0830h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		9/3/2010 0920h	A2320B	20.0	**214**	
Carbonate (as CaCO3)	mg/L		9/3/2010 0920h	A2320B	10.0	< 10.0	
Chloride	mg/L		9/2/2010 2053h	E300.0	0.500	**14.7**	
Hardness (as CaCO3)	mg/L		9/14/2010	A2340B	10.0	**257**	
Nitrate (as N)	mg/L		9/2/2010 1347h	E353.2	0.100	**2.54**	
Nitrite (as N)	mg/L		9/2/2010 1327h	E353.2	0.0100	**0.0828**	
Oil & Grease	mg/L		9/7/2010 1431h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		9/2/2010 1238h	E365.1	0.0500	**0.225**	
Settleable Solids	mL/L		9/2/2010 1210h	A2540F	0.100	**6.50**	
Sulfate	mg/L		9/2/2010 2053h	E300.0	3.75	**28.3**	
Total Dissolved Solids	mg/L		9/2/2010 1400h	A2540C	50.0	**470**	
Total Suspended Solids	mg/L		9/2/2010 1545h	A2540D	30.0	**2,690**	

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 Baseline
Lab Sample ID: 1009035-002
Client Sample ID: CR-10-12
Collection Date: 8/31/2010 1830h
Received Date: 9/2/2010 1030h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/3/2010 1334h	9/14/2010 1556h	SW6010C	10.0	**66.2**	
Copper	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	1.00	**6.10**	
Manganese	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.00120	**0.00212**	
Molybdenum	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	1.00	**1.04**	
Selenium	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.000800	**0.000870**	
Sodium	mg/L	9/3/2010 1334h	9/14/2010 1633h	SW6010C	1.00	**25.7**	
Zinc	mg/L	9/3/2010 1334h	9/6/2010 0436h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 Baseline
Lab Sample ID: 1009035-001
Client Sample ID: CR-10-11
Collection Date: 8/31/2010 1730h
Received Date: 9/2/2010 1030h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/3/2010 1334h	9/14/2010 1544h	SW6010C	10.0	**82.3**	2
Copper	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.000800	**0.00140**	
Iron	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	1.00	**12.4**	
Manganese	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.00120	**0.0182**	
Molybdenum	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	1.00	**1.27**	
Selenium	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.000800	**0.00130**	
Sodium	mg/L	9/3/2010 1334h	9/14/2010 1618h	SW6010C	1.00	**11.5**	
Zinc	mg/L	9/3/2010 1334h	9/6/2010 0407h	SW6020A	0.00500	**0.00958**	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.
Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project: Kinney #2 Baseline
Lab Sample ID: 1009035-002
Client Sample ID: CR-10-12
Collection Date: 8/31/2010 1830h
Received Date: 9/2/2010 1030h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/5/2010 1211h	9/8/2010 1737h	SW6010C	0.100	3.01	
Manganese	mg/L	9/5/2010 1211h	9/6/2010 0542h	SW6020A	0.00120	0.0287	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 Baseline
Lab Sample ID: 1009035-001
Client Sample ID: CR-10-11
Collection Date: 8/31/2010 1730h
Received Date: 9/2/2010 1030h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/5/2010 1211h	9/8/2010 1722h	SW6010C	0.100	22.7	
Manganese	mg/L	9/5/2010 1211h	9/6/2010 0513h	SW6020A	0.00120	0.437	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413
TEL: (970) 856-6788

RE: Kinney #2 Baseline

Dear Brad Lindsay:

Lab Set ID: 1009035

American West Analytical Laboratories received 2 sample(s) on 9/2/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

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Denise Bruun

To: rocklogicconsulting@gmail.com
Subject: AWAL Lab Set 1007213 - Scofield Baseline
Attachments: 1007231 - COC and Attached Table 4.pdf

Brad,

Attached is a copy of the Chain of Custody and the attached Table 4 we received with your samples on 7-15-10. As you can see on the chain of custody, it says to use Table 3. However, it was Table 4 that we prepared bottles for and which was attached to your chain of custody. We are assuming you want the analysis for Table 4, but if you really do need Table 3, please let us know as soon as possible so we can send more sample bottles for the volume we don't have.

Thank You,

Denise Bruun
Customer Service Representative

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Sample Set: 1007213

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL																
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

Table 4: Ground-Water Monitoring Parameters
Minimum Requirements and Recommendations
Baseline, Operational, and Postmining

			FIELD MEASUREMENTS	REPORTED AS
+	*	-	Water level or Flow	Depth, Flow
+	*	-	pH	Standard units
+	*	-	Specific Conductivity	umhos/cm @ 25°C
	*	-	Temperature	°C

			LABORATORY MEASUREMENTS	REPORTED AS
+	*	-	Total Dissolved Solids	mg/l
	*	-	Total Hardness ($CaCO_3$)	mg/l
	*	-	Total Alkalinity	mg/l
		-	Acidity	mg/l
		-	Aluminum (Dissolved)	mg/l
		-	Arsenic (Dissolved)	mg/l
		-	Boron (Dissolved)	mg/l
	*	-	Carbonate	mg/l
	*	-	Bicarbonate	mg/l
		-	Cadmium (Dissolved)	mg/l
	*	-	Calcium (Dissolved)	mg/l
	*	-	Chloride	mg/l
		-	Copper (Dissolved)	mg/l
	*	-	Iron (Dissolved)	mg/l
+	*	-	Iron (Total)	mg/l
		-	Lead (Dissolved)	mg/l
	*	-	Magnesium (Dissolved)	mg/l
	*	-	Manganese (Dissolved)	mg/l
+	*	-	Manganese (Total)	mg/l
		-	Molybdenum (Dissolved)	mg/l
		-	Ammonia	mg/l
		-	Nitrates	mg/l
		-	Nitrites	mg/l
	*	-	Potassium (Dissolved)	mg/l
		-	Phosphate (Ortho)	mg/l
		-	Selenium (Dissolved)	mg/l
	*	-	Sodium (Dissolved)	mg/l
	*	-	Sulfate	mg/l
		-	Zinc (Dissolved)	mg/l
	*	-	Cations	meq/l
	*	-	Anions	meq/l

\+ Parameters required for Baseline monitoring.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Postmining monitoring

Client Carbon Resources & Rock Logic

Address P.O. Box 544

Cedaredge, CO 81413
City State Zip

Phone 435 651-9044 Fax

Contact Brad Lindsay

E-mail RockLogicConsulting@gmail.com

Project Name Scofield Baseline

Project Number/P.O.# —

Sampler Name Greg Hunt

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CHAIN OF CUSTODY

Lab Sample Set # 1007213

Page _____ of _____

Turn Around Time (Circle One)

1 day	2 day	3 day	4 day	5 day	Standard
QC	1	2	2+	3	3+	4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	Table 4 + Included on PR										COMMENTS
CR-10-12	7-13-10 @ 20:30	GW	5	✓										

Please indicate tests needed below

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME Greg Hunt	Time 16:45	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature UPS
PRINT NAME	Time	PRINT NAME

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 7/15/10	Received By: Signature Denise Bruch
PRINT NAME	Time 9:55	PRINT NAME Denise Bruch

Special Instructions:

PLEASE FILTER

*Table 4 per Brad Gikes- DB 7/16/10

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes: UPS DB 7/15/10

2 Ambient or Chilled
Notes: on ice

3 Temperature 14.3°

4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:

5 Properly Preserved
Y N
Notes:

6 Received Within Holding Times
Y N
Notes:

COC Tape Was:

1 Present on Outer Package
Y N NA

2 Unbroken on Outer Package
Y N NA

3 Present on Sample
Y N NA

4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

American West Analytical Laboratories

WORK ORDER Summary

15-Jul-10

Work Order: 1007213
WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS :
QC 2+, EDD;

DB

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1007213-001A	CR-10-12	7/13/2010 8:30:00 PM	7/15/2010 9:55:00 AM	7/29/2010	Aqueous	300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				7/29/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				7/29/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				7/29/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				7/29/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				7/29/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1007213-001B				7/29/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3
				7/29/2010		NH3-W-PR	☐	☐	☐	☐	DF - nh3
1007213-001C				7/29/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met
				7/29/2010		6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										
				7/29/2010		6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										
				7/29/2010		HARD-2340B	☐	☐	☐	☐	DF - dis met
1007213-001D				7/29/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met
				7/29/2010		6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				7/29/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										
1007213-001E				7/29/2010		TDS-W-2540C	☐	☐	☐	☐	ww - tds

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007213-001AMSD	Chloride	mg/L	E300.0	70.3	50.00	21.76	97.1	90-110	0.0910	20		7/15/2010
1007213-001AMSD	Sulfate	mg/L	E300.0	120	50.00	73.89	91.6	90-110	0.239	20		7/15/2010
1007245-001AMSD	Acidity	mg/L	A2310B	100	50.00	50.00	100	80-120	1.98	0		7/19/2010
1007213-001AMSD	Acidity	mg/L	A2310B	54.0	50.00	0	108	80-120	7.69	0		7/19/2010
1007213-001AMSD	Alkalinity (as CaCO3)	mg/L	A2320B	273	100.0	175.0	98.0	80-120	1.45	10		7/16/2010
1007231-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	319	100.0	221.0	98.0	80-120	0.629	10		7/16/2010
1007210-003AMSD	Ammonia (as N)	mg/L	E350.1	1.05	1.000	0.06140	98.9	90-110	2.98	10		7/19/2010
1007213-001BMSD	Ammonia (as N)	mg/L	E350.1	0.989	1.000	0	98.9	90-110	3.44	10		7/19/2010
1007213-001AMSD	Nitrite (as N)	mg/L	E353.2	1.15	1.000	0.1805	96.8	90-110	4.53	10		7/15/2010
1007213-001AMSD	Nitrate (as N)	mg/L	E353.2	17.8	10.00	6.702	111	90-110	0.273	10	1	7/15/2010
1007213-001AMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	1.38	1.000	0.3786	101	90-110	1.16	10		7/15/2010

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007213-001AMS	Chloride	mg/L	E300.0	70.4	50.00	21.76	97.3	90-110				7/15/2010
1007213-001AMS	Sulfate	mg/L	E300.0	120	50.00	73.89	92.2	90-110				7/15/2010
1007245-001AMS	Acidity	mg/L	A2310B	102	50.00	50.00	104	80-120				7/19/2010
1007213-001AMS	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120				7/19/2010
1007213-001AMS	Alkalinity (as CaCO3)	mg/L	A2320B	277	100.0	175.0	102	80-120				7/16/2010
1007231-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	317	100.0	221.0	96.0	80-120				7/16/2010
1007210-003AMS	Ammonia (as N)	mg/L	E350.1	1.02	1.000	0.06140	95.8	90-110				7/19/2010
1007213-001BMS	Ammonia (as N)	mg/L	E350.1	0.955	1.000	0	95.5	90-110				7/19/2010
1007213-001AMS	Nitrite (as N)	mg/L	E353.2	1.20	1.000	0.1805	102	90-110				7/15/2010
1007213-001AMS	Nitrate (as N)	mg/L	E353.2	17.7	10.00	6.702	110	90-110				7/15/2010
1007213-001AMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	1.40	1.000	0.3786	102	90-110				7/15/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R16407	Chloride	mg/L	E300.0	< 0.100				-				7/15/2010
MB-R16407	Sulfate	mg/L	E300.0	< 0.750				-				7/15/2010
MB-R16439	Acidity	mg/L	A2310B	< 15.0				-				7/19/2010
MB-R16405	Alkalinity (as CaCO3)	mg/L	A2320B	< 10.0				-				7/16/2010
MB-R16405	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				7/16/2010
MB-R16405	Carbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				7/16/2010
MB-7478	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				7/19/2010
MB-R16376	Nitrite (as N)	mg/L	E353.2	< 0.0100				-				7/15/2010
MB-R16377	Nitrate (as N)	mg/L	E353.2	< 0.0100				-				7/15/2010
MB-R16374	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.0500				-				7/15/2010
MB-R16479	Total Dissolved Solids	mg/L	A2540C	< 10.0				-				7/16/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: WC
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R16407	Chloride	mg/L	E300.0	4.70	5.000	0	94.0	90-110				7/15/2010
LCS-R16407	Sulfate	mg/L	E300.0	5.09	5.000	0	102	90-110				7/15/2010
LCS-R16439	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120				7/19/2010
LCS-R16405	Alkalinity (as CaCO3)	mg/L	A2320B	49,900	50,000	0	99.8	90-110				7/16/2010
LCS-7478	Ammonia (as N)	mg/L	E350.1	0.938	1.000	0	93.8	90-110				7/19/2010
LCS-R16376	Nitrite (as N)	mg/L	E353.2	1.05	1.000	0	105	90-110				7/15/2010
LCS-R16377	Nitrate (as N)	mg/L	E353.2	1.05	1.000	0	105	90-110				7/15/2010
LCS-R16374	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.913	1.000	0	91.3	90-110				7/15/2010
LCS-R16479	Total Dissolved Solids	mg/L	A2540C	200	205.0	0	97.6	80-120				7/16/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: WC
QC Type: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007213-001EDUP	Total Dissolved Solids	mg/L	A2540C	620		620.0		-	0	5		7/16/2010
1007245-001EDUP	Total Dissolved Solids	mg/L	A2540C	304		288.0		-	5.41	5		7/16/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007213-001CMSD	Aluminum	mg/L	SW6010C	1.04	1.000	0	104	75-125	1.18	20		7/16/2010
1007213-001CMSD	Boron	mg/L	SW6010C	1.19	1.000	0.01850	118	75-125	0.263	20		7/16/2010
1007213-001CMSD	Iron	mg/L	SW6010C	1.05	1.000	0	105	75-125	1.06	20		7/16/2010
1007213-001CMSD	Magnesium	mg/L	SW6010C	19.7	10.00	8.956	107	75-125	1.69	20		7/16/2010
1007213-001CMSD	Molybdenum	mg/L	SW6010C	0.216	0.2000	0	108	75-125	1.37	20		7/16/2010
1007213-001CMSD	Potassium	mg/L	SW6010C	11.9	10.00	1.198	107	75-125	0.109	20		7/16/2010
1007213-001CMSD	Sodium	mg/L	SW6010C	26.3	10.00	16.09	102	75-125	1.06	20		7/16/2010
1007213-001CMSD	Calcium	mg/L	SW6010C	110	10.00	99.85	105	75-125	1.84	20		7/16/2010
1007213-001DMSD	Iron	mg/L	SW6010C	44.9	1.000	44.80	10.0	75-125	0	20	2	7/15/2010
1007213-001CMSD	Arsenic	mg/L	SW6020A	0.200	0.2000	0.0004410	99.8	70-130	0.244	20		7/15/2010
1007213-001CMSD	Cadmium	mg/L	SW6020A	0.200	0.2000	0	100	70-130	0.576	20		7/15/2010
1007213-001CMSD	Copper	mg/L	SW6020A	0.197	0.2000	0.0007820	98.2	70-130	0.694	20		7/15/2010
1007213-001CMSD	Lead	mg/L	SW6020A	0.199	0.2000	0	99.3	70-130	0.00604	20		7/15/2010
1007213-001CMSD	Manganese	mg/L	SW6020A	0.201	0.2000	0.0005250	100	70-130	0.167	20		7/15/2010
1007213-001CMSD	Selenium	mg/L	SW6020A	0.202	0.2000	0.001199	101	70-130	1.14	20		7/15/2010
1007213-001CMSD	Zinc	mg/L	SW6020A	0.987	1.000	0	98.7	70-130	0.169	20		7/15/2010
1007213-001DMSD	Manganese	mg/L	SW6020A	0.743	0.2000	0.5586	92.3	70-130	0.257	20		7/15/2010

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007213-001CMS	Aluminum	mg/L	SW6010C	1.06	1.000	0	106	75-125				7/16/2010
1007213-001CMS	Boron	mg/L	SW6010C	1.19	1.000	0.01850	117	75-125				7/16/2010
1007213-001CMS	Iron	mg/L	SW6010C	1.04	1.000	0	104	75-125				7/16/2010
1007213-001CMS	Magnesium	mg/L	SW6010C	19.3	10.00	8.956	104	75-125				7/16/2010
1007213-001CMS	Molybdenum	mg/L	SW6010C	0.213	0.2000	0	107	75-125				7/16/2010
1007213-001CMS	Potassium	mg/L	SW6010C	11.9	10.00	1.198	107	75-125				7/16/2010
1007213-001CMS	Sodium	mg/L	SW6010C	26.0	10.00	16.09	99.1	75-125				7/16/2010
1007213-001CMS	Calcium	mg/L	SW6010C	108	10.00	99.85	85.4	75-125				7/16/2010
1007213-001DMS	Iron	mg/L	SW6010C	44.9	1.000	44.80	10.0	75-125			2	7/15/2010
1007213-001CMS	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004410	100	70-130				7/15/2010
1007213-001CMS	Cadmium	mg/L	SW6020A	0.199	0.2000	0	99.6	70-130				7/15/2010
1007213-001CMS	Copper	mg/L	SW6020A	0.198	0.2000	0.0007820	98.8	70-130				7/15/2010
1007213-001CMS	Lead	mg/L	SW6020A	0.199	0.2000	0	99.3	70-130				7/15/2010
1007213-001CMS	Manganese	mg/L	SW6020A	0.201	0.2000	0.0005250	100	70-130				7/15/2010
1007213-001CMS	Selenium	mg/L	SW6020A	0.200	0.2000	0.001199	99.4	70-130				7/15/2010
1007213-001CMS	Zinc	mg/L	SW6020A	0.986	1.000	0	98.6	70-130				7/15/2010
1007213-001DMS	Manganese	mg/L	SW6020A	0.745	0.2000	0.5586	93.2	70-130				7/15/2010

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: ME
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-7476	Aluminum	mg/L	SW6010C	< 0.100				-				7/16/2010
MB-7476	Boron	mg/L	SW6010C	< 0.500				-				7/16/2010
MB-7476	Calcium	mg/L	SW6010C	< 1.00				-				7/16/2010
MB-7476	Iron	mg/L	SW6010C	< 0.100				-				7/16/2010
MB-7476	Magnesium	mg/L	SW6010C	< 1.00				-				7/16/2010
MB-7476	Molybdenum	mg/L	SW6010C	< 0.0200				-				7/16/2010
MB-7476	Potassium	mg/L	SW6010C	< 1.00				-				7/16/2010
MB-7476	Sodium	mg/L	SW6010C	< 1.00				-				7/16/2010
MB-7474	Iron	mg/L	SW6010C	< 0.100				-				7/15/2010
MB-7476	Arsenic	mg/L	SW6020A	< 0.000600				-				7/15/2010
MB-7476	Cadmium	mg/L	SW6020A	< 0.000180				-				7/15/2010
MB-7476	Copper	mg/L	SW6020A	< 0.000800				-				7/15/2010
MB-7476	Lead	mg/L	SW6020A	< 0.000400				-				7/15/2010
MB-7476	Manganese	mg/L	SW6020A	< 0.00120				-				7/15/2010
MB-7476	Selenium	mg/L	SW6020A	< 0.000800				-				7/15/2010
MB-7476	Zinc	mg/L	SW6020A	< 0.00500				-				7/15/2010
MB-7474	Manganese	mg/L	SW6020A	< 0.00120				-				7/15/2010

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007213
Project: Scofield Baseline

Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-7476	Aluminum	mg/L	SW6010C	0.978	1.000	0	97.8	75-125				7/16/2010
LCS-7476	Boron	mg/L	SW6010C	1.02	1.000	0	102	75-125				7/16/2010
LCS-7476	Calcium	mg/L	SW6010C	10.1	10.00	0	101	75-125				7/16/2010
LCS-7476	Iron	mg/L	SW6010C	0.965	1.000	0	96.5	75-125				7/16/2010
LCS-7476	Magnesium	mg/L	SW6010C	9.96	10.00	0	99.6	75-125				7/16/2010
LCS-7476	Molybdenum	mg/L	SW6010C	0.195	0.2000	0	97.4	75-125				7/16/2010
LCS-7476	Potassium	mg/L	SW6010C	9.96	10.00	0	99.6	75-125				7/16/2010
LCS-7476	Sodium	mg/L	SW6010C	9.95	10.00	0	99.5	75-125				7/16/2010
LCS-7474	Iron	mg/L	SW6010C	1.09	1.000	0	109	75-125				7/15/2010
LCS-7476	Arsenic	mg/L	SW6020A	0.203	0.2000	0	101	85-115				7/15/2010
LCS-7476	Cadmium	mg/L	SW6020A	0.205	0.2000	0	102	85-115				7/15/2010
LCS-7476	Copper	mg/L	SW6020A	0.204	0.2000	0.0004490	102	85-115				7/15/2010
LCS-7476	Lead	mg/L	SW6020A	0.202	0.2000	0	101	85-115				7/15/2010
LCS-7476	Manganese	mg/L	SW6020A	0.203	0.2000	0	102	85-115				7/15/2010
LCS-7476	Selenium	mg/L	SW6020A	0.199	0.2000	0	99.7	85-115				7/15/2010
LCS-7476	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				7/15/2010
LCS-7474	Manganese	mg/L	SW6020A	0.200	0.2000	0	100	85-115				7/15/2010

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1007213-001
Client Sample ID: CR-10-12
Collection Date: 7/13/2010 2030h
Received Date: 7/15/2010 955h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		7/19/2010 540h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		7/16/2010 800h	A2320B	20.0	**175**	
Ammonia (as N)	mg/L	7/15/2010 1414h	7/19/2010 1350h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		7/16/2010 800h	A2320B	20.0	**175**	
Carbonate (as CaCO3)	mg/L		7/16/2010 800h	A2320B	10.0	< 10.0	
Chloride	mg/L		7/15/2010 1813h	E300.0	1.00	**21.8**	
Hardness (as CaCO3)	mg/L		7/16/2010	A2340B	100	**286**	
Nitrate (as N)	mg/L		7/15/2010 1258h	E353.2	0.100	**6.70**	1
Nitrite (as N)	mg/L		7/15/2010 1239h	E353.2	0.0100	**0.180**	
Phosphate, Total Ortho (as P)	mg/L		7/15/2010 1130h	E365.1	0.0500	**0.379**	
Sulfate	mg/L		7/15/2010 1813h	E300.0	7.50	**73.9**	
Total Dissolved Solids	mg/L		7/16/2010 1330h	A2540C	100	**620**	

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline		
Lab Sample ID:	1007213-001		
Client Sample ID:	CR-10-12		
Collection Date:	7/13/2010 2030h		
Received Date:	7/15/2010 955h		

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	7/15/2010 1346h	7/16/2010 1718h	SW6010C	10.0	**99.9**	
Copper	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	0.100	< 0.100	
Lead	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	1.00	**8.96**	
Manganese	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.00120	< 0.00120	
Molybdenum	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	1.00	**1.20**	
Selenium	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.000800	**0.00120**	
Sodium	mg/L	7/15/2010 1346h	7/16/2010 1643h	SW6010C	1.00	**16.1**	
Zinc	mg/L	7/15/2010 1346h	7/15/2010 1945h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline		
Lab Sample ID:	1007213-001		
Client Sample ID:	CR-10-12		
Collection Date:	7/13/2010 2030h		
Received Date:	7/15/2010 955h		

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	7/15/2010 1339h	7/15/2010 1628h	SW6010C	0.100	**44.8**	[2]
Manganese	mg/L	7/15/2010 1339h	7/15/2010 2219h	SW6020A	0.00600	**0.559**	

[2] - *Analyte concentration is too high for accurate matrix spike recovery and/or RPD.*

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413
TEL: (970) 856-6788

RE: Scofield Baseline

Dear Brad Lindsay:

Lab Set ID: 1007213

American West Analytical Laboratories received 1 sample(s) on 7/15/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

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Sample Set: 1007245

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL																
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

Table 4: Ground-Water Monitoring Parameters
Minimum Requirements and Recommendations
Baseline, Operational, and Postmining

			FIELD MEASUREMENTS	REPORTED AS
+	*	-	Water level or Flow	Depth, Flow
+	*	-	pH	Standard units
+	*	-	Specific Conductivity	umhos/cm @ 25° C
	*	-	Temperature	°C

			LABORATORY MEASUREMENTS	REPORTED AS
+	*	-	Total Dissolved Solids	mg/l
	*	-	Total Hardness ($CaCO_3$)	mg/l
	*	-	Total Alkalinity	mg/l
		-	Acidity	mg/l
		-	Aluminum (Dissolved)	mg/l
		-	Arsenic (Dissolved)	mg/l
		-	Boron (Dissolved)	mg/l
	*	-	Carbonate	mg/l
	*	-	Bicarbonate	mg/l
		-	Cadmium (Dissolved)	mg/l
	*	-	Calcium (Dissolved)	mg/l
	*	-	Chloride	mg/l
		-	Copper (Dissolved)	mg/l
	*	-	Iron (Dissolved)	mg/l
+	*	-	Iron (Total)	mg/l
		-	Lead (Dissolved)	mg/l
	*	-	Magnesium (Dissolved)	mg/l
	*	-	Manganese (Dissolved)	mg/l
+	*	-	Manganese (Total)	mg/l
		-	Molybdenum (Dissolved)	mg/l
		-	Ammonia	mg/l
		-	Nitrates	mg/l
		-	Nitrites	mg/l
	*	-	Potassium (Dissolved)	mg/l
		-	Phosphate (Ortho)	mg/l
		-	Selenium (Dissolved)	mg/l
	*	-	Sodium (Dissolved)	mg/l
	*	-	Sulfate	mg/l
		-	Zinc (Dissolved)	mg/l
	*	-	Cations	meq/l
	*	-	Anions	meq/l

\+ Parameters required for Baseline monitoring.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Postmining monitoring

Client: Carbon Resources & Rockcliff

Address: P.O. Box 594

Cedaredge CO 81413
City State Zip

Phone: 435-859-9044 Fax:

Contact: Brad Lindsay

E-mail: rockcliffconsulting@gmail.com

Project Name: Scofield Baseline

Project Number/P.O.#:

Sampler Name: Greg Hunt

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CHAIN OF CUSTODY

Lab Sample Set # 1007245

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix: Ground Water	Number of Containers (Total)	TESTS REQUIRED: Table B-4	TESTS REQUIRED: Uncle of as Fk	QC LEVEL	COMMENTS
CR-10-11	7-15-10 @ 6:00			X		1 2 2+ 3 3+ 4	

LABORATORY USE ONLY

SAMPLES WERE:
1 (Shipped or hand delivered) Notes: UPS
2 Ambient or (Chilled) Notes: on ice
3 Temperature 14°
4 Received Broken/Leaking (Improperly Sealed) Y (N) Notes:
5 Properly Preserved Y N Checked at Bench Y N Notes:
6 Received Within Holding Times Y N Notes:

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME: Greg Hunt	Time: 14:45	PRINT NAME: UPS	Time
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time: 0857
Relinquished By: Signature	Date	Received By: Signature	Date: 7/16/10
PRINT NAME	Time	PRINT NAME: Denise Bruun	1445

Special Instructions:

PLEASE E-MAIL

7/16/10

American West Analytical Laboratories

WORK ORDER Summary

16-Jul-10

Work Order: 1007245

WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS : QC 2+, EDD;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1007245-001A	CR-10-11	7/15/2010 6:00:00 AM	7/16/2010 9:45:00 AM	8/2/2010	Aqueous	300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				8/2/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				8/2/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				8/2/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				8/2/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				8/2/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1007245-001B				8/2/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3
				8/2/2010		NH3-W-PR	☐	☐	☐	☐	DF - nh3
1007245-001C				8/2/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met
				8/2/2010		6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										
				8/2/2010		6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										
				8/2/2010		HARD-2340B	☐	☐	☐	☐	DF - dis met
1007245-001D				8/2/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met
				8/2/2010		6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				8/2/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										
1007245-001E				8/2/2010		TDS-W-2540C	☐	☐	☐	☐	ww - tds

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007245-001AMSD	Chloride	mg/L	E300.0	62.5	50.00	14.22	96.5	90-110	0.286	20		7/16/2010
1007245-001AMSD	Sulfate	mg/L	E300.0	75.3	50.00	27.38	95.8	90-110	0.125	20		7/16/2010
1007245-001AMSD	Acidity	mg/L	A2310B	100	50.00	50.00	100	80-120	1.98	0		7/19/2010
1007213-001AMSD	Acidity	mg/L	A2310B	54.0	50.00	0	108	80-120	7.69	0		7/19/2010
1007245-001AMSD	Alkalinity (as CaCO3)	mg/L	A2320B	312	100.0	212.0	100	80-120	0.320	10		7/19/2010
1007251-002AMSD	Alkalinity (as CaCO3)	mg/L	A2320B	322	100.0	222.0	100	80-120	0.623	10		7/19/2010
1007310-005AMSD	Ammonia (as N)	mg/L	E350.1	11.3	1.000	10.15	115	90-110	1.31	10	2	7/27/2010
1007311-005AMSD	Ammonia (as N)	mg/L	E350.1	15.0	1.000	12.98	197	90-110	0.920	10	2	7/27/2010
1007245-001BMSD	Ammonia (as N)	mg/L	E350.1	0.931	1.000	0	93.1	90-110	3.22	10		7/29/2010
1007396-005AMSD	Ammonia (as N)	mg/L	E350.1	6.98	1.000	4.895	209	90-110	0.346	10	1	7/29/2010
1007245-001AMSD	Nitrite (as N)	mg/L	E353.2	0.980	1.000	0	98.0	90-110	0.738	10		7/16/2010
1007245-001AMSD	Nitrate (as N)	mg/L	E353.2	13.3	10.00	2.544	108	90-110	1.53	10		7/16/2010
1007245-001AMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.970	1.000	0.05840	91.1	90-110	4.91	10		7/16/2010

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007245-001AMS	Chloride	mg/L	E300.0	62.7	50.00	14.22	96.9	90-110				7/16/2010
1007245-001AMS	Sulfate	mg/L	E300.0	75.4	50.00	27.38	96.0	90-110				7/16/2010
1007245-001AMS	Acidity	mg/L	A2310B	102	50.00	50.00	104	80-120				7/19/2010
1007213-001AMS	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120				7/19/2010
1007245-001AMS	Alkalinity (as CaCO3)	mg/L	A2320B	313	100.0	212.0	101	80-120				7/19/2010
1007251-002AMS	Alkalinity (as CaCO3)	mg/L	A2320B	320	100.0	222.0	98.0	80-120				7/19/2010
1007310-005AMS	Ammonia (as N)	mg/L	E350.1	11.4	1.000	10.15	130	90-110			[2]	7/27/2010
1007311-005AMS	Ammonia (as N)	mg/L	E350.1	15.1	1.000	12.98	210	90-110			[2]	7/27/2010
1007245-001BMS	Ammonia (as N)	mg/L	E350.1	0.902	1.000	0	90.2	90-110				7/29/2010
1007396-005AMS	Ammonia (as N)	mg/L	E350.1	6.96	1.000	4.895	206	90-110			[1]	7/29/2010
1007245-001AMS	Nitrite (as N)	mg/L	E353.2	0.972	1.000	0	97.2	90-110				7/16/2010
1007245-001AMS	Nitrate (as N)	mg/L	E353.2	13.5	10.00	2.544	110	90-110				7/16/2010
1007245-001AMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.923	1.000	0.05840	86.5	90-110			[1]	7/16/2010

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R16444	Chloride	mg/L	E300.0	< 0.100				-				7/16/2010
MB-R16444	Sulfate	mg/L	E300.0	< 0.750				-				7/16/2010
MB-R16439	Acidity	mg/L	A2310B	< 15.0				-				7/19/2010
MB-R16440	Alkalinity (as CaCO3)	mg/L	A2320B	< 10.0				-				7/19/2010
MB-R16440	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				7/19/2010
MB-R16440	Carbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				7/19/2010
MB-7611	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				7/27/2010
MB-7666	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				7/29/2010
MB-R16431	Nitrite (as N)	mg/L	E353.2	< 0.0100				-				7/16/2010
MB-R16430	Nitrate (as N)	mg/L	E353.2	< 0.0100				-				7/16/2010
MB-R16422	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.0500				-				7/16/2010
MB-R16479	Total Dissolved Solids	mg/L	A2540C	< 10.0				-				7/16/2010

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: WC
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R16444	Chloride	mg/L	E300.0	4.75	5.000	0	95.0	90-110				7/16/2010
LCS-R16444	Sulfate	mg/L	E300.0	5.04	5.000	0	101	90-110				7/16/2010
LCS-R16439	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120				7/19/2010
LCS-R16440	Alkalinity (as CaCO3)	mg/L	A2320B	49,900	50,000	0	99.8	90-110				7/19/2010
LCS-7611	Ammonia (as N)	mg/L	E350.1	0.910	1.000	0	91.0	90-110				7/27/2010
LCS-7666	Ammonia (as N)	mg/L	E350.1	0.946	1.000	0	94.6	90-110				7/29/2010
LCS-R16431	Nitrite (as N)	mg/L	E353.2	1.03	1.000	0	103	90-110				7/16/2010
LCS-R16430	Nitrate (as N)	mg/L	E353.2	0.995	1.000	0	99.5	90-110				7/16/2010
LCS-R16422	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.901	1.000	0	90.1	90-110				7/16/2010
LCS-R16479	Total Dissolved Solids	mg/L	A2540C	200	205.0	0	97.6	80-120				7/16/2010

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: WC
QC Type: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007213-001EDUP	Total Dissolved Solids	mg/L	A2540C	620		620.0		-	0	5		7/16/2010
1007245-001EDUP	Total Dissolved Solids	mg/L	A2540C	304		288.0		-	5.41	5		7/16/2010

All analyses applicabl[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attache[redacted]This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any memb[redacted]staff, or reproduction of this report in conne[redacted]the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpo[redacted]an for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of ins[redacted]d/or analysis in good faith and according to [redacted]of the trade and of science.

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007230-019AMSD	Manganese	mg/L	SW6020A	4,080	2.000	4,209	-6,280	70-130	1.11	20	[2]	7/20/2010
1007230-019AMSD	Zinc	mg/L	SW6020A	408	10.00	411.0	-28.6	70-130	0.592	20	[2]	7/20/2010

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007245-001CMSD	Aluminum	mg/L	SW6010C	0.963	1.000	0	96.3	75-125	7.10	20		7/20/2010
1007245-001CMSD	Boron	mg/L	SW6010C	1.16	1.000	0.04860	111	75-125	0	20		7/20/2010
1007245-001CMSD	Iron	mg/L	SW6010C	1.05	1.000	0	105	75-125	0.948	20		7/20/2010
1007245-001CMSD	Magnesium	mg/L	SW6010C	22.2	10.00	11.90	103	75-125	1.34	20		7/20/2010
1007245-001CMSD	Potassium	mg/L	SW6010C	12.2	10.00	0.9660	112	75-125	0	20		7/20/2010
1007245-001CMSD	Sodium	mg/L	SW6010C	21.9	10.00	11.40	105	75-125	1.36	20		7/20/2010
1007245-001CMSD	Calcium	mg/L	SW6010C	90.3	10.00	77.90	124	75-125	0.332	20		7/20/2010
1007245-001CMSD	Molybdenum	mg/L	SW6010C	0.203	0.2000	0	101	75-125	0.126	20		7/20/2010
1007230-019AMSD	Iron	mg/L	SW6010C	381	10.00	384.0	-30.0	75-125	1.30	20	2	7/21/2010
1007245-001DMSD	Iron	mg/L	SW6010C	1.78	1.000	0.6480	113	75-125	0	20		7/21/2010
1007232-001AMSD	Zinc	mg/L	SW6020A	1.38	1.000	0.3742	101	70-130	1.96	20		7/19/2010
1007245-001CMSD	Arsenic	mg/L	SW6020A	0.199	0.2000	0.0004450	99.5	70-130	0.437	20		7/19/2010
1007245-001CMSD	Cadmium	mg/L	SW6020A	0.201	0.2000	0	100	70-130	0.594	20		7/19/2010
1007245-001CMSD	Copper	mg/L	SW6020A	0.193	0.2000	0.0007930	96.2	70-130	1.20	20		7/19/2010
1007245-001CMSD	Lead	mg/L	SW6020A	0.202	0.2000	0.0001090	101	70-130	0.922	20		7/19/2010
1007245-001CMSD	Manganese	mg/L	SW6020A	0.203	0.2000	0.002132	100	70-130	0.744	20		7/19/2010
1007245-001CMSD	Selenium	mg/L	SW6020A	0.202	0.2000	0.002057	99.9	70-130	1.27	20		7/19/2010
1007245-001CMSD	Zinc	mg/L	SW6020A	0.996	1.000	0.01130	98.4	70-130	0.507	20		7/19/2010
1007245-001DMSD	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0006200	100	70-130	1.37	20		7/20/2010
1007245-001DMSD	Cadmium	mg/L	SW6020A	0.202	0.2000	0	101	70-130	0.419	20		7/20/2010
1007245-001DMSD	Lead	mg/L	SW6020A	0.202	0.2000	0.0005700	101	70-130	0.350	20		7/20/2010
1007245-001DMSD	Manganese	mg/L	SW6020A	0.208	0.2000	0.008008	99.8	70-130	0.692	20		7/20/2010
1007245-001DMSD	Selenium	mg/L	SW6020A	0.199	0.2000	0.001574	98.7	70-130	0.421	20		7/20/2010
1007245-001DMSD	Zinc	mg/L	SW6020A	1.01	1.000	0.01288	100	70-130	0.735	20		7/20/2010

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007230-019AMS	Manganese	mg/L	SW6020A	4,130	2.000	4,209	-3,990	70-130			[2]	7/20/2010
1007230-019AMS	Zinc	mg/L	SW6020A	411	10.00	411.0	-4.41	70-130			[2]	7/20/2010

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1007245-001CMS	Aluminum	mg/L	SW6010C	0.897	1.000	0	89.7	75-125				7/20/2010
1007245-001CMS	Boron	mg/L	SW6010C	1.16	1.000	0.04860	111	75-125				7/20/2010
1007245-001CMS	Iron	mg/L	SW6010C	1.06	1.000	0	106	75-125				7/20/2010
1007245-001CMS	Magnesium	mg/L	SW6010C	22.5	10.00	11.90	106	75-125				7/20/2010
1007245-001CMS	Potassium	mg/L	SW6010C	12.2	10.00	0.9660	112	75-125				7/20/2010
1007245-001CMS	Sodium	mg/L	SW6010C	22.2	10.00	11.40	108	75-125				7/20/2010
1007245-001CMS	Calcium	mg/L	SW6010C	90.6	10.00	77.90	127	75-125			2	7/20/2010
1007245-001CMS	Molybdenum	mg/L	SW6010C	0.203	0.2000	0	101	75-125				7/20/2010
1007230-019AMS	Iron	mg/L	SW6010C	386	10.00	384.0	20.0	75-125			2	7/21/2010
1007245-001DMS	Iron	mg/L	SW6010C	1.78	1.000	0.6480	113	75-125				7/21/2010
1007232-001AMS	Zinc	mg/L	SW6020A	1.35	1.000	0.3742	97.8	70-130				7/19/2010
1007245-001CMS	Arsenic	mg/L	SW6020A	0.200	0.2000	0.0004450	99.9	70-130				7/19/2010
1007245-001CMS	Cadmium	mg/L	SW6020A	0.202	0.2000	0	101	70-130				7/19/2010
1007245-001CMS	Copper	mg/L	SW6020A	0.195	0.2000	0.0007930	97.3	70-130				7/19/2010
1007245-001CMS	Lead	mg/L	SW6020A	0.204	0.2000	0.0001090	102	70-130				7/19/2010
1007245-001CMS	Manganese	mg/L	SW6020A	0.204	0.2000	0.002132	101	70-130				7/19/2010
1007245-001CMS	Selenium	mg/L	SW6020A	0.199	0.2000	0.002057	98.6	70-130				7/19/2010
1007245-001CMS	Zinc	mg/L	SW6020A	1.00	1.000	0.01130	98.9	70-130				7/19/2010
1007245-001DMS	Arsenic	mg/L	SW6020A	0.198	0.2000	0.0006200	98.8	70-130				7/20/2010
1007245-001DMS	Cadmium	mg/L	SW6020A	0.201	0.2000	0	100	70-130				7/20/2010
1007245-001DMS	Lead	mg/L	SW6020A	0.201	0.2000	0.0005700	100	70-130				7/20/2010
1007245-001DMS	Manganese	mg/L	SW6020A	0.206	0.2000	0.008008	99.0	70-130				7/20/2010
1007245-001DMS	Selenium	mg/L	SW6020A	0.200	0.2000	0.001574	99.1	70-130				7/20/2010
1007245-001DMS	Zinc	mg/L	SW6020A	1.01	1.000	0.01288	99.3	70-130				7/20/2010

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: ME
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-7500	Aluminum	mg/L	SW6010C	< 0.100				-				7/20/2010
MB-7500	Boron	mg/L	SW6010C	< 0.500				-				7/20/2010
MB-7500	Calcium	mg/L	SW6010C	< 1.00				-				7/20/2010
MB-7500	Iron	mg/L	SW6010C	< 0.100				-				7/20/2010
MB-7500	Magnesium	mg/L	SW6010C	< 1.00				-				7/20/2010
MB-7500	Molybdenum	mg/L	SW6010C	< 0.0200				-				7/20/2010
MB-7500	Potassium	mg/L	SW6010C	< 1.00				-				7/20/2010
MB-7500	Sodium	mg/L	SW6010C	< 1.00				-				7/20/2010
MB-7525	Iron	mg/L	SW6010C	< 0.100				-				7/21/2010
MB-7500	Arsenic	mg/L	SW6020A	< 0.000600				-				7/19/2010
MB-7500	Cadmium	mg/L	SW6020A	< 0.000180				-				7/19/2010
MB-7500	Copper	mg/L	SW6020A	< 0.000800				-				7/19/2010
MB-7500	Lead	mg/L	SW6020A	< 0.000400				-				7/19/2010
MB-7500	Manganese	mg/L	SW6020A	< 0.00120				-				7/19/2010
MB-7500	Selenium	mg/L	SW6020A	< 0.000800				-				7/19/2010
MB-7500	Zinc	mg/L	SW6020A	< 0.00500				-				7/19/2010
MB-7525	Arsenic	mg/L	SW6020A	< 0.000600				-				7/20/2010
MB-7525	Cadmium	mg/L	SW6020A	< 0.000180				-				7/20/2010
MB-7525	Lead	mg/L	SW6020A	< 0.000400				-				7/20/2010
MB-7525	Manganese	mg/L	SW6020A	< 0.00120				-				7/20/2010
MB-7525	Selenium	mg/L	SW6020A	< 0.000800				-				7/20/2010
MB-7525	Zinc	mg/L	SW6020A	< 0.00500				-				7/20/2010

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1007245
Project: Scofield Baseline

Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-7500	Aluminum	mg/L	SW6010C	1.01	1.000	0	101	75-125				7/20/2010
LCS-7500	Boron	mg/L	SW6010C	1.01	1.000	0	101	75-125				7/20/2010
LCS-7500	Calcium	mg/L	SW6010C	10.1	10.00	0	101	75-125				7/20/2010
LCS-7500	Iron	mg/L	SW6010C	0.975	1.000	0	97.5	75-125				7/20/2010
LCS-7500	Magnesium	mg/L	SW6010C	9.96	10.00	0	99.6	75-125				7/20/2010
LCS-7500	Molybdenum	mg/L	SW6010C	0.208	0.2000	0	104	75-125				7/20/2010
LCS-7500	Potassium	mg/L	SW6010C	10.2	10.00	0	102	75-125				7/20/2010
LCS-7500	Sodium	mg/L	SW6010C	10.1	10.00	0	101	75-125				7/20/2010
LCS-7525	Iron	mg/L	SW6010C	1.09	1.000	0	109	75-125				7/21/2010
LCS-7500	Arsenic	mg/L	SW6020A	0.200	0.2000	0	100	85-115				7/19/2010
LCS-7500	Cadmium	mg/L	SW6020A	0.201	0.2000	0	101	85-115				7/19/2010
LCS-7500	Copper	mg/L	SW6020A	0.198	0.2000	0.0003770	98.6	85-115				7/19/2010
LCS-7500	Lead	mg/L	SW6020A	0.200	0.2000	0	100	85-115				7/19/2010
LCS-7500	Manganese	mg/L	SW6020A	0.201	0.2000	0	100	85-115				7/19/2010
LCS-7500	Selenium	mg/L	SW6020A	0.197	0.2000	0	98.3	85-115				7/19/2010
LCS-7500	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				7/19/2010
LCS-7525	Arsenic	mg/L	SW6020A	0.201	0.2000	0	101	85-115				7/20/2010
LCS-7525	Cadmium	mg/L	SW6020A	0.201	0.2000	0	101	85-115				7/20/2010
LCS-7525	Lead	mg/L	SW6020A	0.203	0.2000	0	102	85-115				7/20/2010
LCS-7525	Manganese	mg/L	SW6020A	0.203	0.2000	0	101	85-115				7/20/2010
LCS-7525	Selenium	mg/L	SW6020A	0.200	0.2000	0	99.8	85-115				7/20/2010
LCS-7525	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				7/20/2010

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1007245-001
Client Sample ID: CR-10-11
Collection Date: 7/15/2010 0600h
Received Date: 7/16/2010 0945h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		7/19/2010 0540h	A2310B	15.0	**50.0**	
Alkalinity (as CaCO3)	mg/L		7/19/2010 0610h	A2320B	20.0	**212**	
Ammonia (as N)	mg/L	7/28/2010 1510h	7/29/2010 0923h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		7/19/2010 0610h	A2320B	20.0	**212**	
Carbonate (as CaCO3)	mg/L		7/19/2010 0610h	A2320B	10.0	< 10.0	
Chloride	mg/L		7/16/2010 1719h	E300.0	1.00	**14.2**	
Hardness (as CaCO3)	mg/L		7/20/2010	A2340B	100	**243**	
Nitrate (as N)	mg/L		7/16/2010 1732h	E353.2	0.100	**2.54**	
Nitrite (as N)	mg/L		7/16/2010 1711h	E353.2	0.0100	< 0.0100	
Phosphate, Total Ortho (as P)	mg/L		7/16/2010 1535h	E365.1	0.0500	**0.0584**	1
Sulfate	mg/L		7/16/2010 1719h	E300.0	7.50	**27.4**	
Total Dissolved Solids	mg/L		7/16/2010 1330h	A2540C	20.0	**288**	

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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INORGANIC ANALYTICAL REPORT

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1007245-001
Client Sample ID: CR-10-11
Collection Date: 7/15/2010 0600h
Received Date: 7/16/2010 0945h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	7/16/2010 1825h	7/20/2010 1627h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	7/16/2010 1825h	7/20/2010 1627h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	7/16/2010 1825h	7/20/2010 1558h	SW6010C	10.0	**77.9**	2
Copper	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	7/16/2010 1825h	7/20/2010 1627h	SW6010C	0.100	< 0.100	
Lead	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	7/16/2010 1825h	7/20/2010 1627h	SW6010C	1.00	**11.9**	
Manganese	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.00120	**0.00213**	
Molybdenum	mg/L	7/16/2010 1825h	7/20/2010 1758h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	7/16/2010 1825h	7/20/2010 1627h	SW6010C	1.00	< 1.00	
Selenium	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.000800	**0.00206**	
Sodium	mg/L	7/16/2010 1825h	7/20/2010 1627h	SW6010C	1.00	**11.4**	
Zinc	mg/L	7/16/2010 1825h	7/19/2010 0202h	SW6020A	0.00500	**0.0113**	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.
Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1007245-001
Client Sample ID: CR-10-11
Collection Date: 7/15/2010 0600h
Received Date: 7/16/2010 0945h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	7/19/2010 1727h	7/21/2010 1746h	SW6010C	0.100	**0.648**	
Manganese	mg/L	7/19/2010 1727h	7/20/2010 1908h	SW6020A	0.00120	**0.00801**	

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801)263-8687
email: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

AMERICAN
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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413
TEL: (970) 856-6788

RE: Scofield Baseline

Dear Brad Lindsay: Lab Set ID: 1007245

American West Analytical Laboratories received 1 sample(s) on 7/16/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

Sample Set: 1006480

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓														
COD	pH <2 H_2SO_4															
Cyanide	PH >12 NaOH															
Metals	pH <2 HNO_3	✓														
NO_2 & NO_3	pH <2 H_2SO_4															
Nutrients	pH <2 H_2SO_4															
O & G	pH <2 HCL	✓														
Phenols	pH <2 H_2SO_4													~		
Sulfide	pH > 9NaOH, Zn Acetate															
TKN	pH <2 H_2SO_4															
TOC	pH <2 H_3PO_4															
TOX	pH <2 H_2SO_4															
T PO_4	pH <2 H_2SO_4															
TPH	pH <2 HCL															

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

TABLE 3

½ gallon HDPE
1L HDPE
1L HDPE
1-500ml HNO3
1-250ml H2SO4
1 amber 1 HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Client CARBON RESOURCES c/o ROCK LOGIC
Address PO BOX 544
CEDAREDGE CO 81413
City State Zip
Phone 435-851-9044 Fax
Contact BRAD LINDSAY
E-mail ROCKLOGIC.CONSULTING@GMAIL.COM
Project Name SUFFIELD BASELINE
Project Number/P.O.#
Sampler Name BRAD LINDSAY

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686
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CHAIN OF CUSTODY

Lab Sample Set # 1006480
Page of

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)
QC 1 2 2+ 3 3+ 4

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3 ATTACHED	PH	COMMENTS
ASPEN SPRING	6/03/10 / 18:20	W	6	✓	✓	
SULFUR SPRING	/ 19:30			✓	✓	
RES-1	/ 19:55			✓	✓	
MULLER OUTLET	/ 20:30			✓	✓	
MUD CREEK	/ 21:00			✓	✓	

Please indicate tests needed below

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 15:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 6/25/10	Received By: Signature Elena Haywood
PRINT NAME	Time 935	PRINT NAME Elena Haywood

Special Instructions:
FILTER FOR DISSOLVED METALS

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered (Y) N
Notes: UPS
2 Ambient or (Chilled)
Notes:
3 Temperature 4.10
4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:
5 Properly Preserved
(Y) N
Notes:
6 Received Within Holding Times
Y (N)
Notes: pH out of hold

COC Tape Was:
1 Present on Outer Package
(Y) N NA
2 Unbroken on Outer Package
(Y) N NA
3 Present on Sample
Y (N) NA
4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

WORK ORDER Summary

25-Jun-10

Work Order: 1006480
WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS : QC 2+, EDD. Footnote report, pH received outside of hold;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1006480-005D	Mud Creek	6/23/2010 9:00:00 PM	6/25/2010 9:35:00 AM	7/12/2010	Aqueous	NH3-W-PR	☐	☐	☐	☐	DF - nh3
1006480-005E				7/12/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met
				7/12/2010		6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										
				7/12/2010		6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										
				7/12/2010		HARD-2340B	☐	☐	☐	☐	DF - dis met
1006480-005F				7/12/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met
				7/12/2010		6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				7/12/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										

WORK ORDER Summary

25-Jun-10

Work Order: 1006480
WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS :
QC 2+, EDD. Footnote report, pH received outside of hold;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1006480-004E	Miller Outlet	6/23/2010 8:30:00 PM	6/25/2010 9:35:00 AM	7/12/2010	Aqueous	6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										
				7/12/2010		6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										
				7/12/2010		HARD-2340B	☐	☐	☐	☐	DF - dis met
1006480-004F				7/12/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met
				7/12/2010		6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				7/12/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										
1006480-005A	Mud Creek	6/23/2010 9:00:00 PM		7/12/2010		SS-W-2540F	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TDS-W-2540C	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TSS-W-2540D	☐	☐	☐	☐	ww - ss/tss/tds
1006480-005B				7/12/2010		300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				7/12/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				7/12/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				7/12/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		PH-4500H+B	☐	☐	☐	☐	DF - wc
				7/12/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1006480-005C				7/12/2010		OGB-W-1664A	☐	☐	☐	☐	ogb
1006480-005D				7/12/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3

WORK ORDER Summary

25-Jun-10

Work Order: 1006480
WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS :
QC 2+, EDD. Footnote report, pH received outside of hold;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1006480-003E	RES-1	6/23/2010 7:55:00 PM	6/25/2010 9:35:00 AM	7/12/2010	Aqueous	6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										
				7/12/2010		HARD-2340B	☐	☐	☐	☐	DF - dis met
1006480-003F				7/12/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met
				7/12/2010		6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				7/12/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										
1006480-004A	Miller Outlet	6/23/2010 8:30:00 PM		7/12/2010		SS-W-2540F	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TDS-W-2540C	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TSS-W-2540D	☐	☐	☐	☐	ww - ss/tss/tds
1006480-004B				7/12/2010		300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				7/12/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				7/12/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				7/12/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		PH-4500H+B	☐	☐	☐	☐	DF - wc
				7/12/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1006480-004C				7/12/2010		OGB-W-1664A	☐	☐	☐	☐	ogb
1006480-004D				7/12/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3
				7/12/2010		NH3-W-PR	☐	☐	☐	☐	DF - nh3
1006480-004E				7/12/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met

WORK ORDER Summary

25-Jun-10

Work Order: 1006480
WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS :
QC 2+, EDD. Footnote report, pH received outside of hold;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1006480-002E	Sulfur Spring	6/23/2010 7:30:00 PM	6/25/2010 9:35:00 AM	7/12/2010	Aqueous	HARD-2340B	☐	☐	☐	☐	DF - dis met
1006480-002F				7/12/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met
				7/12/2010		6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				7/12/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										
1006480-003A	RES-1	6/23/2010 7:55:00 PM		7/12/2010		SS-W-2540F	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TDS-W-2540C	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TSS-W-2540D	☐	☐	☐	☐	ww - ss/tss/tds
1006480-003B				7/12/2010		300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				7/12/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				7/12/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				7/12/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		PH-4500H+B	☐	☐	☐	☐	DF - wc
				7/12/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1006480-003C				7/12/2010		OGB-W-1664A	☐	☐	☐	☐	ogb
1006480-003D				7/12/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3
				7/12/2010		NH3-W-PR	☐	☐	☐	☐	DF - nh3
1006480-003E				7/12/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met
				7/12/2010		6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										

WORK ORDER Summary

25-Jun-10

Work Order: 1006480

WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS : QC 2+, EDD. Footnote report, pH received outside of hold;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1006480-001F	Aspen Spring	6/23/2010 6:20:00 PM	6/25/2010 9:35:00 AM	7/12/2010	Aqueous	6010C-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: FE										
				7/12/2010		6020-W	☐	☐	☑	☐	DF - total met
	SEL Analytes: MN										
1006480-002A	Sulfur Spring	6/23/2010 7:30:00 PM		7/12/2010		SS-W-2540F	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TDS-W-2540C	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TSS-W-2540D	☐	☐	☐	☐	ww - ss/tss/tds
1006480-002B				7/12/2010		300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				7/12/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				7/12/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				7/12/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		PH-4500H+B	☐	☐	☐	☐	DF - wc
				7/12/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1006480-002C				7/12/2010		OGB-W-1664A	☐	☐	☐	☐	ogb
1006480-002D				7/12/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3
				7/12/2010		NH3-W-PR	☐	☐	☐	☐	DF - nh3
1006480-002E				7/12/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met
				7/12/2010		6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										
				7/12/2010		6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										

American West Analytical Laboratories

WORK ORDER Summary

25-Jun-10

Work Order: 1006480
WO Type: Project

Client ID:	CAR300	**Contact:**	Brad Lindsay
Project ID:	CAR300-Scofield Baseline	**PM:**	
Project:	Scofield Baseline	**QC Level:**	LEVEL II+
ChkList Completed On:		**Completed By:**	
ChkList Reviewed On:		**Reviewed By:**	
WO Reviewed On:		**Reviewed By:**	

COMMENTS :
QC 2+, EDD. Footnote report, pH received outside of hold;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1006480-001A	Aspen Spring	6/23/2010 6:20:00 PM	6/25/2010 9:35:00 AM	7/12/2010	Aqueous	SS-W-2540F	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TDS-W-2540C	☐	☐	☐	☐	ww - ss/tss/tds
				7/12/2010		TSS-W-2540D	☐	☐	☐	☐	ww - ss/tss/tds
1006480-001B				7/12/2010		300.0-W	☐	☐	☑	☐	DF - wc
	SEL Analytes: CL SO4										
				7/12/2010		ACIDITY-W-2310B	☐	☐	☐	☐	DF - wc
				7/12/2010		ALK-W-2320B	☐	☐	☑	☐	DF - wc
	SEL Analytes: ALK ALKB ALKC										
				7/12/2010		NO2-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		NO3-W-353.2	☐	☐	☐	☐	DF - wc
				7/12/2010		PH-4500H+B	☐	☐	☐	☐	DF - wc
				7/12/2010		PO4-O-365.1	☐	☐	☐	☐	DF - wc
1006480-001C				7/12/2010		OGB-W-1664A	☐	☐	☐	☐	ogb
1006480-001D				7/12/2010		NH3-W-350.1	☐	☐	☐	☐	DF - nh3
				7/12/2010		NH3-W-PR	☐	☐	☐	☐	DF - nh3
1006480-001E				7/12/2010		3005A-DIS-PR	☐	☐	☐	☐	DF - dis met
				7/12/2010		6010C-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AL B CA FE MG MO K NA										
				7/12/2010		6020-DIS	☐	☐	☑	☐	DF - dis met
	SEL Analytes: AS CD CU PB MN SE ZN										
				7/12/2010		HARD-2340B	☐	☐	☐	☐	DF - dis met
1006480-001F				7/12/2010		3005A-ICPMS-PR	☐	☐	☐	☐	DF - total met

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1006496-003DMSD	Chloride	mg/L	E300.0	670	500.0	175.3	99.1	90-110	0.259	20		6/29/2010
1006443-001GMSD	Chloride	mg/L	E300.0	1,200	500.0	705.2	98.6	90-110	0.600	20		6/29/2010
1006480-001BMSD	Chloride	mg/L	E300.0	67	50.00	18.21	98.3	90-110	0.174	20		6/29/2010
1006480-001BMSD	Sulfate	mg/L	E300.0	60	50.00	9.878	99.4	90-110	0.00336	20		6/29/2010
1006480-002BMSD	Acidity	mg/L	A2310B	50	50.00	0	100	80-120	0	0		6/28/2010
1006480-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	270	100.0	153.0	114	80-120	0	10		6/28/2010
1006496-003DMSD	Alkalinity (as CaCO3)	mg/L	A2320B	620	200.0	415.0	100	80-120	0.489	10		6/28/2010
1006480-001DMSD	Ammonia (as N)	mg/L	E350.1	1.2	1.000	0.1466	105	90-110	4.63	10		6/29/2010
1006480-001BMSD	Nitrite (as N)	mg/L	E353.2	1.1	1.000	0.02090	105	90-110	3.06	10		6/25/2010
1006480-001BMSD	Nitrate (as N)	mg/L	E353.2	1.0	1.000	0	104	90-110	3.45	10		6/25/2010
1006480-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.84	1.000	0.02430	82.0	90-110	3.38	10	1	6/25/2010

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1006496-003DMS	Chloride	mg/L	E300.0	670	500.0	175.3	99.4	90-110				6/29/2010
1006443-001GMS	Chloride	mg/L	E300.0	1,200	500.0	705.2	100	90-110				6/29/2010
1006480-001BMS	Chloride	mg/L	E300.0	67	50.00	18.21	98.1	90-110				6/29/2010
1006480-001BMS	Sulfate	mg/L	E300.0	60	50.00	9.878	99.4	90-110				6/29/2010
1006480-002BMS	Acidity	mg/L	A2310B	50	50.00	0	100	80-120				6/28/2010
1006480-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	270	100.0	153.0	114	80-120				6/28/2010
1006496-003DMS	Alkalinity (as CaCO3)	mg/L	A2320B	610	200.0	415.0	98.5	80-120				6/28/2010
1006480-001DMS	Ammonia (as N)	mg/L	E350.1	1.1	1.000	0.1466	99.2	90-110				6/29/2010
1006480-001BMS	Nitrite (as N)	mg/L	E353.2	1.1	1.000	0.02090	108	90-110				6/25/2010
1006480-001BMS	Nitrate (as N)	mg/L	E353.2	1.1	1.000	0	107	90-110				6/25/2010
1006480-001BMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.87	1.000	0.02430	84.9	90-110			1	6/25/2010

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R15964	Chloride	mg/L	E300.0	< 0.10				-				6/29/2010
MB-R15964	Sulfate	mg/L	E300.0	< 0.75				-				6/29/2010
MB-R15883	Acidity	mg/L	A2310B	< 15				-				6/28/2010
MB-R15888	Alkalinity (as CaCO3)	mg/L	A2320B	< 10				-				6/28/2010
MB-R15888	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10				-				6/28/2010
MB-R15888	Carbonate (as CaCO3)	mg/L	A2320B	< 10				-				6/28/2010
MB-7255	Ammonia (as N)	mg/L	E350.1	< 0.050				-				6/29/2010
MB-R15860	Nitrite (as N)	mg/L	E353.2	< 0.010				-				6/25/2010
MB-R15861	Nitrate (as N)	mg/L	E353.2	< 0.010				-				6/25/2010
MB-R16017	Oil & Grease	mg/L	E1664A	< 3.0				-				6/30/2010
MB-R15848	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.050				-				6/25/2010
MB-R15923	Total Dissolved Solids	mg/L	A2540C	< 10				-				6/25/2010
MB-R15886	Total Suspended Solids	mg/L	A2540D	< 3.0				-				6/25/2010

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: WC
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R15964	Chloride	mg/L	E300.0	4.8	5.000	0	96.7	90-110				6/29/2010
LCS-R15964	Sulfate	mg/L	E300.0	5.2	5.000	0	103	90-110				6/29/2010
LCS-R15883	Acidity	mg/L	A2310B	52	50.00	0	104	80-120				6/28/2010
LCS-R15888	Alkalinity (as CaCO3)	mg/L	A2320B	51,000	50,000	0	102	90-110				6/28/2010
LCS-7255	Ammonia (as N)	mg/L	E350.1	1.0	1.000	0	104	90-110				6/29/2010
LCS-R15860	Nitrite (as N)	mg/L	E353.2	1.0	1.000	0	105	90-110				6/25/2010
LCS-R15861	Nitrate (as N)	mg/L	E353.2	1.1	1.000	0	105	90-110				6/25/2010
LCS-R16017	Oil & Grease	mg/L	E1664A	40	40.00	2.500	93.3	78-114				6/30/2010
LCS-R15876	pH @ 25° C	pH Units	A4500-H+B	8.96	9.000	0	99.6	98-102				6/25/2010
LCS-R15848	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.90	1.000	0	90.3	90-110				6/25/2010
LCS-R15923	Total Dissolved Solids	mg/L	A2540C	190	205.0	0	93.7	80-120				6/25/2010
LCS-R15886	Total Suspended Solids	mg/L	A2540D	98	100.0	0	98.0	80-120				6/25/2010

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: WC
QC Type: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1006480-001BDUP	pH @ 25° C	pH Units	A4500-H+B	7.74		7.710		-	0.388	5	H	6/25/2010
1006475-005ADUP	Total Dissolved Solids	mg/L	A2540C	3,700		3,720		-	0.750	20		6/25/2010
1006480-005ADUP	Total Dissolved Solids	mg/L	A2540C	290		296.0		-	1.36	20		6/25/2010
1006480-002ADUP	Total Suspended Solids	mg/L	A2540D	< 3.0		2.000		-	0	20		6/25/2010
1006497-001ADUP	Total Suspended Solids	mg/L	A2540D	39		38.00		-	2.60	20		6/25/2010

H - Sample was received outside of the holding time.

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1006480-002EMSD	Aluminum	mg/L	SW6010C	1.0	1.000	0	101	75-125	1.44	20		6/28/2010
1006480-002EMSD	Boron	mg/L	SW6010C	1.1	1.000	0.04776	109	75-125	1.76	20		6/28/2010
1006480-002EMSD	Iron	mg/L	SW6010C	1.0	1.000	0	101	75-125	0.749	20		6/28/2010
1006480-002EMSD	Magnesium	mg/L	SW6010C	43	10.00	34.55	83.4	75-125	2.54	20		6/28/2010
1006480-002EMSD	Molybdenum	mg/L	SW6010C	0.20	0.2000	0	101	75-125	0.163	20		6/28/2010
1006480-002EMSD	Potassium	mg/L	SW6010C	15	10.00	5.021	101	75-125	2.47	20		6/28/2010
1006480-002EMSD	Sodium	mg/L	SW6010C	18	10.00	8.465	93.5	75-125	2.24	20		6/28/2010
1006480-002EMSD	Calcium	mg/L	SW6010C	98	10.00	85.79	125	75-125	2.38	20		6/28/2010
1006480-001FMSD	Iron	mg/L	SW6010C	5.7	1.000	4.809	90.8	75-125	4.66	20		6/28/2010
1006480-002EMSD	Arsenic	mg/L	SW6020A	0.20	0.2000	0.0003180	101	70-130	0.614	20		6/28/2010
1006480-002EMSD	Cadmium	mg/L	SW6020A	0.20	0.2000	0.00003000	99.1	70-130	0.590	20		6/28/2010
1006480-002EMSD	Copper	mg/L	SW6020A	0.21	0.2000	0.0006360	103	70-130	0.0825	20		6/28/2010
1006480-002EMSD	Lead	mg/L	SW6020A	0.20	0.2000	0	97.8	70-130	0.122	20		6/28/2010
1006480-002EMSD	Manganese	mg/L	SW6020A	0.23	0.2000	0.03044	99.6	70-130	0.183	20		6/28/2010
1006480-002EMSD	Selenium	mg/L	SW6020A	0.20	0.2000	0.0001680	102	70-130	1.87	20		6/28/2010
1006480-002EMSD	Zinc	mg/L	SW6020A	1.0	1.000	0	99.7	70-130	0.533	20		6/28/2010
1006480-001FMSD	Manganese	mg/L	SW6020A	0.35	0.2000	0.1457	101	70-130	0.256	20		6/25/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1006480-002EMS	Aluminum	mg/L	SW6010C	1.0	1.000	0	99.8	75-125				6/28/2010
1006480-002EMS	Boron	mg/L	SW6010C	1.1	1.000	0.04776	107	75-125				6/28/2010
1006480-002EMS	Iron	mg/L	SW6010C	1.0	1.000	0	100	75-125				6/28/2010
1006480-002EMS	Magnesium	mg/L	SW6010C	42	10.00	34.55	72.6	75-125				6/28/2010
1006480-002EMS	Molybdenum	mg/L	SW6010C	0.20	0.2000	0	101	75-125				6/28/2010
1006480-002EMS	Potassium	mg/L	SW6010C	15	10.00	5.021	97.5	75-125				6/28/2010
1006480-002EMS	Sodium	mg/L	SW6010C	17	10.00	8.465	89.5	75-125				6/28/2010
1006480-002EMS	Calcium	mg/L	SW6010C	96	10.00	85.79	102	75-125				6/28/2010
1006480-001FMS	Iron	mg/L	SW6010C	6.0	1.000	4.809	118	75-125				6/28/2010
1006480-002EMS	Arsenic	mg/L	SW6020A	0.20	0.2000	0.0003180	102	70-130				6/28/2010
1006480-002EMS	Cadmium	mg/L	SW6020A	0.20	0.2000	0.00003000	99.7	70-130				6/28/2010
1006480-002EMS	Copper	mg/L	SW6020A	0.21	0.2000	0.0006360	103	70-130				6/28/2010
1006480-002EMS	Lead	mg/L	SW6020A	0.20	0.2000	0	97.9	70-130				6/28/2010
1006480-002EMS	Manganese	mg/L	SW6020A	0.23	0.2000	0.03044	99.4	70-130				6/28/2010
1006480-002EMS	Selenium	mg/L	SW6020A	0.20	0.2000	0.0001680	100	70-130				6/28/2010
1006480-002EMS	Zinc	mg/L	SW6020A	1.0	1.000	0	100	70-130				6/28/2010
1006480-001FMS	Manganese	mg/L	SW6020A	0.35	0.2000	0.1457	102	70-130				6/25/2010

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: ME
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-7235	Aluminum	mg/L	SW6010C	< 0.10				-				6/28/2010
MB-7235	Boron	mg/L	SW6010C	< 0.50				-				6/28/2010
MB-7235	Calcium	mg/L	SW6010C	< 1.0				-				6/28/2010
MB-7235	Iron	mg/L	SW6010C	< 0.10				-				6/28/2010
MB-7235	Magnesium	mg/L	SW6010C	< 1.0				-				6/28/2010
MB-7235	Molybdenum	mg/L	SW6010C	< 0.020				-				6/28/2010
MB-7235	Potassium	mg/L	SW6010C	< 1.0				-				6/28/2010
MB-7235	Sodium	mg/L	SW6010C	< 1.0				-				6/28/2010
MB-7236	Iron	mg/L	SW6010C	< 0.10				-				6/28/2010
MB-7235	Arsenic	mg/L	SW6020A	< 0.00060				-				6/28/2010
MB-7235	Cadmium	mg/L	SW6020A	< 0.00018				-				6/28/2010
MB-7235	Copper	mg/L	SW6020A	< 0.00080				-				6/28/2010
MB-7235	Lead	mg/L	SW6020A	< 0.00040				-				6/28/2010
MB-7235	Manganese	mg/L	SW6020A	< 0.0012				-				6/28/2010
MB-7235	Selenium	mg/L	SW6020A	< 0.00080				-				6/28/2010
MB-7235	Zinc	mg/L	SW6020A	< 0.0050				-				6/28/2010
MB-7236	Manganese	mg/L	SW6020A	< 0.0012				-				6/25/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1006480
Project: Scofield Baseline

Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-7235	Aluminum	mg/L	SW6010C	0.97	1.000	0	97.5	75-125				6/28/2010
LCS-7235	Boron	mg/L	SW6010C	0.96	1.000	0	96.4	75-125				6/28/2010
LCS-7235	Calcium	mg/L	SW6010C	9.8	10.00	0	97.6	75-125				6/28/2010
LCS-7235	Iron	mg/L	SW6010C	0.96	1.000	0	96.2	75-125				6/28/2010
LCS-7235	Magnesium	mg/L	SW6010C	9.5	10.00	0	94.9	75-125				6/28/2010
LCS-7235	Molybdenum	mg/L	SW6010C	0.19	0.2000	0	92.7	75-125				6/28/2010
LCS-7235	Potassium	mg/L	SW6010C	9.8	10.00	0	98.3	75-125				6/28/2010
LCS-7235	Sodium	mg/L	SW6010C	9.3	10.00	0	92.8	75-125				6/28/2010
LCS-7236	Iron	mg/L	SW6010C	1.0	1.000	0	101	75-125				6/28/2010
LCS-7235	Arsenic	mg/L	SW6020A	0.20	0.2000	0	100	85-115				6/28/2010
LCS-7235	Cadmium	mg/L	SW6020A	0.20	0.2000	0	99.8	85-115				6/28/2010
LCS-7235	Copper	mg/L	SW6020A	0.20	0.2000	0	100	85-115				6/28/2010
LCS-7235	Lead	mg/L	SW6020A	0.20	0.2000	0	101	85-115				6/28/2010
LCS-7235	Manganese	mg/L	SW6020A	0.20	0.2000	0	101	85-115				6/28/2010
LCS-7235	Selenium	mg/L	SW6020A	0.20	0.2000	0	99.5	85-115				6/28/2010
LCS-7235	Zinc	mg/L	SW6020A	1.0	1.000	0	100	85-115				6/28/2010
LCS-7236	Manganese	mg/L	SW6020A	0.20	0.2000	0	99.0	85-115				6/25/2010

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-005
Client Sample ID: Mud Creek
Collection Date: 6/23/2010 2100h
Received Date: 6/25/2010 935h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		6/28/2010 820h	A2310B	15	< 15	
Alkalinity (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**200**	
Ammonia (as N)	mg/L	6/28/2010 1638h	6/29/2010 859h	E350.1	0.050	**0.12**	
Bicarbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**190**	
Carbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	< 20	
Chloride	mg/L		6/30/2010 112h	E300.0	1.0	**13**	
Hardness (as CaCO3)	mg/L		6/28/2010 000h	A2340B	10	**220**	
Nitrate (as N)	mg/L		6/25/2010 1550h	E353.2	0.010	**0.17**	
Nitrite (as N)	mg/L		6/25/2010 1550h	E353.2	0.010	< 0.010	
Oil & Grease	mg/L		6/30/2010 1314h	E1664A	3.0	< 3.0	
pH @ 25° C	pH Units		6/25/2010 1830h	A4500-H+B	1.00	**8.49**	H
Phosphate, Total Ortho (as P)	mg/L		6/25/2010 1223h	E365.1	0.050	< 0.050	
Settleable Solids	mL/L		6/25/2010 1120h	A2540F	0.10	< 0.10	
Sulfate	mg/L		6/30/2010 112h	E300.0	7.5	**69**	
Total Dissolved Solids	mg/L		6/25/2010 1400h	A2540C	20	**300**	
Total Suspended Solids	mg/L		6/25/2010 1630h	A2540D	3.0	**29**	

H - Sample was received outside of the holding time.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-004
Client Sample ID: Miller Outlet
Collection Date: 6/23/2010 2030h
Received Date: 6/25/2010 935h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		6/28/2010 820h	A2310B	15	< 15	
Alkalinity (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**210**	
Ammonia (as N)	mg/L	6/28/2010 1638h	6/29/2010 858h	E350.1	0.050	**0.084**	
Bicarbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**210**	
Carbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	10	< 10	
Chloride	mg/L		6/30/2010 002h	E300.0	1.0	**10**	
Hardness (as CaCO3)	mg/L		6/28/2010 000h	A2340B	100	**230**	
Nitrate (as N)	mg/L		6/25/2010 1549h	E353.2	0.010	**0.048**	
Nitrite (as N)	mg/L		6/25/2010 1549h	E353.2	0.010	< 0.010	
Oil & Grease	mg/L		6/30/2010 1314h	E1664A	3.0	< 3.0	
pH @ 25° C	pH Units		6/25/2010 1830h	A4500-H+B	1.00	**8.29**	H
Phosphate, Total Ortho (as P)	mg/L		6/25/2010 1222h	E365.1	0.050	< 0.050	
Settleable Solids	mL/L		6/25/2010 1120h	A2540F	0.10	**0.20**	
Sulfate	mg/L		6/30/2010 002h	E300.0	7.5	**22**	
Total Dissolved Solids	mg/L		6/25/2010 1400h	A2540C	20	**240**	
Total Suspended Solids	mg/L		6/25/2010 1630h	A2540D	3.0	**86**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-003
Client Sample ID: RES-1
Collection Date: 6/23/2010 1955h
Received Date: 6/25/2010 935h

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Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		6/28/2010 820h	A2310B	15	< 15	
Alkalinity (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**170**	
Ammonia (as N)	mg/L	6/28/2010 1638h	6/29/2010 856h	E350.1	0.050	**0.089**	
Bicarbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**160**	
Carbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	< 20	
Chloride	mg/L		6/29/2010 2339h	E300.0	1.0	**8.3**	
Hardness (as CaCO3)	mg/L		6/28/2010 000h	A2340B	10	**180**	
Nitrate (as N)	mg/L		6/25/2010 1541h	E353.2	0.010	< 0.010	
Nitrite (as N)	mg/L		6/25/2010 1541h	E353.2	0.010	< 0.010	
Oil & Grease	mg/L		6/30/2010 1314h	E1664A	3.0	< 3.0	
pH @ 25° C	pH Units		6/25/2010 1830h	A4500-H+B	1.00	**8.50**	H
Phosphate, Total Ortho (as P)	mg/L		6/25/2010 1221h	E365.1	0.050	< 0.050	
Settleable Solids	mL/L		6/25/2010 1120h	A2540F	0.10	< 0.10	
Sulfate	mg/L		6/29/2010 2339h	E300.0	7.5	**30**	
Total Dissolved Solids	mg/L		6/25/2010 1400h	A2540C	20	**200**	
Total Suspended Solids	mg/L		6/25/2010 1630h	A2540D	3.0	**11**	

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INORGANIC ANALYTICAL REPORT

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Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-002
Client Sample ID: Sulfur Spring
Collection Date: 6/23/2010 1930h
Received Date: 6/25/2010 935h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		6/28/2010 820h	A2310B	15	< 15	
Alkalinity (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	40	**350**	
Ammonia (as N)	mg/L	6/28/2010 1638h	6/29/2010 855h	E350.1	0.050	**0.21**	
Bicarbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	40	**350**	
Carbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	10	< 10	
Chloride	mg/L		6/29/2010 2315h	E300.0	1.0	**6.5**	
Hardness (as CaCO3)	mg/L		6/28/2010 000h	A2340B	100	**360**	
Nitrate (as N)	mg/L		6/25/2010 1540h	E353.2	0.010	< 0.010	
Nitrite (as N)	mg/L		6/25/2010 1540h	E353.2	0.010	< 0.010	
Oil & Grease	mg/L		6/30/2010 1314h	E1664A	3.0	< 3.0	
pH @ 25° C	pH Units		6/25/2010 1830h	A4500-H+B	1.00	**7.30**	H
Phosphate, Total Ortho (as P)	mg/L		6/25/2010 1220h	E365.1	0.050	< 0.050	
Settleable Solids	mL/L		6/25/2010 1120h	A2540F	0.10	< 0.10	
Sulfate	mg/L		6/29/2010 2315h	E300.0	7.5	**44**	
Total Dissolved Solids	mg/L		6/25/2010 1400h	A2540C	20	**370**	
Total Suspended Solids	mg/L		6/25/2010 1630h	A2540D	3.0	< 3.0	

H - Sample was received outside of the holding time.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-001
Client Sample ID: Aspen Spring
Collection Date: 6/23/2010 1820h
Received Date: 6/25/2010 935h

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QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		6/28/2010 820h	A2310B	15	< 15	
Alkalinity (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**150**	
Ammonia (as N)	mg/L	6/28/2010 1638h	6/29/2010 852h	E350.1	0.050	**0.15**	
Bicarbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	20	**150**	
Carbonate (as CaCO3)	mg/L		6/28/2010 1000h	A2320B	10	< 10	
Chloride	mg/L		6/29/2010 2206h	E300.0	1.0	**18**	
Hardness (as CaCO3)	mg/L		6/28/2010 000h	A2340B	10	**150**	
Nitrate (as N)	mg/L		6/25/2010 1533h	E353.2	0.010	< 0.010	
Nitrite (as N)	mg/L		6/25/2010 1533h	E353.2	0.010	**0.021**	
Oil & Grease	mg/L		6/30/2010 1314h	E1664A	3.0	< 3.0	
pH @ 25° C	pH Units		6/25/2010 1830h	A4500-H+B	1.00	**7.71**	H
Phosphate, Total Ortho (as P)	mg/L		6/25/2010 1218h	E365.1	0.050	< 0.050	1
Settleable Solids	mL/L		6/25/2010 1120h	A2540F	0.10	< 0.10	
Sulfate	mg/L		6/29/2010 2206h	E300.0	7.5	**9.9**	
Total Dissolved Solids	mg/L		6/25/2010 1400h	A2540C	20	**220**	
Total Suspended Solids	mg/L		6/25/2010 1630h	A2540D	3.0	**13**	

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

H - Sample was received outside of the holding time.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-005
Client Sample ID: Mud Creek
Collection Date: 6/23/2010 2100h
Received Date: 6/25/2010 935h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	0.10	< 0.10	
Arsenic	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.00060	< 0.00060	
Boron	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	0.50	< 0.50	
Cadmium	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.00018	< 0.00018	
Calcium	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	1.0	**50**	
Copper	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.00080	**0.0011**	
Iron	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	0.10	< 0.10	
Lead	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.00040	< 0.00040	
Magnesium	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	1.0	**23**	
Manganese	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.0012	**0.010**	
Molybdenum	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	0.020	< 0.020	
Potassium	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	1.0	**4.2**	
Selenium	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.00080	< 0.00080	
Sodium	mg/L	6/25/2010 1538h	6/28/2010 1735h	SW6010C	1.0	**24**	
Zinc	mg/L	6/25/2010 1538h	6/28/2010 2345h	SW6020A	0.0050	< 0.0050	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-004
Client Sample ID: Miller Outlet
Collection Date: 6/23/2010 2030h
Received Date: 6/25/2010 935h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	0.10	< 0.10	
Arsenic	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.00060	**0.00071**	
Boron	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	0.50	< 0.50	
Cadmium	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.00018	< 0.00018	
Calcium	mg/L	6/25/2010 1538h	6/28/2010 1642h	SW6010C	10	**66**	
Copper	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.00080	**0.0014**	
Iron	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	0.10	< 0.10	
Lead	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.00040	< 0.00040	
Magnesium	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	1.0	**16**	
Manganese	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.0012	**0.0013**	
Molybdenum	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	0.020	< 0.020	
Potassium	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	1.0	**2.3**	
Selenium	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.00080	< 0.00080	
Sodium	mg/L	6/25/2010 1538h	6/28/2010 1731h	SW6010C	1.0	**6.5**	
Zinc	mg/L	6/25/2010 1538h	6/28/2010 2339h	SW6020A	0.0050	< 0.0050	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-003
Client Sample ID: RES-1
Collection Date: 6/23/2010 1955h
Received Date: 6/25/2010 935h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	0.10	< 0.10	
Arsenic	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.00060	**0.00071**	
Boron	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	0.50	< 0.50	
Cadmium	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.00018	< 0.00018	
Calcium	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	1.0	**44**	
Copper	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.00080	**0.0039**	
Iron	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	0.10	< 0.10	
Lead	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.00040	< 0.00040	
Magnesium	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	1.0	**16**	
Manganese	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.0012	**0.0069**	
Molybdenum	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	0.020	< 0.020	
Potassium	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	1.0	**2.0**	
Selenium	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.00080	< 0.00080	
Sodium	mg/L	6/25/2010 1538h	6/28/2010 1727h	SW6010C	1.0	**11**	
Zinc	mg/L	6/25/2010 1538h	6/28/2010 2333h	SW6020A	0.0050	**0.019**	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline		
Lab Sample ID:	1006480-002		
Client Sample ID:	Sulfur Spring		
Collection Date:	6/23/2010 1930h		
Received Date:	6/25/2010 935h		

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	0.10	< 0.10	
Arsenic	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.00060	< 0.00060	
Boron	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	0.50	< 0.50	
Cadmium	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.00018	< 0.00018	
Calcium	mg/L	6/25/2010 1538h	6/28/2010 1811h	SW6010C	10	**86**	
Copper	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.00080	< 0.00080	
Iron	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	0.10	< 0.10	
Lead	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.00040	< 0.00040	
Magnesium	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	1.0	**35**	
Manganese	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.0012	**0.030**	
Molybdenum	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	0.020	< 0.020	
Potassium	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	1.0	**5.0**	
Selenium	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.00080	< 0.00080	
Sodium	mg/L	6/25/2010 1538h	6/28/2010 1830h	SW6010C	1.0	**8.5**	
Zinc	mg/L	6/25/2010 1538h	6/28/2010 2302h	SW6020A	0.0050	< 0.0050	

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.
Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

AMERICAN WEST ANALYTICAL LABORATORIES

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84115

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline		
Lab Sample ID:	1006480-001		
Client Sample ID:	Aspen Spring		
Collection Date:	6/23/2010 1820h		
Received Date:	6/25/2010 935h		

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	0.10	< 0.10	
Arsenic	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.00060	**0.0034**	
Boron	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	0.50	< 0.50	
Cadmium	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.00018	< 0.00018	
Calcium	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	1.0	**44**	
Copper	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.00080	**0.00095**	
Iron	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	0.10	**1.1**	
Lead	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.00040	< 0.00040	
Magnesium	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	1.0	**9.1**	
Manganese	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.0012	**0.0066**	
Molybdenum	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	0.020	< 0.020	
Potassium	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	1.0	**12**	
Selenium	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.00080	**0.0013**	
Sodium	mg/L	6/25/2010 1538h	6/28/2010 1822h	SW6010C	1.0	**5.8**	
Zinc	mg/L	6/25/2010 1538h	6/28/2010 2256h	SW6020A	0.0050	< 0.0050	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline		
Lab Sample ID:	1006480-005		
Client Sample ID:	Mud Creek		
Collection Date:	6/23/2010 2100h		
Received Date:	6/25/2010 935h		

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	6/25/2010 1540h	6/28/2010 1549h	SW6010C	0.10	0.28	
Manganese	mg/L	6/25/2010 1540h	6/25/2010 2323h	SW6020A	0.0012	0.023	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-004
Client Sample ID: Miller Outlet
Collection Date: 6/23/2010 2030h
Received Date: 6/25/2010 935h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	6/25/2010 1540h	6/28/2010 1545h	SW6010C	0.10	**1.4**	
Manganese	mg/L	6/25/2010 1540h	6/25/2010 2317h	SW6020A	0.0012	**0.075**	

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Client: Carbon Resources
Contact: Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-003
Client Sample ID: RES-1
Collection Date: 6/23/2010 1955h
Received Date: 6/25/2010 935h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	6/25/2010 1540h	6/28/2010 1541h	SW6010C	0.10	< 0.10	
Manganese	mg/L	6/25/2010 1540h	6/25/2010 2311h	SW6020A	0.0012	**0.027**	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline
Lab Sample ID: 1006480-002
Client Sample ID: Sulfur Spring
Collection Date: 6/23/2010 1930h
Received Date: 6/25/2010 935h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	6/25/2010 1540h	6/28/2010 1537h	SW6010C	0.10	< 0.10	
Manganese	mg/L	6/25/2010 1540h	6/25/2010 2305h	SW6020A	0.0012	**0.029**	

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline		
Lab Sample ID:	1006480-001		
Client Sample ID:	Aspen Spring		
Collection Date:	6/23/2010 1820h		
Received Date:	6/25/2010 935h		

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Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	6/25/2010 1540h	6/28/2010 1522h	SW6010C	0.10	**4.8**	
Manganese	mg/L	6/25/2010 1540h	6/25/2010 2216h	SW6020A	0.0012	**0.15**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413
TEL: (970) 856-6788

RE: Scofield Baseline

Dear Brad Lindsay:

Lab Set ID: 1006480

American West Analytical Laboratories received 5 sample(s) on 6/25/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: _____
Laboratory Director or designee

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Sample Set: 85972

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH	✓															
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

TABLE 3

½ gallon HDPE
1 L HDPE
1 L HDPE
1 500 mL HNO3
1 250 mL H2SO4
1 amber L HCl

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Client CARBON RESOURCES c/o ROCK LOGIC
Address P.O. BOX 544
CEDAREDGE CO 81413
City State Zip
Phone (435) 851-9044 Fax
Contact BRAD LINDSAY
E-mail ROCKLOGICCONSULTING@GMAIL.COM
Project Name SCOFIELD BASELINE
Project Number/P.O.#
Sampler Name BRAD LINDSAY

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115

CHAIN OF CUSTODY

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Lab Sample Set # 85972
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3										QC LEVEL 1 2 2+ 3 3+ 4 COMMENTS
ASPEN SPRING	8-26-08/15:50	W	6	✓										
SULFUR SPRING	/ 17:15													
RES-1	/ 18:20													
MILLER OUTLET	/ 18:00													
MUD CREEK	/ 18:40													

Relinquished By: Signature	Date	Received By: Signature
[signature]	8-27-08	[signature]
PRINT NAME BRAD LINDSAY	Time 17:00	PRINT NAME Samantha Broadhead
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

DID NOT FIELD FILTER

PLEASE MAIL RESULTS
& E-MAIL .XLS & .pdf
THANKS

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes: on ice
3 Temperature 1.9°
4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:
5 Properly Preserved
Y N
Notes:
6 Received Within Holding Times
Y N
Notes:

COC Tape Was:
1 Present on Outer Package
Y N NA
2 Unbroken on Outer Package
Y N NA
3 Present on Sample
Y N NA
4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

WORK ORDER Summary

27-Aug-08

Work Order L85972

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85972-05E	Mud Creek	8/26/2008 6:40:00 PM	8/27/2008	9/11/2008	Aqueous-Dissolved	HARD	aug 27 - dis met	1
				9/11/2008		ICP-W-DIS	aug 27 - dis met	1
L85972-05F				9/11/2008	Aqueous	3005A-ICPMS	aug 27 - met	1
				9/11/2008		ICP-W	aug 27 - met	1

WORK ORDER Summary

27-Aug-08

Work Order L85972

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85972-04B	Miller Outlet	8/26/2008 6:00:00 PM	8/27/2008	9/11/2008	Aqueous	2320B-ALK-W	aug 27 - wc	1
				9/11/2008		300.0-W	aug 27 - wc	1
				9/11/2008		ACIDITY-W-2310B	aug 27 - wc	1
				9/11/2008		NO2-W	aug 27 - wc	1
				9/11/2008		NO3-W	aug 27 - wc	1
				9/11/2008		PO4-O	aug 27 - wc	1
L85972-04C				9/11/2008		OGB-W	OGBFridge	1
L85972-04D				9/11/2008		NH3-W	aug 27 - nh3	1
				9/11/2008		NH3-W-PREP	aug 27 - nh3	1
L85972-04E				9/11/2008	Aqueous-Dissolved	3005A-Diss	aug 27 - dis met	1
				9/11/2008		6020-W-DISS	aug 27 - dis met	1
				9/11/2008		HARD	aug 27 - dis met	1
				9/11/2008		ICP-W-DIS	aug 27 - dis met	1
L85972-04F				9/11/2008	Aqueous	3005A-ICPMS	aug 27 - met	1
				9/11/2008		ICP-W	aug 27 - met	1
L85972-05A	Mud Creek	8/26/2008 6:40:00 PM		9/11/2008		SS-W-2540F	ww - tss/tds/ss	1
				9/11/2008		TDS-W	ww - tss/tds/ss	1
				9/11/2008		TSS-W-2540D	ww - tss/tds/ss	1
L85972-05B				9/11/2008		2320B-ALK-W	aug 27 - wc	1
				9/11/2008		300.0-W	aug 27 - wc	1
				9/11/2008		ACIDITY-W-2310B	aug 27 - wc	1
				9/11/2008		NO2-W	aug 27 - wc	1
				9/11/2008		NO3-W	aug 27 - wc	1
				9/11/2008		PO4-O	aug 27 - wc	1
L85972-05C				9/11/2008		OGB-W	OGBFridge	1
L85972-05D				9/11/2008		NH3-W	aug 27 - nh3	1
				9/11/2008		NH3-W-PREP	aug 27 - nh3	1
L85972-05E				9/11/2008	Aqueous-Dissolved	3005A-Diss	aug 27 - dis met	1
				9/11/2008		6020-W-DISS	aug 27 - dis met	1

WORK ORDER Summary

27-Aug-08

Work Order L85972

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85972-02D	Sulfur Spring	8/26/2008 5:15:00 PM	8/27/2008	9/11/2008	Aqueous	NH3-W	aug 27 - nh3	1
				9/11/2008		NH3-W-PREP	aug 27 - nh3	1
L85972-02E				9/11/2008	Aqueous-Dissolved	3005A-Diss	aug 27 - dis met	1
				9/11/2008		6020-W-DISS	aug 27 - dis met	1
				9/11/2008		HARD	aug 27 - dis met	1
				9/11/2008		ICP-W-DIS	aug 27 - dis met	1
L85972-02F				9/11/2008	Aqueous	3005A-ICPMS	aug 27 - met	1
				9/11/2008		ICP-W	aug 27 - met	1
L85972-03A	RES-1	8/26/2008 6:20:00 PM		9/11/2008		SS-W-2540F	ww - tss/tds/ss	1
				9/11/2008		TDS-W	ww - tss/tds/ss	1
				9/11/2008		TSS-W-2540D	ww - tss/tds/ss	1
L85972-03B				9/11/2008		2320B-ALK-W	aug 27 - wc	1
				9/11/2008		300.0-W	aug 27 - wc	1
				9/11/2008		ACIDITY-W-2310B	aug 27 - wc	1
				9/11/2008		NO2-W	aug 27 - wc	1
				9/11/2008		NO3-W	aug 27 - wc	1
				9/11/2008		PO4-O	aug 27 - wc	1
L85972-03C				9/11/2008		OGB-W	OGBFridge	1
L85972-03D				9/11/2008		NH3-W	aug 27 - nh3	1
				9/11/2008		NH3-W-PREP	aug 27 - nh3	1
L85972-03E				9/11/2008	Aqueous-Dissolved	3005A-Diss	aug 27 - dis met	1
				9/11/2008		6020-W-DISS	aug 27 - dis met	1
				9/11/2008		HARD	aug 27 - dis met	1
				9/11/2008		ICP-W-DIS	aug 27 - dis met	1
L85972-03F				9/11/2008	Aqueous	3005A-ICPMS	aug 27 - met	1
				9/11/2008		ICP-W	aug 27 - met	1
L85972-04A	Miller Outlet	8/26/2008 6:00:00 PM		9/11/2008		SS-W-2540F	ww - tss/tds/ss	1
				9/11/2008		TDS-W	ww - tss/tds/ss	1
				9/11/2008		TSS-W-2540D	ww - tss/tds/ss	1

American West Analytical Labs

WORK ORDER Summary

27-Aug-08

Work Order L85972

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report. HOK-DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85972-01A	Aspen Spring	8/26/2008 3:50:00 PM	8/27/2008	9/11/2008	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				9/11/2008		TDS-W	ww - tss/tds/ss	1
				9/11/2008		TSS-W-2540D	ww - tss/tds/ss	1
L85972-01B				9/11/2008		2320B-ALK-W	aug 27 - wc	1
				9/11/2008		300.0-W	aug 27 - wc	1
				9/11/2008		ACIDITY-W-2310B	aug 27 - wc	1
				9/11/2008		NO2-W	aug 27 - wc	1
				9/11/2008		NO3-W	aug 27 - wc	1
				9/11/2008		PO4-O	aug 27 - wc	1
L85972-01C				9/11/2008		OGB-W	OGBFridge	1
L85972-01D				9/11/2008		NH3-W	aug 27 - nh3	1
				9/11/2008		NH3-W-PREP	aug 27 - nh3	1
L85972-01E				9/11/2008	Aqueous-Dissolved	3005A-Diss	aug 27 - dis met	1
				9/11/2008		6020-W-DISS	aug 27 - dis met	1
				9/11/2008		HARD	aug 27 - dis met	1
				9/11/2008		ICP-W-DIS	aug 27 - dis met	1
L85972-01F				9/11/2008	Aqueous	3005A-ICPMS	aug 27 - met	1
				9/11/2008		ICP-W	aug 27 - met	1
L85972-02A	Sulfur Spring	8/26/2008 5:15:00 PM		9/11/2008		SS-W-2540F	ww - tss/tds/ss	1
				9/11/2008		TDS-W	ww - tss/tds/ss	1
				9/11/2008		TSS-W-2540D	ww - tss/tds/ss	1
L85972-02B				9/11/2008		2320B-ALK-W	aug 27 - wc	1
				9/11/2008		300.0-W	aug 27 - wc	1
				9/11/2008		ACIDITY-W-2310B	aug 27 - wc	1
				9/11/2008		NO2-W	aug 27 - wc	1
				9/11/2008		NO3-W	aug 27 - wc	1
				9/11/2008		PO4-O	aug 27 - wc	1
L85972-02C				9/11/2008		OGB-W	OGBFridge	1

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC

SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-86268	Oil & Grease	mg/L	1664A	36.60	40	0	91.5	78-114	0.273	18		9/5/2008

All analyses applicable to CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and analysis in good faith and according to the rules of the trade and of science.

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-86268	Oil & Grease	mg/L	1664A	36.70	40	0	91.8	79-114				9/5/2008

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85972-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	289.0	100	184	105	80-120	1.39	10		8/28/2008
L85972-01BMSD	Chloride	mg/L	300.0	126.2	100	24.39	102	90-110	0.324	20		8/28/2008
L85972-01BMSD	Phosphorus, Orthophosphate (as P	mg/L	300.0	5.139	5.25	0	97.9	90-110	0.233	20		8/28/2008
L85972-01BMSD	Sulfate	mg/L	300.0	14.18	5.25	8.728	104	90-110	0.127	20		8/28/2008
L85972-01BMSD	Acidity	mg/L	2310B	50.00	50	0	100	80-120	4.08	20		8/29/2008
L85972-02DMSD	Ammonia (as N)	mg/L	350.1	1.087	1	0.0904	99.6	90-110	2.18	10		8/29/2008
L85972-01BMSD	Nitrite (as N)	mg/L	353.2	1.084	1	0	108	90-110	0.184	10		8/28/2008
L85972-01BMSD	Nitrate (as N)	mg/L	353.2	0.9374	1	0.0092	92.8	90-110	0.149	10		8/28/2008

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Jose Rocha
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85972-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	285.0	100	184	101	80-120				8/28/2008
L85972-01BMS	Chloride	mg/L	300.0	126.6	100	24.39	102	90-110				8/28/2008
L85972-01BMS	Phosphorus, Orthophosphate (as P	mg/L	300.0	5.127	5.25	0	97.7	90-110				8/28/2008
L85972-01BMS	Sulfate	mg/L	300.0	14.19	5.25	8.728	104	90-110				8/28/2008
L85972-01BMS	Acidity	mg/L	2310B	48.00	50	0	96.0	80-120				8/29/2008
L85972-02DMS	Ammonia (as N)	mg/L	350.1	1.111	1	0.0904	102	90-110				8/29/2008
L85972-01BMS	Nitrite (as N)	mg/L	353.2	1.086	1	0	109	90-110				8/28/2008
L85972-01BMS	Nitrate (as N)	mg/L	353.2	0.9360	1	0.0092	92.7	90-110				8/28/2008

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R85943	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				8/28/2008
MB-R85943	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				8/28/2008
MB-R85943	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				8/28/2008
MB-R85971	Chloride	mg/L	300.0	< 0.10				-				8/28/2008
MB-R85971	Phosphorus, Orthophosphate (as P	mg/L	300.0	< 0.10				-				8/28/2008
MB-R85971	Sulfate	mg/L	300.0	< 0.75				-				8/28/2008
MB-R85945	Acidity	mg/L	2310B	< 15				-				8/29/2008
MB-42128	Ammonia (as N)	mg/L	350.1	< 0.050				-				8/29/2008
MB-85907	Nitrite (as N)	mg/L	353.2	< 0.010				-				8/28/2008
MBLK-R85915	Nitrate (as N)	mg/L	353.2	< 0.010				-				8/28/2008
MB-86268	Oil & Grease	mg/L	1664A	< 3.0				-				9/5/2008
MB-R86006	TDS	mg/L	160.1	< 10				-				8/28/2008
MB-R86007	TDS	mg/L	160.1	< 10				-				8/28/2008
MB-R85965	TSS	mg/L	2540D	< 3.0				-				8/28/2008

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R85943	Alkalinity,(As CaCO3)	mg/L	2320B	49880	50000	0	99.8	90-110				8/28/2008
LCS-R85971	Chloride	mg/L	300.0	5.465	5	0	109	90-110				8/28/2008
LCS-R85971	Phosphorus, Orthophosphate (as P	mg/L	300.0	5.316	5	0	106	90-110				8/28/2008
LCS-R85971	Sulfate	mg/L	300.0	5.446	5	0	109	90-110				8/28/2008
LCS-R85945	Acidity	mg/L	2310B	22.00	20	0	110	80-120				8/29/2008
LCS-42128	Ammonia (as N)	mg/L	350.1	1.033	1	0	103	90-110				8/29/2008
LCS-85907	Nitrite (as N)	mg/L	353.2	1.048	1	0	105	90-110				8/28/2008
LCS-R85915	Nitrate (as N)	mg/L	353.2	0.9678	1	0	96.8	90-110				8/28/2008
LCS-86268	Oil & Grease	mg/L	1664A	37.90	40	0	94.8	78-114				9/5/2008
LCS-R86006	TDS	mg/L	160.1	198.0	205	0	96.6	80-120				8/28/2008
LCS-R86007	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				8/28/2008
LCS-R85965	TSS	mg/L	2540D	97.00	100	0	97.0	80-120				8/28/2008

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85933-06DDUP	TDS	mg/L	160.1	1776	0	1728		-	2.74	20		8/28/2008
L85972-05ADUP	TDS	mg/L	160.1	492.0	0	488		-	0.816	20		8/28/2008
L85962-02ADUP	TSS	mg/L	2540D	4.000	0	3		-	28.6	20	#	8/28/2008
L85972-02ADUP	TSS	mg/L	2540D	4.000	0	3		-	28.6	20	#	8/28/2008
L85973-03JDUP	TSS	mg/L	2540D	296.0	0	288		-	2.74	20		8/28/2008

- High RPD due to low analyte concentration. In this range, high RPDs are expected.

All analyses applicab[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted] report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member o[redacted]r reproduction of this report in connection [redacted] the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose othe[redacted]r the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection a[redacted]lysis in good faith and according to the rules of the trade and of science.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85972-01EMSD	Arsenic	mg/L	6020	0.2241	0.2	0.000924	112	70-130	3.22	20		8/28/2008
L85972-01EMSD	Cadmium	mg/L	6020	0.2090	0.2	0	104	70-130	2.62	20		8/28/2008
L85972-01EMSD	Copper	mg/L	6020	0.2053	0.2	0.002185	102	70-130	2.77	20		8/28/2008
L85972-01EMSD	Lead	mg/L	6020	0.2096	0.2	0.001106	104	70-130	1.99	20		8/28/2008
L85972-01EMSD	Manganese	mg/L	6020	0.2581	0.2	0.05289	103	70-130	2.69	20		8/28/2008
L85972-01EMSD	Selenium	mg/L	6020	0.2069	0.2	0.000591	103	70-130	4.11	20		8/28/2008
L85972-01EMSD	Zinc	mg/L	6020	1.037	1	0	104	70-130	3.03	20		8/28/2008
L85972-01FMSD	Iron	mg/L	6010B	2.440	1	1.4	104	75-125	2.03	20		9/5/2008
L85972-01FMSD	Manganese	mg/L	6010B	0.4220	0.2	0.218	102	75-125	0.237	20		9/5/2008
L85972-01EMSD	Aluminum	mg/L	6010B	1.076	1	0	108	75-125	4.56	20		9/5/2008
L85972-01EMSD	Boron	mg/L	6010B	1.193	1	0.06632	113	75-125	3.39	20		9/5/2008
L85972-01EMSD	Iron	mg/L	6010B	1.066	1	0.04336	102	75-125	7.18	20		9/5/2008
L85972-01EMSD	Magnesium	mg/L	6010B	22.53	10	12.49	100	75-125	3.73	20		9/5/2008
L85972-01EMSD	Molybdenum	mg/L	6010B	0.2123	0.2	0	106	75-125	0.614	20		9/5/2008
L85972-01EMSD	Potassium	mg/L	6010B	21.11	10	10.23	109	75-125	4.13	20		9/5/2008
L85972-01EMSD	Calcium	mg/L	6010B	67.41	10	57.5	99.2	75-125	4.91	20		9/5/2008
L85972-01EMSD	Sodium	mg/L	6010B	31.40	10	21.57	98.3	75-125	3.49	20		9/5/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85972-01EMS	Arsenic	mg/L	6020	0.2170	0.2	0.000924	108	70-130				8/28/2008
L85972-01EMS	Cadmium	mg/L	6020	0.2036	0.2	0	102	70-130				8/28/2008
L85972-01EMS	Copper	mg/L	6020	0.1997	0.2	0.002185	98.8	70-130				8/28/2008
L85972-01EMS	Lead	mg/L	6020	0.2055	0.2	0.001106	102	70-130				8/28/2008
L85972-01EMS	Manganese	mg/L	6020	0.2513	0.2	0.05289	99.2	70-130				8/28/2008
L85972-01EMS	Selenium	mg/L	6020	0.1985	0.2	0.000591	99.0	70-130				8/28/2008
L85972-01EMS	Zinc	mg/L	6020	1.006	1	0	101	70-130				8/28/2008
L85972-01FMS	Iron	mg/L	6010B	2.490	1	1.4	109	75-125				9/5/2008
L85972-01FMS	Manganese	mg/L	6010B	0.4230	0.2	0.218	102	75-125				9/5/2008
L85972-01EMS	Aluminum	mg/L	6010B	1.028	1	0	103	75-125				9/5/2008
L85972-01EMS	Boron	mg/L	6010B	1.153	1	0.06632	109	75-125				9/5/2008
L85972-01EMS	Iron	mg/L	6010B	0.9922	1	0.04336	94.9	75-125				9/5/2008
L85972-01EMS	Magnesium	mg/L	6010B	21.71	10	12.49	92.2	75-125				9/5/2008
L85972-01EMS	Molybdenum	mg/L	6010B	0.2110	0.2	0	105	75-125				9/5/2008
L85972-01EMS	Potassium	mg/L	6010B	20.25	10	10.23	100	75-125				9/5/2008
L85972-01EMS	Calcium	mg/L	6010B	64.18	10	57.5	66.8	75-125			2	9/5/2008
L85972-01EMS	Sodium	mg/L	6010B	30.32	10	21.57	87.5	75-125				9/5/2008

2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42125	Arsenic	mg/L	6020	< 0.00060				-				8/28/2008
MB-42125	Cadmium	mg/L	6020	< 0.00018				-				8/28/2008
MB-42125	Copper	mg/L	6020	< 0.00080				-				8/28/2008
MB-42125	Lead	mg/L	6020	< 0.00040				-				8/28/2008
MB-42125	Manganese	mg/L	6020	< 0.0012				-				8/28/2008
MB-42125	Selenium	mg/L	6020	< 0.00080				-				8/28/2008
MB-42125	Zinc	mg/L	6020	< 0.0050				-				8/28/2008
MB-42126	Iron	mg/L	6010B	< 0.050				-				9/5/2008
MB-42126	Manganese	mg/L	6010B	< 0.0050				-				9/5/2008
MB-42125	Aluminum	mg/L	6010B	< 0.10				-				9/5/2008
MB-42125	Boron	mg/L	6010B	< 0.50				-				9/5/2008
MB-42125	Calcium	mg/L	6010B	< 1.0				-				9/5/2008
MB-42125	Iron	mg/L	6010B	< 0.050				-				9/5/2008
MB-42125	Magnesium	mg/L	6010B	< 1.0				-				9/5/2008
MB-42125	Molybdenum	mg/L	6010B	< 0.040				-				9/5/2008
MB-42125	Potassium	mg/L	6010B	< 1.0				-				9/5/2008
MB-42125	Sodium	mg/L	6010B	< 1.0				-				9/5/2008

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L85972
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42125	Arsenic	mg/L	6020	0.2204	0.2	0	110	85-115				8/28/2008
LCS-42125	Cadmium	mg/L	6020	0.2085	0.2	0	104	85-115				8/28/2008
LCS-42125	Copper	mg/L	6020	0.2117	0.2	0	106	85-115				8/28/2008
LCS-42125	Lead	mg/L	6020	0.2132	0.2	0	107	85-115				8/28/2008
LCS-42125	Manganese	mg/L	6020	0.2129	0.2	0	106	85-115				8/28/2008
LCS-42125	Selenium	mg/L	6020	0.1995	0.2	0	99.7	85-115				8/28/2008
LCS-42125	Zinc	mg/L	6020	1.025	1	0	102	85-115				8/28/2008
LCS-42126	Iron	mg/L	6010B	1.060	1	0	106	75-125				9/5/2008
LCS-42126	Manganese	mg/L	6010B	0.2120	0.2	0	106	75-125				9/5/2008
LCS-42125	Aluminum	mg/L	6010B	1.089	1	0	109	75-125				9/5/2008
LCS-42125	Boron	mg/L	6010B	1.104	1	0	110	75-125				9/5/2008
LCS-42125	Calcium	mg/L	6010B	10.42	10	0	104	75-125				9/5/2008
LCS-42125	Iron	mg/L	6010B	1.002	1	0	100	75-125				9/5/2008
LCS-42125	Magnesium	mg/L	6010B	10.50	10	0	105	75-125				9/5/2008
LCS-42125	Molybdenum	mg/L	6010B	0.2124	0.2	0	106	75-125				9/5/2008
LCS-42125	Potassium	mg/L	6010B	10.92	10	0	109	75-125				9/5/2008
LCS-42125	Sodium	mg/L	6010B	10.99	10	0	110	75-125				9/5/2008

All analyses applicab[redacted]WA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached C[redacted]report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member o[redacted]r reproduction of this report in connectio[redacted]e advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose oth[redacted]r the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection a[redacted]ysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Jose Rocha
QA Officer

Lab Sample ID: L85972-05
Field Sample ID: **Mud Creek**
Collected: 8/26/2008 6:40:00 PM
Received: 8/27/2008

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/29/2008 5:10:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**250**
Ammonia (as N)	mg/L	8/29/2008 12:32:00 PM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**250**
Carbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	10	< 10
Chloride	mg/L	8/28/2008 5:28:47 PM	300.0	2.0	**16**
Hardness (as CaCO3)	mg/L	9/5/2008	2340B	10	**300**
Nitrate (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	**0.066**
Nitrite (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	9/5/2008 12:04:00 PM	1664A	3.0	**3.1**
Phosphorus, Orthophosphate (as P)	mg/L	8/28/2008 2:22:05 PM	300.0	0.10	< 0.10
Settleable Solids	ml/L	8/28/2008 10:30:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	8/28/2008 5:28:47 PM	300.0	15	**120**
TDS	mg/L	8/28/2008 2:00:00 PM	160.1	20	**490**
TSS	mg/L	8/28/2008 4:15:00 PM	2540D	3.0	**5.0**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L85972-04
Field Sample ID: **Miller Outlet**
Collected: 8/26/2008 6:00:00 PM
Received: 8/27/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/29/2008 5:10:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	8/29/2008 12:32:00 PM	350.1	0.050	**0.056**
Bicarbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	10	< 10
Chloride	mg/L	8/28/2008 1:58:45 PM	300.0	0.10	**12**
Hardness (as CaCO3)	mg/L	9/5/2008	2340B	10	**220**
Nitrate (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	**0.025**
Nitrite (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	9/5/2008 12:04:00 PM	1664A	3.0	**3.0**
Phosphorus, Orthophosphate (as P)	mg/L	8/28/2008 1:58:45 PM	300.0	0.10	< 0.10
Settleable Solids	ml/L	8/28/2008 10:30:00 AM	2540F	0.10	**0.20**
Sulfate	mg/L	8/28/2008 1:58:45 PM	300.0	0.75	**22**
TDS	mg/L	8/28/2008 2:00:00 PM	160.1	20	**310**
TSS	mg/L	8/28/2008 4:15:00 PM	2540D	3.0	**88**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L85972-03
Field Sample ID: **RES-1**
Collected: 8/26/2008 6:20:00 PM
Received: 8/27/2008

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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/29/2008 5:10:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**240**
Ammonia (as N)	mg/L	8/29/2008 12:32:00 PM	350.1	0.050	**0.11**
Bicarbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**240**
Carbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	10	< 10
Chloride	mg/L	8/28/2008 5:05:27 PM	300.0	2.0	**61**
Hardness (as CaCO3)	mg/L	9/5/2008	2340B	10	**430**
Nitrate (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	**0.054**
Nitrite (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	9/5/2008 12:04:00 PM	1664A	3.0	**3.2**
Phosphorus, Orthophosphate (as P)	mg/L	8/28/2008 1:35:25 PM	300.0	0.10	< 0.10
Settleable Solids	ml/L	8/28/2008 10:30:00 AM	2540F	0.10	**2.5**
Sulfate	mg/L	8/28/2008 5:05:27 PM	300.0	15	**140**
TDS	mg/L	8/28/2008 2:00:00 PM	160.1	20	**620**
TSS	mg/L	8/28/2008 4:15:00 PM	2540D	3.0	**200**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

AMERICAN WEST ANALYTICAL LABORATORIES

Lab Sample ID: L85972-02
Field Sample ID: **Sulfur Spring**
Collected: 8/26/2008 5:15:00 PM
Received: 8/27/2008

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Jose Rocha
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Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	8/29/2008 5:10:00 AM	2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**350**	
Ammonia (as N)	mg/L	8/29/2008 12:32:00 PM	350.1	0.050	**0.090**	
Bicarbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**350**	
Carbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	10	< 10	
Chloride	mg/L	8/28/2008 1:11:58 PM	300.0	0.10	**7.7**	
Hardness (as CaCO3)	mg/L	9/5/2008	2340B	10	**360**	
Nitrate (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010	
Nitrite (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010	
Oil & Grease	mg/L	9/5/2008 12:04:00 PM	1664A	3.0	**3.8**	
Phosphorus, Orthophosphate (as P)	mg/L	8/28/2008 1:11:58 PM	300.0	0.10	< 0.10	
Settleable Solids	ml/L	8/28/2008 10:30:00 AM	2540F	0.10	< 0.10	
Sulfate	mg/L	8/28/2008 4:42:07 PM	300.0	15	**43**	
TDS	mg/L	8/28/2008 2:00:00 PM	160.1	20	**420**	
TSS	mg/L	8/28/2008 4:15:00 PM	2540D	3.0	**3.0**	#

 # - High RPD due to low analyte concentration. In this range, high RPDs are expected.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Jose Rocha
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Lab Sample ID: L85972-01
Field Sample ID: **Aspen Spring**
Collected: 8/26/2008 3:50:00 PM
Received: 8/27/2008

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/29/2008 5:10:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**180**
Ammonia (as N)	mg/L	8/29/2008 12:32:00 PM	350.1	0.050	**0.057**
Bicarbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	20	**180**
Carbonate (As CaCO3)	mg/L	8/28/2008 11:15:00 AM	2320B	10	< 10
Chloride	mg/L	8/28/2008 3:32:05 PM	300.0	2.0	**24**
Hardness (as CaCO3)	mg/L	9/5/2008	2340B	10	**200**
Nitrate (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	8/28/2008 11:21:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	9/5/2008 12:04:00 PM	1664A	3.0	**3.2**
Phosphorus, Orthophosphate (as P)	mg/L	8/28/2008 12:01:45 PM	300.0	0.10	< 0.10
Settleable Solids	ml/L	8/28/2008 10:30:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	8/28/2008 12:01:45 PM	300.0	0.75	**8.7**
TDS	mg/L	8/28/2008 2:00:00 PM	160.1	20	**280**
TSS	mg/L	8/28/2008 4:15:00 PM	2540D	3.0	**27**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78061-03
Field Sample ID: **Mud Creek**
Collected: 5/29/2007 1:10:00 PM
Received: 5/30/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	6/4/2007 9:45:00 AM	SM2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	6/6/2007 7:50:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**210**
Carbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	5/31/2007 12:34:00 AM	300.0	5.0	**13**
Hardness (as CaCO3)	mg/L	6/12/2007	SM2340 B	10	**290**
Nitrate (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	**0.57**
Nitrite (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/1/2007 1:00:00 PM	EPA 1664A	3.0	**3.4**
Phosphate, ortho (as P)	mg/L	5/31/2007 7:51:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	5/30/2007 11:45:00 AM	SM2540F	0.10	**0.10**
Sulfate	mg/L	5/31/2007 1:07:00 AM	300.0	50	**87**
TDS	mg/L	6/1/2007 2:30:00 PM	160.1	20	**360**
TSS	mg/L	5/30/2007 3:30:00 PM	SM2540D	3.0	**48**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78061-04
Field Sample ID: **Res-1**
Collected: 5/29/2007 1:30:00 PM
Received: 5/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	6/4/2007 9:45:00 AM	SM2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**190**
Ammonia (as N)	mg/L	6/6/2007 7:50:00 AM	350.1	0.050	**0.077**
Bicarbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	20	**190**
Carbonate (As CaCO3)	mg/L	6/4/2007 10:00:00 AM	2320B	10	< 10
Chloride	mg/L	5/31/2007 1:41:00 AM	300.0	5.0	**10**
Hardness (as CaCO3)	mg/L	6/12/2007	SM2340 B	10	**210**
Nitrate (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	**0.37**
Nitrite (as N)	mg/L	5/30/2007 12:08:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	6/1/2007 1:00:00 PM	EPA 1664A	3.0	**3.8**
Phosphate, ortho (as P)	mg/L	5/31/2007 7:51:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	5/30/2007 11:45:00 AM	SM2540F	0.10	**5.5**
Sulfate	mg/L	5/31/2007 2:14:00 AM	300.0	10	**56**
TDS	mg/L	6/1/2007 2:30:00 PM	160.1	20	**250**
TSS	mg/L	5/30/2007 3:30:00 PM	SM2540D	8.0	**1600**

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Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-34917	Arsenic	mg/L	6020	0.2227	0.2	0	111	85-115				6/1/2007
LCS-34917	Cadmium	mg/L	6020	0.2092	0.2	0	105	85-115				6/1/2007
LCS-34917	Copper	mg/L	6020	0.2102	0.2	0	105	85-115				6/1/2007
LCS-34917	Lead	mg/L	6020	0.2154	0.2	0	108	85-115				6/1/2007
LCS-34917	Manganese	mg/L	6020	0.2121	0.2	0	106	85-115				6/1/2007
LCS-34917	Selenium	mg/L	6020	0.2061	0.2	0	103	85-115				6/1/2007
LCS-34917	Zinc	mg/L	6020	1.064	1	0.003017	106	85-115				6/1/2007
LCS-34985	Iron	mg/L	6010B	0.9908	1	0	99.1	75-125				6/12/2007
LCS-34985	Manganese	mg/L	6010B	0.1982	0.2	0	99.1	75-125				6/12/2007
LCS-34917	Aluminum	mg/L	6010B	1.135	1	0	113	75-125				6/12/2007
LCS-34917	Boron	mg/L	6010B	1.055	1	0	105	75-125				6/12/2007
LCS-34917	Calcium	mg/L	6010B	11.34	10	0	113	75-125				6/12/2007
LCS-34917	Iron	mg/L	6010B	1.149	1	0	115	75-125				6/12/2007
LCS-34917	Magnesium	mg/L	6010B	11.46	10	0	115	75-125				6/12/2007
LCS-34917	Molybdenum	mg/L	6010B	0.2102	0.2	0	105	75-125				6/12/2007
LCS-34917	Potassium	mg/L	6010B	11.08	10	0	111	75-125				6/12/2007
LCS-34917	Sodium	mg/L	6010B	9.034	10	0	90.3	75-125				6/12/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-34917	Arsenic	mg/L	6020	< 0.0050				-				6/1/2007
MB-34917	Cadmium	mg/L	6020	< 0.0040				-				6/1/2007
MB-34917	Copper	mg/L	6020	< 0.0040				-				6/1/2007
MB-34917	Lead	mg/L	6020	< 0.0050				-				6/1/2007
MB-34917	Manganese	mg/L	6020	< 0.0050				-				6/1/2007
MB-34917	Selenium	mg/L	6020	< 0.0050				-				6/1/2007
MB-34917	Zinc	mg/L	6020	< 0.010				-				6/1/2007
MB-34985	Iron	mg/L	6010B	< 0.050				-				6/12/2007
MB-34985	Manganese	mg/L	6010B	< 0.0050				-				6/12/2007
MB-34917	Aluminum	mg/L	6010B	< 0.10				-				6/12/2007
MB-34917	Boron	mg/L	6010B	< 0.50				-				6/12/2007
MB-34917	Calcium	mg/L	6010B	< 1.0				-				6/12/2007
MB-34917	Iron	mg/L	6010B	< 0.050				-				6/12/2007
MB-34917	Magnesium	mg/L	6010B	< 1.0				-				6/12/2007
MB-34917	Molybdenum	mg/L	6010B	< 0.040				-				6/12/2007
MB-34917	Potassium	mg/L	6010B	< 1.0				-				6/12/2007
MB-34917	Sodium	mg/L	6010B	< 1.0				-				6/12/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78061-01FMS	Arsenic	mg/L	6020	0.2242	0.2	0	112	70-130				6/1/2007
L78061-01FMS	Cadmium	mg/L	6020	0.2057	0.2	0	103	70-130				6/1/2007
L78061-01FMS	Lead	mg/L	6020	0.2158	0.2	0	108	70-130				6/1/2007
L78061-01FMS	Manganese	mg/L	6020	0.2198	0.2	0.004022	108	70-130				6/1/2007
L78061-01FMS	Selenium	mg/L	6020	0.2124	0.2	0.001197	106	70-130				6/1/2007
L78061-01FMS	Zinc	mg/L	6020	1.079	1	0.01631	106	70-130				6/1/2007
L78061-01FMS	Copper	mg/L	6020	0.2252	0.2	0.002609	111	70-130				6/8/2007
L78061-01EMS	Iron	mg/L	6010B	3.617	1	2.839	77.8	75-125				6/12/2007
L78061-01EMS	Manganese	mg/L	6010B	0.3045	0.2	0.123	90.7	75-125				6/12/2007
L78061-01FMS	Calcium	mg/L	6010B	86.97	10	75.28	117	75-125				6/12/2007
L78061-01FMS	Aluminum	mg/L	6010B	1.155	1	0.04221	111	75-125				6/12/2007
L78061-01FMS	Sodium	mg/L	6010B	26.06	10	14.38	117	75-125				6/12/2007
L78061-01FMS	Boron	mg/L	6010B	1.081	1	0.01853	106	75-125				6/12/2007
L78061-01FMS	Iron	mg/L	6010B	1.132	1	0	113	75-125				6/12/2007
L78061-01FMS	Magnesium	mg/L	6010B	27.85	10	16.88	110	75-125				6/12/2007
L78061-01FMS	Molybdenum	mg/L	6010B	0.2098	0.2	0.006293	102	75-125				6/12/2007
L78061-01FMS	Potassium	mg/L	6010B	11.94	10	1.138	108	75-125				6/12/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78061-01FMSD	Arsenic	mg/L	6020	0.2159	0.2	0	108	70-130	3.73	20		6/1/2007
L78061-01FMSD	Cadmium	mg/L	6020	0.1992	0.2	0	99.6	70-130	3.22	20		6/1/2007
L78061-01FMSD	Lead	mg/L	6020	0.2111	0.2	0	106	70-130	2.18	20		6/1/2007
L78061-01FMSD	Manganese	mg/L	6020	0.2116	0.2	0.004022	104	70-130	3.79	20		6/1/2007
L78061-01FMSD	Selenium	mg/L	6020	0.1988	0.2	0.001197	98.8	70-130	6.60	20		6/1/2007
L78061-01FMSD	Zinc	mg/L	6020	1.057	1	0.01631	104	70-130	2.02	20		6/1/2007
L78061-01FMSD	Copper	mg/L	6020	0.2154	0.2	0.002609	106	70-130	4.48	20		6/8/2007
L78061-01EMSD	Iron	mg/L	6010B	3.565	1	2.839	72.6	75-125	1.44	20	[1]	6/12/2007
L78061-01EMSD	Manganese	mg/L	6010B	0.3036	0.2	0.123	90.3	75-125	0.269	20		6/12/2007
L78061-01FMSD	Calcium	mg/L	6010B	84.70	10	75.28	94.3	75-125	2.64	20		6/12/2007
L78061-01FMSD	Aluminum	mg/L	6010B	1.028	1	0.04221	98.6	75-125	11.6	20		6/12/2007
L78061-01FMSD	Sodium	mg/L	6010B	19.81	10	14.38	54.3	75-125	27.2	20	[1] @	6/12/2007
L78061-01FMSD	Boron	mg/L	6010B	1.039	1	0.01853	102	75-125	3.96	20		6/12/2007
L78061-01FMSD	Iron	mg/L	6010B	1.051	1	0	105	75-125	7.40	20		6/12/2007
L78061-01FMSD	Magnesium	mg/L	6010B	25.94	10	16.88	90.5	75-125	7.11	20		6/12/2007
L78061-01FMSD	Molybdenum	mg/L	6010B	0.2050	0.2	0.006293	99.4	75-125	2.31	20		6/12/2007
L78061-01FMSD	Potassium	mg/L	6010B	11.00	10	1.138	98.6	75-125	8.24	20		6/12/2007

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78049-13EDUP	TDS	mg/L	160.1	72.00	0	66		-	8.70	20		6/1/2007
L78061-04ADUP	TDS	mg/L	160.1	260.0	0	252		-	3.12	20		6/1/2007
L78037-02ADUP	TSS	mg/L	SM2540D	6.000	0	5		-	18.2	20		5/30/2007
L78065-02ADUP	TSS	mg/L	SM2540D	510.0	0	485		-	5.03	20		5/30/2007
L78061-03ADUP	TSS	mg/L	SM2540D	49.00	0	48		-	2.06	20		5/30/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R70482	Alkalinity,(As CaCO3)	mg/L	2320B	49860	50000	0	99.7	90-110				6/4/2007
LCS-R70367	Chloride	mg/L	300.0	5.045	5	0	101	90-110				5/30/2007
LCS-R70367	Fluoride	mg/L	300.0	5.088	5	0	102	90-110				5/30/2007
LCS-R70367	Sulfate	mg/L	300.0	5.073	5	0	101	90-110				5/30/2007
LCS-R70481	Acidity	mg/L	SM2310B	55.00	50	0	110	80-120				6/4/2007
LCS-34931	Ammonia (as N)	mg/L	350.1	0.9550	1	0.022	93.3	90-110				6/6/2007
LCS-70350	Nitrite (as N)	mg/L	353.2	0.9570	1	0	95.7	90-110				5/30/2007
LCS-70351	Nitrate (as N)	mg/L	353.2	1.049	1	0	105	90-110				5/30/2007
LCS-R70452	Oil & Grease	mg/L	EPA 1664A	32.20	40	0	80.5	79-114				6/1/2007
LCS-70365	Phosphate, ortho (as P)	mg/L	365.1	1.013	1	0	101	90-110				5/31/2007
LCS-R70515	TDS	mg/L	160.1	200.0	205	0	97.6	80-120				6/1/2007
LCS-R70368	TSS	mg/L	SM2540D	99.00	100	0	99.0	80-120				5/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R70482	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				6/4/2007
MB-R70482	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				6/4/2007
MB-R70482	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				6/4/2007
MB-R70367	Chloride	mg/L	300.0	< 1.0				-				5/30/2007
MB-R70367	Sulfate	mg/L	300.0	< 1.0				-				5/30/2007
MB-R70481	Acidity	mg/L	SM2310B	< 15				-				6/4/2007
MB-34931	Ammonia (as N)	mg/L	350.1	< 0.050				-				6/6/2007
MB-70350	Nitrite (as N)	mg/L	353.2	< 0.010				-				5/30/2007
MB-70351	Nitrate (as N)	mg/L	353.2	< 0.010				-				5/30/2007
MB-R70452	Oil & Grease	mg/L	EPA 1664A	< 3.0				-				6/1/2007
MB-70365	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				5/31/2007
MB-R70515	TDS	mg/L	160.1	< 10				-				6/1/2007
MB-R70368	TSS	mg/L	SM2540D	< 3.0				-				5/30/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78061-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	323.0	100	220	103	80-120				6/4/2007
L78041-01DMS	Fluoride	mg/L	300.0	5.329	5	0.233	102	90-110				5/30/2007
L78061-01BMS	Chloride	mg/L	300.0	35.22	25	9.699	102	90-110				5/30/2007
L78061-01BMS	Sulfate	mg/L	300.0	49.46	25	23.34	104	90-110				5/30/2007
L78061-01BMS	Acidity	mg/L	SM2310B	48.00	50	0	96.0	80-120				6/4/2007
L78049-02DMS	Ammonia (as N)	mg/L	350.1	0.9490	1	0.021	92.8	90-110				6/6/2007
L78061-02CMS	Ammonia (as N)	mg/L	350.1	0.9910	1	0.093	89.8	90-110			1	6/6/2007
L78061-01BMS	Nitrite (as N)	mg/L	353.2	1.083	1	0.015	107	90-110				5/30/2007
L78061-01BMS	Nitrate (as N)	mg/L	353.2	1.151	1	0.025	113	90-110			1	5/30/2007
L78061-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.122	1	0.04	108	90-110				5/31/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses appli[redacted]e CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attach[redacted]his report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any memb[redacted]ff, or reproduction of this report in conne[redacted]ith the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted] for the addressees will be granted only on contact. This company accepts no responsibility except for the due performance of inspecti[redacted]nalysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78061
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78061-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	319.0	100	220	99.0	80-120	1.25	10		6/4/2007
L78041-01DMSD	Fluoride	mg/L	300.0	5.488	5	0.233	105	90-110	2.94	20		5/30/2007
L78061-01BMSD	Chloride	mg/L	300.0	35.14	25	9.699	102	90-110	0.233	20		5/30/2007
L78061-01BMSD	Sulfate	mg/L	300.0	48.74	25	23.34	102	90-110	1.47	20		5/30/2007
L78061-01BMSD	Acidity	mg/L	SM2310B	50.00	50	0	100	80-120	4.08	20		6/4/2007
L78049-02DMSD	Ammonia (as N)	mg/L	350.1	0.9900	1	0.021	96.9	90-110	4.23	10		6/6/2007
L78061-02CMSD	Ammonia (as N)	mg/L	350.1	0.9890	1	0.093	89.6	90-110	0.202	10	1	6/6/2007
L78061-01BMSD	Nitrite (as N)	mg/L	353.2	1.025	1	0.015	101	90-110	5.50	10		5/30/2007
L78061-01BMSD	Nitrate (as N)	mg/L	353.2	1.142	1	0.025	112	90-110	0.785	10	1	5/30/2007
L78061-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.042	1	0.04	100	90-110	7.39	10		5/31/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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American West Analytical Labs

WORK ORDER Summary

30-May-07

Work Order L78061

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+ HOK-DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L78061-01A	Miller Outlet	5/29/2007 12:40:00 PM	5/30/2007	6/13/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				6/13/2007		TDS-W	ww - tss/tds/ss	1
				6/13/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78061-01B				6/13/2007		2320B-ALK-W	may 30 - wc	1
				6/13/2007		300.0-W	may 30 - wc	1
				6/13/2007		ACIDITY-W-2310B	may 30 - wc	1
				6/13/2007		NO2-W	may 30 - wc	1
				6/13/2007		NO3-W	may 30 - wc	1
				6/13/2007		PO4-O	may 30 - wc	1
L78061-01C				6/13/2007		NH3-W	may 30 - nh3	1
				6/13/2007		NH3-W-PREP	may 30 - nh3	1
L78061-01D				6/13/2007		OGB-W	ogb	1
L78061-01E				6/13/2007		3005A-ICPMS	may 30 - met-total	1
				6/13/2007		ICP-W	may 30 - met-total	1
L78061-01F				6/13/2007	Aqueous-Dissolved	3005A-Diss	may 30 - dis met	1
				6/13/2007		6020-W-DISS	may 30 - dis met	1
				6/13/2007		HARD	may 30 - dis met	1
				6/13/2007		ICP-W-DIS	may 30 - dis met	1
L78061-02A	Sulfur Spring	5/29/2007 1:00:00 PM		6/13/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				6/13/2007		TDS-W	ww - tss/tds/ss	1
				6/13/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78061-02B				6/13/2007		2320B-ALK-W	may 30 - wc	1
				6/13/2007		300.0-W	may 30 - wc	1
				6/13/2007		ACIDITY-W-2310B	may 30 - wc	1
				6/13/2007		NO2-W	may 30 - wc	1
				6/13/2007		NO3-W	may 30 - wc	1
				6/13/2007		PO4-O	may 30 - wc	1

WORK ORDER Summary

30-May-07

Work Order L78061

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L78061-02C	Sulfur Spring	5/29/2007 1:00:00 PM	5/30/2007	6/13/2007	Aqueous	NH3-W	may 30 - nh3	1
				6/13/2007		NH3-W-PREP	may 30 - nh3	1
L78061-02D				6/13/2007		OGB-W	ogb	1
L78061-02E				6/13/2007		3005A-ICPMS	may 30 - met-total	1
				6/13/2007		ICP-W	may 30 - met-total	1
L78061-02F				6/13/2007	Aqueous-Dissolved	3005A-Diss	may 30 - dis met	1
				6/13/2007		6020-W-DISS	may 30 - dis met	1
				6/13/2007		HARD	may 30 - dis met	1
				6/13/2007		ICP-W-DIS	may 30 - dis met	1
L78061-03A	Mud Creek	5/29/2007 1:10:00 PM		6/13/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				6/13/2007		TDS-W	ww - tss/tds/ss	1
				6/13/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78061-03B				6/13/2007		2320B-ALK-W	may 30 - wc	1
				6/13/2007		300.0-W	may 30 - wc	1
				6/13/2007		ACIDITY-W-2310B	may 30 - wc	1
				6/13/2007		NO2-W	may 30 - wc	1
				6/13/2007		NO3-W	may 30 - wc	1
				6/13/2007		PO4-O	may 30 - wc	1
L78061-03C				6/13/2007		NH3-W	may 30 - nh3	1
				6/13/2007		NH3-W-PREP	may 30 - nh3	1
L78061-03D				6/13/2007		OGB-W	ogb	1
L78061-03E				6/13/2007		3005A-ICPMS	may 30 - met-total	1
				6/13/2007		ICP-W	may 30 - met-total	1
L78061-03F				6/13/2007	Aqueous-Dissolved	3005A-Diss	may 30 - dis met	1
				6/13/2007		6020-W-DISS	may 30 - dis met	1
				6/13/2007		HARD	may 30 - dis met	1
				6/13/2007		ICP-W-DIS	may 30 - dis met	1
L78061-04A	Res-1	5/29/2007 1:30:00 PM		6/13/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1

WORK ORDER Summary

30-May-07

Work Order L78061

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L78061-04A	Res-1	5/29/2007 1:30:00 PM	5/30/2007	6/13/2007	Aqueous	TDS-W	ww - tss/tds/ss	1
				6/13/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78061-04B				6/13/2007		2320B-ALK-W	may 30 - wc	1
				6/13/2007		300.0-W	may 30 - wc	1
				6/13/2007		ACIDITY-W-2310B	may 30 - wc	1
				6/13/2007		NO2-W	may 30 - wc	1
				6/13/2007		NO3-W	may 30 - wc	1
				6/13/2007		PO4-O	may 30 - wc	1
L78061-04C				6/13/2007		NH3-W	may 30 - nh3	1
				6/13/2007		NH3-W-PREP	may 30 - nh3	1
L78061-04D				6/13/2007		OGB-W	ogb	1
L78061-04E				6/13/2007		3005A-ICPMS	may 30 - met-total	1
				6/13/2007		ICP-W	may 30 - met-total	1
L78061-04F				6/13/2007	Aqueous-Dissolved	3005A-Diss	may 30 - dis met	1
				6/13/2007		6020-W-DISS	may 30 - dis met	1
				6/13/2007		HARD	may 30 - dis met	1
				6/13/2007		ICP-W-DIS	may 30 - dis met	1

Client C[illegible]on Resources / Rock Logic

Address PO Box 544

Cedaredge CO 81413

City State Zip

Phone 970-856-3400 Fax

Contact Brad Lindsay

E-mail lindsay.brad@gmail.com

Project Name Scofield baseline

Project Number/P.O.#

Sampler Name Brad Lindsay

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Lab Sample Set # 78001

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day Standard

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	table 3										QC LEVEL 1 2 2+ 3 3+ 4 COMMENTS
Miller Outlet	5.29.07/12:40	W	6	✓										
Sulfur Spring	5.29.07/13:00	W	6	✓										
Mud Creek	5.29.07/13:10	W	6	✓										
Rec-1	5.29.07/13:30	W	6	✓										

Relinquished By: Signature	Date	Received By: Signature
[signature]	5/29/07	[signature]
PRINT NAME Brad Lindsay	Time 14:12	PRINT NAME
Relinquished By: Signature UPS	Date 5/30/07	Received By: Signature [signature]
PRINT NAME	Time 10:40	PRINT NAME REBEKAH WINKLER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

Please filter for dissolved metals

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes:

3 Temperature 3°C

4 Received Broken/Leaking (Improperly Sealed)
Y N
Notes:

5 Properly Preserved
Y N
Notes:

6 Received Within Holding Times
Y N
Notes:

COC Tape Was:

1 Present on Outer Package
Y N NA

2 Unbroken on Outer Package
Y N NA

3 Present on Sample
Y N NA

4 Unbroken on Sample
Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record?
Y N
Notes:

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C
		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 78061

Preservation Check Sheet

		Sample Set Extension and pH																
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓																
COD[1]	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3	✓																
NO_2 & NO_3[1]	pH <2 H_2SO_4																	
Nutrients[1]	pH <2 H_2SO_4	✓																
O & G	pH <2 HCL																	
Phenols[2]	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN[1]	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
TOX[2]	pH <2 H_2SO_4																	
T PO_4[1]	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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July 12, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L78574

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 6/27/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78574-01E
Field Sample ID: **Mud Creek**
Collected: 6/25/2007 1:45:00 PM
Received: 6/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/2/2007 5:41:00 PM	6010B	0.050	**0.19**
Manganese	mg/L	7/2/2007 5:41:00 PM	6010B	0.0050	**0.020**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78574-02E
Field Sample ID: **Sulfur Spring**
Collected: 6/25/2007 2:50:00 PM
Received: 6/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/2/2007 5:57:00 PM	6010B	0.050	< 0.050
Manganese	mg/L	7/2/2007 5:57:00 PM	6010B	0.0050	**0.029**

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78574-03E
Field Sample ID: **RES-1**
Collected: 6/25/2007 3:15:00 PM
Received: 6/27/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/2/2007 6:09:00 PM	6010B	0.050	**0.63**
Manganese	mg/L	7/2/2007 6:09:00 PM	6010B	0.0050	**0.12**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78574-04E
Field Sample ID: **Miller Outlet**
Collected: 6/25/2007 2:30:00 PM
Received: 6/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	7/2/2007 6:13:00 PM	6010B	0.050	**3.5**
Manganese	mg/L	7/2/2007 6:13:00 PM	6010B	0.0050	**0.17**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78574-01F
Field Sample ID: **Mud Creek**
Collected: 6/25/2007 1:45:00 PM
Received: 6/27/2007

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	7/2/2007 10:50:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	7/9/2007 7:27:28 PM	6020	0.0050	< 0.0050	
Boron	mg/L	7/2/2007 10:50:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	7/9/2007 7:27:28 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	7/2/2007 10:12:00 AM	6010B	10	**62**	*
Copper	mg/L	7/9/2007 7:27:28 PM	6020	0.0040	**0.0061**	
Iron	mg/L	7/2/2007 10:50:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	7/9/2007 7:27:28 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	7/2/2007 10:12:00 AM	6010B	10	**33**	*
Manganese	mg/L	7/9/2007 7:27:28 PM	6020	0.0050	**0.022**	
Molybdenum	mg/L	7/2/2007 10:50:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	7/2/2007 10:50:00 AM	6010B	1.0	**5.8**	
Selenium	mg/L	7/9/2007 7:27:28 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	7/2/2007 10:12:00 AM	6010B	10	**55**	[2] *
Zinc	mg/L	7/9/2007 7:27:28 PM	6020	0.010	**0.027**	

[2] *Analyte concentration is too high for accurate spike and/or RPD recovery.*

* *The reporting limits were raised due to high analyte concentration.*

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Project ID: Scofield Baseline

Contact: Brad Lindsay

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Peggy McNicol
QA Officer

Lab Sample ID: L78574-02F
Field Sample ID: **Sulfur Spring**
Collected: 6/25/2007 2:50:00 PM
Received: 6/27/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	7/2/2007 11:06:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	7/9/2007 7:54:29 PM	6020	0.0050	< 0.0050	
Boron	mg/L	7/2/2007 11:06:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	7/9/2007 7:54:29 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	7/2/2007 10:24:00 AM	6010B	10	**83**	*
Copper	mg/L	7/9/2007 7:54:29 PM	6020	0.0040	**0.0046**	
Iron	mg/L	7/2/2007 11:06:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	7/9/2007 7:54:29 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	7/2/2007 10:24:00 AM	6010B	10	**33**	*
Manganese	mg/L	7/9/2007 7:54:29 PM	6020	0.0050	**0.039**	
Molybdenum	mg/L	7/2/2007 11:06:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	7/2/2007 11:06:00 AM	6010B	1.0	**4.3**	
Selenium	mg/L	7/9/2007 7:54:29 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	7/2/2007 11:06:00 AM	6010B	1.0	**16**	
Zinc	mg/L	7/9/2007 7:54:29 PM	6020	0.010	**0.020**	

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78574-03F
Field Sample ID: **RES-1**
Collected: 6/25/2007 3:15:00 PM
Received: 6/27/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	7/2/2007 11:10:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	7/9/2007 7:59:53 PM	6020	0.0050	< 0.0050	
Boron	mg/L	7/2/2007 11:10:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	7/9/2007 7:59:53 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	7/2/2007 11:10:00 AM	6010B	1.0	**21**	
Copper	mg/L	7/9/2007 7:59:53 PM	6020	0.0040	**0.0082**	
Iron	mg/L	7/2/2007 11:10:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	7/9/2007 7:59:53 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	7/2/2007 11:10:00 AM	6010B	1.0	**19**	
Manganese	mg/L	7/9/2007 7:59:53 PM	6020	0.0050	**0.019**	
Molybdenum	mg/L	7/2/2007 11:10:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	7/2/2007 11:10:00 AM	6010B	1.0	**2.2**	
Selenium	mg/L	7/9/2007 7:59:53 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	7/2/2007 10:27:00 AM	6010B	10	**30**	*
Zinc	mg/L	7/9/2007 7:59:53 PM	6020	0.010	**0.037**	

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Peggy McNicol
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Lab Sample ID: L78574-04F
Field Sample ID: **Miller Outlet**
Collected: 6/25/2007 2:30:00 PM
Received: 6/27/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	7/2/2007 11:14:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	7/9/2007 8:05:17 PM	6020	0.0050	< 0.0050	
Boron	mg/L	7/2/2007 11:14:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	7/9/2007 8:05:17 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	7/2/2007 10:31:00 AM	6010B	10	**66**	*
Copper	mg/L	7/9/2007 8:05:17 PM	6020	0.0040	**0.0068**	
Iron	mg/L	7/2/2007 11:14:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	7/9/2007 8:05:17 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	7/2/2007 11:14:00 AM	6010B	1.0	**16**	
Manganese	mg/L	7/9/2007 8:05:17 PM	6020	0.0050	**0.011**	
Molybdenum	mg/L	7/2/2007 11:14:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	7/2/2007 11:14:00 AM	6010B	1.0	**2.3**	
Selenium	mg/L	7/9/2007 8:05:17 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	7/2/2007 11:14:00 AM	6010B	1.0	**15**	
Zinc	mg/L	7/9/2007 8:05:17 PM	6020	0.010	**0.020**	

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78574-01
Field Sample ID: **Mud Creek**
Collected: 6/25/2007 1:45:00 PM
Received: 6/27/2007

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	6/28/2007 6:11:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**250**	
Ammonia (as N)	mg/L	6/29/2007 10:32:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**250**	
Carbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	10	< 10	
Chloride	mg/L	7/9/2007 2:51:00 PM	300.0	5.0	**14**	
Hardness (as CaCO3)	mg/L	7/2/2007 10:50:00 AM	SM2340 B	10	**290**	
Nitrate (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	**0.10**	H
Nitrite (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	< 0.010	H
Oil & Grease	mg/L	7/5/2007 2:10:00 PM	EPA 1664A	3.0	**4.5**	
Phosphate, ortho (as P)	mg/L	6/27/2007 2:30:00 PM	365.1	0.050	< 0.050	H
Settleable Solids	mL/L	6/27/2007 12:45:00 PM	SM2540F	0.10	< 0.10	
Sulfate	mg/L	7/7/2007 2:25:00 AM	300.0	50	**140**	
TDS	mg/L	6/27/2007 2:30:00 PM	160.1	20	**440**	
TSS	mg/L	6/27/2007 3:45:00 PM	SM2540D	3.0	**10**	

H - Inadequate time given to run inside hold time.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L78574-02
Field Sample ID: **Sulfur Spring**
Collected: 6/25/2007 2:50:00 PM
Received: 6/27/2007

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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	6/28/2007 6:11:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**340**	
Ammonia (as N)	mg/L	6/29/2007 10:32:00 AM	350.1	0.050	**0.060**	
Bicarbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**340**	
Carbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	10	< 10	
Chloride	mg/L	7/9/2007 3:25:00 PM	300.0	2.0	**7.2**	
Hardness (as CaCO3)	mg/L	7/2/2007 11:06:00 AM	SM2340 B	10	**340**	
Nitrate (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	< 0.010	H
Nitrite (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	< 0.010	H
Oil & Grease	mg/L	7/5/2007 2:10:00 PM	EPA 1664A	3.0	**4.8**	
Phosphate, ortho (as P)	mg/L	6/27/2007 2:32:00 PM	365.1	0.050	< 0.050	
Settleable Solids	mL/L	6/27/2007 12:45:00 PM	SM2540F	0.10	< 0.10	
Sulfate	mg/L	7/7/2007 3:31:00 AM	300.0	10	**46**	
TDS	mg/L	6/27/2007 2:30:00 PM	160.1	20	**360**	
TSS	mg/L	6/27/2007 3:45:00 PM	SM2540D	3.0	< 3.0	

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L78574-03
Field Sample ID: **RES-1**
Collected: 6/25/2007 3:15:00 PM
Received: 6/27/2007

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Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	6/28/2007 6:11:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**120**	
Ammonia (as N)	mg/L	6/29/2007 10:32:00 AM	350.1	0.050	**0.050**	
Bicarbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	< 20	
Carbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**110**	
Chloride	mg/L	7/9/2007 3:58:00 PM	300.0	10	**41**	
Hardness (as CaCO3)	mg/L	7/2/2007 11:10:00 AM	SM2340 B	10	**130**	
Nitrate (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	< 0.010	H
Nitrite (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	< 0.010	H
Oil & Grease	mg/L	7/5/2007 2:10:00 PM	EPA 1664A	3.0	**4.7**	
Phosphate, ortho (as P)	mg/L	6/27/2007 2:32:00 PM	365.1	0.050	< 0.050	
Settleable Solids	mL/L	6/27/2007 12:45:00 PM	SM2540F	0.10	**0.50**	
Sulfate	mg/L	7/7/2007 4:04:00 AM	300.0	5.0	**25**	
TDS	mg/L	6/27/2007 2:30:00 PM	160.1	20	**190**	
TSS	mg/L	6/27/2007 3:45:00 PM	SM2540D	3.0	**40**	

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Project ID: Scofield Baseline

Contact: Brad Lindsay

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Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L78574-04
Field Sample ID: **Miller Outlet**
Collected: 6/25/2007 2:30:00 PM
Received: 6/27/2007

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	6/28/2007 6:11:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**240**	
Ammonia (as N)	mg/L	6/29/2007 10:32:00 AM	350.1	0.050	**0.084**	
Bicarbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	**230**	
Carbonate (As CaCO3)	mg/L	6/28/2007 6:00:00 AM	2320B	20	< 20	
Chloride	mg/L	7/9/2007 5:38:00 PM	300.0	5.0	**12**	
Hardness (as CaCO3)	mg/L	7/2/2007 11:14:00 AM	SM2340 B	10	**230**	
Nitrate (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	**0.090**	H
Nitrite (as N)	mg/L	6/28/2007 8:55:00 AM	353.2	0.010	**0.028**	H
Oil & Grease	mg/L	7/5/2007 2:10:00 PM	EPA 1664A	3.0	**6.2**	
Phosphate, ortho (as P)	mg/L	6/27/2007 2:33:00 PM	365.1	0.050	**0.052**	H
Settleable Solids	mL/L	6/27/2007 12:45:00 PM	SM2540F	0.10	**0.10**	
Sulfate	mg/L	7/7/2007 7:57:00 AM	300.0	10	**27**	
TDS	mg/L	6/27/2007 2:30:00 PM	160.1	20	**280**	
TSS	mg/L	6/27/2007 3:45:00 PM	SM2540D	3.0	**150**	

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-35383	Arsenic	mg/L	6020	0.2153	0.2	0	108	85-115				7/9/2007
LCS-35383	Cadmium	mg/L	6020	0.2050	0.2	0	102	85-115				7/9/2007
LCS-35383	Copper	mg/L	6020	0.2117	0.2	0	106	85-115				7/9/2007
LCS-35383	Lead	mg/L	6020	0.2059	0.2	0	103	85-115				7/9/2007
LCS-35383	Manganese	mg/L	6020	0.2180	0.2	0.002294	108	85-115				7/9/2007
LCS-35383	Selenium	mg/L	6020	0.2067	0.2	0	103	85-115				7/9/2007
LCS-35383	Zinc	mg/L	6020	1.030	1	0.007819	102	85-115				7/9/2007
LCS-35367	Iron	mg/L	6010B	1.002	1	0	100	75-125				7/2/2007
LCS-35367	Manganese	mg/L	6010B	0.1927	0.2	0	96.3	75-125				7/2/2007
LCS-35383	Aluminum	mg/L	6010B	0.9886	1	0	98.9	75-125				7/2/2007
LCS-35383	Boron	mg/L	6010B	1.037	1	0	104	75-125				7/2/2007
LCS-35383	Calcium	mg/L	6010B	9.784	10	0	97.8	75-125				7/2/2007
LCS-35383	Iron	mg/L	6010B	1.014	1	0	101	75-125				7/2/2007
LCS-35383	Magnesium	mg/L	6010B	9.993	10	0	99.9	75-125				7/2/2007
LCS-35383	Molybdenum	mg/L	6010B	0.1978	0.2	0	98.9	75-125				7/2/2007
LCS-35383	Potassium	mg/L	6010B	10.01	10	0	100	75-125				7/2/2007
LCS-35383	Sodium	mg/L	6010B	10.11	10	0	101	75-125				7/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-35383	Arsenic	mg/L	6020	< 0.0050				-				7/9/2007
MB-35383	Cadmium	mg/L	6020	< 0.0040				-				7/9/2007
MB-35383	Copper	mg/L	6020	< 0.0040				-				7/9/2007
MB-35383	Lead	mg/L	6020	< 0.0050				-				7/9/2007
MB-35383	Manganese	mg/L	6020	< 0.0050				-				7/9/2007
MB-35383	Selenium	mg/L	6020	< 0.0050				-				7/9/2007
MB-35383	Zinc	mg/L	6020	< 0.010				-				7/2/2007
MB-35367	Iron	mg/L	6010B	< 0.050				-				7/2/2007
MB-35367	Manganese	mg/L	6010B	< 0.0050				-				7/2/2007
MB-35383	Aluminum	mg/L	6010B	< 0.10				-				7/2/2007
MB-35383	Boron	mg/L	6010B	< 0.50				-				7/2/2007
MB-35383	Calcium	mg/L	6010B	< 1.0				-				7/2/2007
MB-35383	Iron	mg/L	6010B	< 0.050				-				7/2/2007
MB-35383	Magnesium	mg/L	6010B	< 1.0				-				7/2/2007
MB-35383	Molybdenum	mg/L	6010B	< 0.040				-				7/2/2007
MB-35383	Potassium	mg/L	6010B	< 1.0				-				7/2/2007
MB-35383	Sodium	mg/L	6010B	< 1.0				-				7/2/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78574-01FMS	Arsenic	mg/L	6020	0.2177	0.2	0.001225	108	70-130				7/9/2007
L78574-01FMS	Cadmium	mg/L	6020	0.1996	0.2	0	99.8	70-130				7/9/2007
L78574-01FMS	Copper	mg/L	6020	0.2146	0.2	0.006055	104	70-130				7/9/2007
L78574-01FMS	Lead	mg/L	6020	0.2056	0.2	0.001032	102	70-130				7/9/2007
L78574-01FMS	Manganese	mg/L	6020	0.2365	0.2	0.02218	107	70-130				7/9/2007
L78574-01FMS	Selenium	mg/L	6020	0.2048	0.2	0.002152	101	70-130				7/9/2007
L78574-01FMS	Zinc	mg/L	6020	1.027	1	0.02738	100	70-130				7/9/2007
L78574-01EMS	Iron	mg/L	6010B	1.198	1	0.1871	101	75-125				7/2/2007
L78574-01EMS	Manganese	mg/L	6010B	0.2153	0.2	0.01979	97.8	75-125				7/2/2007
L78574-01FMS	Calcium	mg/L	6010B	72.77	10	61.96	108	75-125				7/2/2007
L78574-01FMS	Magnesium	mg/L	6010B	43.86	10	33.3	106	75-125				7/2/2007
L78574-01FMS	Sodium	mg/L	6010B	51.35	10	54.85	-34.9	75-125			2	7/2/2007
L78574-01FMS	Aluminum	mg/L	6010B	0.9750	1	0	97.5	75-125				7/2/2007
L78574-01FMS	Boron	mg/L	6010B	1.200	1	0.138	106	75-125				7/2/2007
L78574-01FMS	Iron	mg/L	6010B	1.010	1	0.0194	99.1	75-125				7/2/2007
L78574-01FMS	Molybdenum	mg/L	6010B	0.1950	0.2	0	97.5	75-125				7/2/2007
L78574-01FMS	Potassium	mg/L	6010B	15.60	10	5.77	98.3	75-125				7/2/2007

[2] Analyte concentration is too high for accurate spike and/or RPD recovery.

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78574-01FMSD	Arsenic	mg/L	6020	0.2194	0.2	0.001225	109	70-130	0.755	20		7/9/2007
L78574-01FMSD	Cadmium	mg/L	6020	0.2031	0.2	0	102	70-130	1.75	20		7/9/2007
L78574-01FMSD	Copper	mg/L	6020	0.2195	0.2	0.006055	107	70-130	2.25	20		7/9/2007
L78574-01FMSD	Lead	mg/L	6020	0.2078	0.2	0.001032	103	70-130	1.09	20		7/9/2007
L78574-01FMSD	Manganese	mg/L	6020	0.2371	0.2	0.02218	107	70-130	0.285	20		7/9/2007
L78574-01FMSD	Selenium	mg/L	6020	0.2093	0.2	0.002152	104	70-130	2.19	20		7/9/2007
L78574-01FMSD	Zinc	mg/L	6020	1.030	1	0.02738	100	70-130	0.301	20		7/9/2007
L78574-01EMSD	Iron	mg/L	6010B	1.220	1	0.1871	103	75-125	1.85	20		7/2/2007
L78574-01EMSD	Manganese	mg/L	6010B	0.2164	0.2	0.01979	98.3	75-125	0.482	20		7/2/2007
L78574-01FMSD	Calcium	mg/L	6010B	73.25	10	61.96	113	75-125	0.651	20		7/2/2007
L78574-01FMSD	Magnesium	mg/L	6010B	43.19	10	33.3	98.9	75-125	1.53	20		7/2/2007
L78574-01FMSD	Sodium	mg/L	6010B	51.51	10	54.85	-33.4	75-125	0.295	20	2	7/2/2007
L78574-01FMSD	Aluminum	mg/L	6010B	0.9700	1	0	97.0	75-125	0.514	20		7/2/2007
L78574-01FMSD	Boron	mg/L	6010B	1.200	1	0.138	106	75-125	0	20		7/2/2007
L78574-01FMSD	Iron	mg/L	6010B	1.010	1	0.0194	99.1	75-125	0	20		7/2/2007
L78574-01FMSD	Molybdenum	mg/L	6010B	0.1930	0.2	0	96.5	75-125	1.03	20		7/2/2007
L78574-01FMSD	Potassium	mg/L	6010B	15.50	10	5.77	97.3	75-125	0.643	20		7/2/2007

[2] Analyte concentration is too high for accurate spike and/or RPD recovery.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78564-04DDUP	TDS	mg/L	160.1	1076	0	1048		-	2.64	20		6/27/2007
L78574-04ADUP	TDS	mg/L	160.1	300.0	0	284		-	5.48	20		6/27/2007
L78574-01ADUP	TSS	mg/L	SM2540D	11.00	0	10		-	9.52	20		6/27/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R71415	Alkalinity,(As CaCO3)	mg/L	2320B	49860	50000	0	99.7	90-110				6/28/2007
LCS	Fluoride	mg/L	300.0	4.908	5	0	98.2	90-110				7/7/2007
LCS	Sulfate	mg/L	300.0	5.207	5	0.021	104	90-110				7/7/2007
LCS	Chloride	mg/L	300.0	4.857	5	0.005	97.0	90-110				7/9/2007
LCS	Sulfate	mg/L	300.0	5.353	5	0.025	107	90-110				7/9/2007
LCS-R71414	Acidity	mg/L	SM2310B	50.00	50	0	100	80-120				6/28/2007
LCS-35376	Ammonia (as N)	mg/L	350.1	0.9120	1	0	91.2	90-110				6/29/2007
LCS-71424	Nitrite (as N)	mg/L	353.2	1.016	1	0	102	90-110				6/28/2007
LCS-71427	Nitrate (as N)	mg/L	353.2	0.9870	1	0	98.7	90-110				6/28/2007
LCS-R71681	Oil & Grease	mg/L	EPA 1664A	40.00	40	0	100	79-114				7/5/2007
LCS-71398	Phosphate, ortho (as P)	mg/L	365.1	0.9770	1	0	97.7	90-110				6/27/2007
LCS-R71448	TDS	mg/L	160.1	198.0	205	0	96.6	80-120				6/27/2007
LCS-R71425	TSS	mg/L	SM2540D	99.00	100	0	99.0	80-120				6/27/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R71415	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				6/28/2007
MB-R71415	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				6/28/2007
MB-R71415	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				6/28/2007
MB	Sulfate	mg/L	300.0	< 1.0				-				7/7/2007
MB	Chloride	mg/L	300.0	< 1.0				-				7/9/2007
MB	Sulfate	mg/L	300.0	< 1.0				-				7/9/2007
MB-R71414	Acidity	mg/L	SM2310B	< 15				-				6/28/2007
MB-35376	Ammonia (as N)	mg/L	350.1	< 0.050				-				6/29/2007
MB-71424	Nitrite (as N)	mg/L	353.2	< 0.010				-				6/28/2007
MB-71427	Nitrate (as N)	mg/L	353.2	< 0.010				-				6/28/2007
MB-R71681	Oil & Grease	mg/L	EPA 1664A	< 3.0				-				7/5/2007
MB-71398	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				6/27/2007
MB-R71448	TDS	mg/L	160.1	< 10				-				6/27/2007
MB-R71425	TSS	mg/L	SM2540D	< 3.0				-				6/27/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78574-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	350.0	100	248	102	80-120				6/28/2007
L78574-04BMS	Sulfate	mg/L	300.0	74.91	50	27.44	94.9	90-110				7/7/2007
L78612-01AMS	Fluoride	mg/L	300.0	5.309	5	0.135	103	90-110				7/7/2007
L78612-01AMS	Chloride	mg/L	300.0	40.08	25	12.38	111	90-110			1	7/9/2007
L78574-04BMS	Chloride	mg/L	300.0	36.92	25	12.18	99.0	90-110				7/9/2007
L78726-01AMS	Chloride	mg/L	300.0	536.0	500	25.72	102	90-110				7/9/2007
L78726-01AMS	Sulfate	mg/L	300.0	524.1	500	15.81	102	90-110				7/9/2007
L78574-01BMS	Acidity	mg/L	SM2310B	52.00	50	0	104	80-120				6/28/2007
L78574-01CMS	Ammonia (as N)	mg/L	350.1	0.9010	1	0	90.1	90-110				6/29/2007
L78583-04FMS	Ammonia (as N)	mg/L	350.1	0.9240	1	0	92.4	90-110				6/29/2007
L78574-01BMS	Nitrite (as N)	mg/L	353.2	1.029	1	0.005	102	90-110			H	6/28/2007
L78574-01BMS	Nitrate (as N)	mg/L	353.2	1.135	1	0.105	103	90-110			H	6/28/2007
L78574-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.029	1	0.01	102	90-110			H	6/27/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

H - Inadequate time given to run inside hold time.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78574-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	345.0	100	248	97.0	80-120	1.44	10		6/28/2007
L78574-04BMSD	Sulfate	mg/L	300.0	76.11	50	27.44	97.3	90-110	1.58	20		7/7/2007
L78612-01AMSD	Fluoride	mg/L	300.0	5.495	5	0.135	107	90-110	3.44	20		7/7/2007
L78612-01AMSD	Chloride	mg/L	300.0	37.12	25	12.38	99.0	90-110	7.66	20		7/9/2007
L78574-04BMSD	Chloride	mg/L	300.0	37.40	25	12.18	101	90-110	1.27	20		7/9/2007
L78726-01AMSD	Chloride	mg/L	300.0	535.2	500	25.72	102	90-110	0.153	20		7/9/2007
L78726-01AMSD	Sulfate	mg/L	300.0	520.7	500	15.81	101	90-110	0.649	20		7/9/2007
L78574-01BMSD	Acidity	mg/L	SM2310B	54.00	50	0	108	80-120	3.77	20		6/28/2007
L78574-01CMSD	Ammonia (as N)	mg/L	350.1	0.9130	1	0	91.3	90-110	1.32	10		6/29/2007
L78583-04FMSD	Ammonia (as N)	mg/L	350.1	0.9530	1	0	95.3	90-110	3.09	10		6/29/2007
L78574-01BMSD	Nitrite (as N)	mg/L	353.2	1.017	1	0.005	101	90-110	1.17	10	H	6/28/2007
L78574-01BMSD	Nitrate (as N)	mg/L	353.2	1.115	1	0.105	101	90-110	1.78	10	H	6/28/2007
L78574-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.021	1	0.01	101	90-110	0.780	10	H	6/27/2007

H - Inadequate time given to run inside hold time.

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R71681	Oil & Grease	mg/L	EPA 1664A	39.00	40	0	97.5	79-114				7/5/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L78574
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R71681	Oil & Grease	mg/L	EPA 1664A	38.40	40	0	96.0	79-114	1.55	18		7/5/2007

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American West Analytical Labs

WORK ORDER Summary

27-Jun-07

Work Order L78574

Client ID: CAR300
Project: Scofield Baseline
Comments: QCLevel: 2+

QC Level: 2+
Location:

Contact: Brad Lindsay

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L78574-01A	Mud Creek	6/25/2007 1:45:00 PM	6/27/2007	7/12/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				7/12/2007		TDS-W	ww - tss/tds/ss	1
				7/12/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78574-01B				7/12/2007		2320B-ALK-W	june 27 - wc	1
				7/12/2007		300.0-W	june 27 - wc	1
				7/12/2007		ACIDITY-W-2310B	june 27 - wc	1
				7/12/2007		NO2-W	june 27 - wc	1
				7/12/2007		NO3-W	june 27 - wc	1
				7/12/2007		PO4-O	june 27 - wc	1
L78574-01C				7/12/2007		NH3-W	june 27 - nh3	1
				7/12/2007		NH3-W-PREP	june 27 - nh3	1
L78574-01D				7/12/2007		OGB-W	ogb	1
L78574-01E				7/12/2007		3005A-ICPMS	june 27 - met	1
				7/12/2007		ICP-W	june 27 - met	1
L78574-01F				7/12/2007	Aqueous-Dissolved	3005A-Diss	june 27 - dis met	1
				7/12/2007		6020-W-DISS	june 27 - dis met	1
				7/12/2007		HARD	june 27 - dis met	1
				7/12/2007		ICP-W-DIS	june 27 - dis met	1
L78574-02A	Sulfur Spring	6/25/2007 2:50:00 PM		7/12/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				7/12/2007		TDS-W	ww - tss/tds/ss	1
				7/12/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78574-02B				7/12/2007		2320B-ALK-W	june 27 - wc	1
				7/12/2007		300.0-W	june 27 - wc	1
				7/12/2007		ACIDITY-W-2310B	june 27 - wc	1
				7/12/2007		NO2-W	june 27 - wc	1
				7/12/2007		NO3-W	june 27 - wc	1
				7/12/2007		PO4-O	june 27 - wc	1

WORK ORDER Summary

27-Jun-07

Work Order L78574

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L78574-02C	Sulfur Spring	6/25/2007 2:50:00 PM	6/27/2007	7/12/2007	Aqueous	NH3-W	june 27 - nh3	1
				7/12/2007		NH3-W-PREP	june 27 - nh3	1
L78574-02D				7/12/2007		OGB-W	ogb	1
L78574-02E				7/12/2007		3005A-ICPMS	june 27 - met	1
				7/12/2007		ICP-W	june 27 - met	1
L78574-02F				7/12/2007	Aqueous-Dissolved	3005A-Diss	june 27 - dis met	1
				7/12/2007		6020-W-DISS	june 27 - dis met	1
				7/12/2007		HARD	june 27 - dis met	1
				7/12/2007		ICP-W-DIS	june 27 - dis met	1
L78574-03A	RES-1	6/25/2007 3:15:00 PM		7/12/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				7/12/2007		TDS-W	ww - tss/tds/ss	1
				7/12/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78574-03B				7/12/2007		2320B-ALK-W	june 27 - wc	1
				7/12/2007		300.0-W	june 27 - wc	1
				7/12/2007		ACIDITY-W-2310B	june 27 - wc	1
				7/12/2007		NO2-W	june 27 - wc	1
				7/12/2007		NO3-W	june 27 - wc	1
				7/12/2007		PO4-O	june 27 - wc	1
L78574-03C				7/12/2007		NH3-W	june 27 - nh3	1
				7/12/2007		NH3-W-PREP	june 27 - nh3	1
L78574-03D				7/12/2007		OGB-W	ogb	1
L78574-03E				7/12/2007		3005A-ICPMS	june 27 - met	1
				7/12/2007		ICP-W	june 27 - met	1
L78574-03F				7/12/2007	Aqueous-Dissolved	3005A-Diss	june 27 - dis met	1
				7/12/2007		6020-W-DISS	june 27 - dis met	1
				7/12/2007		HARD	june 27 - dis met	1
				7/12/2007		ICP-W-DIS	june 27 - dis met	1
L78574-04A	Miller Outlet	6/25/2007 2:30:00 PM		7/12/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1

WORK ORDER Summary

27-Jun-07

Work Order L78574

Client ID: CAR300
Project: Scofield Baseline
Comments: QCLevel: 2+

QC Level: 2+
Location:

Contact: Brad Lindsay

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L78574-04A	Miller Outlet	6/25/2007 2:30:00 PM	6/27/2007	7/12/2007	Aqueous	TDS-W	ww - tss/tds/ss	1
				7/12/2007		TSS-W-2540D	ww - tss/tds/ss	1
L78574-04B				7/12/2007		2320B-ALK-W	june 27 - wc	1
				7/12/2007		300.0-W	june 27 - wc	1
				7/12/2007		ACIDITY-W-2310B	june 27 - wc	1
				7/12/2007		NO2-W	june 27 - wc	1
				7/12/2007		NO3-W	june 27 - wc	1
				7/12/2007		PO4-O	june 27 - wc	1
L78574-04C				7/12/2007		NH3-W	june 27 - nh3	1
				7/12/2007		NH3-W-PREP	june 27 - nh3	1
L78574-04D				7/12/2007		OGB-W	ogb	1
L78574-04E				7/12/2007		3005A-ICPMS	june 27 - met	1
				7/12/2007		ICP-W	june 27 - met	1
L78574-04F				7/12/2007	Aqueous-Dissolved	3005A-Diss	june 27 - dis met	1
				7/12/2007		6020-W-DISS	june 27 - dis met	1
				7/12/2007		HARD	june 27 - dis met	1
				7/12/2007		ICP-W-DIS	june 27 - dis met	1

Client CARBON RESOURCES c/o ROCK LOGIC

Address P.O. BOX 544

CEDAREDGE (City) CO (State) 81413 (Zip)

Phone (435) 851-9044 Fax

Contact BRAD LINDSAY

E-mail rocklogicconsulting@gmail.com

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 78574

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 2										QC LEVEL	COMMENTS
MUD CREEK	6-25-07 13:45	W	6	✓										1 2 2+ 3 3+ 4	
SULFUR SPRING	14:50			✓											
RES-1	15:15			✓											
MILLER OUTLET	14:30			✓											

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 11:00	PRINT NAME UPS
Relinquished By: Signature UPS	Date 6/27/07	Received By: Signature
PRINT NAME	Time 11:46	PRINT NAME REBEKAH WINKLER
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME

Special Instructions:

PLEASE FILTER FOR DISOLVED SOLIDS

LABORATORY USE ONLY

SAMPLES WERE:

1 (Shipped) or hand delivered Notes: UPS

2 Ambient or (Chilled) Notes:

3 Temperature 16°C

4 Received Broken/Leaking (Improperly Sealed) Y (N) Notes:

5 (Properly Preserved) Y N Notes:

6 (Received Within Holding Times) Y N Notes:

COC Tape Was:

1 Present on Outer Package Y (N) NA

2 Unbroken on Outer Package Y N (NA)

3 Present on Sample Y (N) NA

4 Unbroken on Sample Y N (NA) Notes:

Discrepancies Between Sample Labels and COC Record? Y (N) Notes:

TABLE 3

½ gallon HDPE
1 L HDPE
1 L HDPE
1 500 mL HNO3
1 250 mL H2SO4
1 amber L HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

LABORATORY MEASUREMENTS

*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)[1]	mg/l
	-	Arsenic (Dissolved)[1]	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)[1]	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)[1]	mg/l
*	-	Iron (Dissolved)[1]	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)[1]	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)[1]	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)[1]	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 78574

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

August 15, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L79128

Dear Brad Lindsay:

American West Analytical Labs received 2 samples on 8/1/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L79128-01E
Field Sample ID: **Miller Outlet**
Collected: 7/30/2007 8:15:00 PM
Received: 8/1/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/7/2007 5:13:00 PM	6010B	0.050	**2.6**
Manganese	mg/L	8/7/2007 5:13:00 PM	6010B	0.0050	**0.086**

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Kyle F. Gross
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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L79128-02E
Field Sample ID: **RES-1**
Collected: 7/30/2007 8:45:00 PM
Received: 8/1/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/7/2007 5:29:00 PM	6010B	0.050	**0.40**
Manganese	mg/L	8/7/2007 5:29:00 PM	6010B	0.0050	**0.38**

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L79128-01F
Field Sample ID: **Miller Outlet**
Collected: 7/30/2007 8:15:00 PM
Received: 8/1/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	8/10/2007 11:28:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/6/2007 12:48:58 PM	6020	0.0050	< 0.0050	
Boron	mg/L	8/10/2007 11:28:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/6/2007 12:48:58 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	8/10/2007 10:54:00 AM	6010B	10	**64**	*
Copper	mg/L	8/6/2007 12:48:58 PM	6020	0.0040	< 0.0040	
Iron	mg/L	8/10/2007 11:28:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	8/6/2007 12:48:58 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	8/10/2007 10:54:00 AM	6010B	10	**16**	*
Manganese	mg/L	8/6/2007 12:48:58 PM	6020	0.0050	< 0.0050	
Molybdenum	mg/L	8/10/2007 11:28:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	8/10/2007 11:28:00 AM	6010B	1.0	**2.5**	
Selenium	mg/L	8/6/2007 12:48:58 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	8/10/2007 10:54:00 AM	6010B	10	**16**	*
Zinc	mg/L	8/6/2007 12:48:58 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L79128-02F
Field Sample ID: **RES-1**
Collected: 7/30/2007 8:45:00 PM
Received: 8/1/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	8/10/2007 11:44:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/6/2007 1:16:22 PM	6020	0.0050	< 0.0050	
Boron	mg/L	8/10/2007 11:44:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/6/2007 1:16:22 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	8/10/2007 11:05:00 AM	6010B	10	**71**	*
Copper	mg/L	8/6/2007 1:16:22 PM	6020	0.0040	< 0.0040	
Iron	mg/L	8/10/2007 11:44:00 AM	6010B	0.050	**0.15**	
Lead	mg/L	8/6/2007 1:16:22 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	8/10/2007 11:05:00 AM	6010B	10	**58**	*
Manganese	mg/L	8/6/2007 1:16:22 PM	6020	0.0050	**0.43**	
Molybdenum	mg/L	8/10/2007 11:44:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	8/10/2007 11:44:00 AM	6010B	1.0	**15**	
Selenium	mg/L	8/6/2007 1:16:22 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	8/10/2007 11:05:00 AM	6010B	10	**42**	*
Zinc	mg/L	8/6/2007 1:16:22 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L79128-01
Field Sample ID: **Miller Outlet**
Collected: 7/30/2007 8:15:00 PM
Received: 8/1/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	8/2/2007 8:10:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	8/2/2007 9:45:00 AM	2320B	20	**210**	
Ammonia (as N)	mg/L	8/3/2007 10:21:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	8/2/2007 9:45:00 AM	2320B	20	**210**	
Carbonate (As CaCO3)	mg/L	8/2/2007 9:45:00 AM	2320B	10	< 10	
Chloride	mg/L	8/11/2007 1:45:00 PM	300.0	5.0	**9.4**	*
Hardness (as CaCO3)	mg/L	8/10/2007 10:54:00 AM	SM2340 B	10	**230**	
Nitrate (as N)	mg/L	8/1/2007 2:04:00 PM	353.2	0.010	< 0.010	
Nitrite (as N)	mg/L	8/1/2007 2:04:00 PM	353.2	0.010	**0.025**	
Oil & Grease	mg/L	8/2/2007 1:30:00 PM	EPA 1664A	3.0	**4.3**	
Phosphate, ortho (as P)	mg/L	8/1/2007 1:26:00 PM	365.1	0.050	**0.11**	1
Settleable Solids	ml/L	8/1/2007 1:00:00 PM	SM2540F	0.10	< 0.10	
Sulfate	mg/L	8/11/2007 1:45:00 PM	300.0	5.0	**19**	*
TDS	mg/L	8/3/2007 1:45:00 PM	160.1	10	**280**	
TSS	mg/L	8/1/2007 3:30:00 PM	SM2540D	3.0	**110**	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L79128-02
Field Sample ID: **RES-1**
Collected: 7/30/2007 8:45:00 PM
Received: 8/1/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	8/2/2007 8:10:00 AM	SM2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	8/2/2007 9:45:00 AM	2320B	20	**330**
Ammonia (as N)	mg/L	8/3/2007 10:21:00 AM	350.1	0.050	**0.11**
Bicarbonate (As CaCO3)	mg/L	8/2/2007 9:45:00 AM	2320B	20	**330**
Carbonate (As CaCO3)	mg/L	8/2/2007 9:45:00 AM	2320B	10	< 10
Chloride	mg/L	8/11/2007 3:25:00 PM	300.0	10	**86**
Hardness (as CaCO3)	mg/L	8/10/2007 11:05:00 AM	SM2340 B	10	**420**
Nitrate (as N)	mg/L	8/1/2007 2:04:00 PM	353.2	0.010	**0.017**
Nitrite (as N)	mg/L	8/1/2007 2:04:00 PM	353.2	0.010	< 0.010
Oil & Grease	mg/L	8/2/2007 1:30:00 PM	EPA 1664A	3.0	**4.0**
Phosphate, ortho (as P)	mg/L	8/1/2007 1:26:00 PM	365.1	0.050	**0.098**
Settleable Solids	ml/L	8/1/2007 1:00:00 PM	SM2540F	0.10	**0.50**
Sulfate	mg/L	8/11/2007 3:25:00 PM	300.0	10	**48**
TDS	mg/L	8/3/2007 1:45:00 PM	160.1	10	**590**
TSS	mg/L	8/1/2007 3:30:00 PM	SM2540D	3.0	**38**

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-35929	Arsenic	mg/L	6020	0.2113	0.2	0	106	85-115				8/6/2007
LCS-35929	Cadmium	mg/L	6020	0.2078	0.2	0.000039	104	85-115				8/6/2007
LCS-35929	Copper	mg/L	6020	0.2188	0.2	0.000375	109	85-115				8/6/2007
LCS-35929	Lead	mg/L	6020	0.1992	0.2	0.000019	99.6	85-115				8/6/2007
LCS-35929	Manganese	mg/L	6020	0.2110	0.2	0	105	85-115				8/6/2007
LCS-35929	Selenium	mg/L	6020	0.1848	0.2	0	92.4	85-115				8/6/2007
LCS-35929	Zinc	mg/L	6020	0.9930	1	0	99.3	85-115				8/6/2007
LCS-35902	Iron	mg/L	6010B	0.9730	1	0	97.3	75-125				8/7/2007
LCS-35902	Manganese	mg/L	6010B	0.1930	0.2	0	96.5	75-125				8/7/2007
LCS-35929	Aluminum	mg/L	6010B	1.043	1	0	104	75-125				8/10/2007
LCS-35929	Boron	mg/L	6010B	1.091	1	0	109	75-125				8/10/2007
LCS-35929	Calcium	mg/L	6010B	10.16	10	0	102	75-125				8/10/2007
LCS-35929	Iron	mg/L	6010B	1.040	1	0	104	75-125				8/10/2007
LCS-35929	Magnesium	mg/L	6010B	10.07	10	0	101	75-125				8/10/2007
LCS-35929	Molybdenum	mg/L	6010B	0.2006	0.2	0	100	75-125				8/10/2007
LCS-35929	Potassium	mg/L	6010B	10.06	10	0	101	75-125				8/10/2007
LCS-35929	Sodium	mg/L	6010B	10.12	10	0	101	75-125				8/10/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-35929	Arsenic	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Cadmium	mg/L	6020	< 0.0040				-				8/6/2007
MB-35929	Copper	mg/L	6020	< 0.0040				-				8/6/2007
MB-35929	Lead	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Manganese	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Selenium	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Zinc	mg/L	6020	< 0.010				-				8/6/2007
MB-35902	Iron	mg/L	6010B	< 0.050				-				8/7/2007
MB-35902	Manganese	mg/L	6010B	< 0.0050				-				8/7/2007
MB-35929	Aluminum	mg/L	6010B	< 0.10				-				8/10/2007
MB-35929	Boron	mg/L	6010B	< 0.50				-				8/10/2007
MB-35929	Calcium	mg/L	6010B	< 1.0				-				8/10/2007
MB-35929	Iron	mg/L	6010B	< 0.050				-				8/10/2007
MB-35929	Magnesium	mg/L	6010B	< 1.0				-				8/10/2007
MB-35929	Molybdenum	mg/L	6010B	< 0.040				-				8/10/2007
MB-35929	Potassium	mg/L	6010B	< 1.0				-				8/10/2007
MB-35929	Sodium	mg/L	6010B	< 1.0				-				8/10/2007

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79128-01FMS	Arsenic	mg/L	6020	0.2131	0.2	0.001031	106	70-130				8/6/2007
L79128-01FMS	Cadmium	mg/L	6020	0.2109	0.2	0	105	70-130				8/6/2007
L79128-01FMS	Copper	mg/L	6020	0.2235	0.2	0.002095	111	70-130				8/6/2007
L79128-01FMS	Lead	mg/L	6020	0.2017	0.2	0	101	70-130				8/6/2007
L79128-01FMS	Manganese	mg/L	6020	0.2134	0.2	0.001039	106	70-130				8/6/2007
L79128-01FMS	Selenium	mg/L	6020	0.1872	0.2	0.000717	93.2	70-130				8/6/2007
L79128-01FMS	Zinc	mg/L	6020	0.9962	1	0	99.6	70-130				8/6/2007
L79128-01EMS	Iron	mg/L	6010B	3.830	1	2.63	120	75-125				8/7/2007
L79128-01EMS	Manganese	mg/L	6010B	0.2800	0.2	0.0858	97.1	75-125				8/7/2007
L79128-01FMS	Calcium	mg/L	6010B	71.65	10	63.88	77.7	75-125				8/10/2007
L79128-01FMS	Magnesium	mg/L	6010B	25.86	10	16.2	96.6	75-125				8/10/2007
L79128-01FMS	Sodium	mg/L	6010B	25.37	10	15.52	98.5	75-125				8/10/2007
L79128-01FMS	Aluminum	mg/L	6010B	1.090	1	0.0546	104	75-125				8/10/2007
L79128-01FMS	Boron	mg/L	6010B	1.190	1	0.0569	113	75-125				8/10/2007
L79128-01FMS	Iron	mg/L	6010B	1.080	1	0.0293	105	75-125				8/10/2007
L79128-01FMS	Molybdenum	mg/L	6010B	0.2060	0.2	0	103	75-125				8/10/2007
L79128-01FMS	Potassium	mg/L	6010B	12.90	10	2.54	104	75-125				8/10/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79128-01FMSD	Arsenic	mg/L	6020	0.2127	0.2	0.001031	106	70-130	0.178	20		8/6/2007
L79128-01FMSD	Cadmium	mg/L	6020	0.2041	0.2	0	102	70-130	3.28	20		8/6/2007
L79128-01FMSD	Copper	mg/L	6020	0.2194	0.2	0.002095	109	70-130	1.84	20		8/6/2007
L79128-01FMSD	Lead	mg/L	6020	0.1971	0.2	0	98.5	70-130	2.34	20		8/6/2007
L79128-01FMSD	Manganese	mg/L	6020	0.2098	0.2	0.001039	104	70-130	1.72	20		8/6/2007
L79128-01FMSD	Selenium	mg/L	6020	0.1807	0.2	0.000717	90.0	70-130	3.52	20		8/6/2007
L79128-01FMSD	Zinc	mg/L	6020	0.9577	1	0	95.8	70-130	3.94	20		8/6/2007
L79128-01EMSD	Iron	mg/L	6010B	3.700	1	2.63	107	75-125	3.45	20		8/7/2007
L79128-01EMSD	Manganese	mg/L	6010B	0.2760	0.2	0.0858	95.1	75-125	1.44	20		8/7/2007
L79128-01FMSD	Calcium	mg/L	6010B	72.29	10	63.88	84.1	75-125	0.889	20		8/10/2007
L79128-01FMSD	Magnesium	mg/L	6010B	26.02	10	16.2	98.3	75-125	0.636	20		8/10/2007
L79128-01FMSD	Sodium	mg/L	6010B	25.28	10	15.52	97.6	75-125	0.354	20		8/10/2007
L79128-01FMSD	Aluminum	mg/L	6010B	1.080	1	0.0546	103	75-125	0.922	20		8/10/2007
L79128-01FMSD	Boron	mg/L	6010B	1.170	1	0.0569	111	75-125	1.69	20		8/10/2007
L79128-01FMSD	Iron	mg/L	6010B	1.070	1	0.0293	104	75-125	0.930	20		8/10/2007
L79128-01FMSD	Molybdenum	mg/L	6010B	0.2030	0.2	0	102	75-125	1.47	20		8/10/2007
L79128-01FMSD	Potassium	mg/L	6010B	12.60	10	2.54	101	75-125	2.35	20		8/10/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78914-05ADUP	TDS	mg/L	160.1	348.0	0	334		-	4.11	20		8/3/2007
L79156-02ADUP	TDS	mg/L	160.1	442.0	0	438		-	0.909	20		8/3/2007
L78914-04ADUP	TSS	mg/L	SM2540D	77.00	0	78		-	1.29	20		8/1/2007
L79118-02ADUP	TSS	mg/L	SM2540D	< 3.0	0	0		-	0	20		8/1/2007
L79128-02ADUP	TSS	mg/L	SM2540D	39.00	0	38		-	2.60	20		8/1/2007
L79133-03ADUP	TSS	mg/L	SM2540D	1195	0	1260		-	5.30	20		8/1/2007

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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R72525	Alkalinity,(As CaCO3)	mg/L	2320B	51540	50000	0	103	90-110				8/2/2007
LCS-R72900	Chloride	mg/L	300.0	4.782	5	0.01	95.4	90-110				8/11/2007
LCS-R72900	Sulfate	mg/L	300.0	4.997	5	0.013	99.7	90-110				8/11/2007
LCS-R72514	Acidity	mg/L	SM2310B	55.00	50	0	110	80-120				8/2/2007
LCS-35876	Ammonia (as N)	mg/L	350.1	0.9950	1	0	99.5	90-110				8/3/2007
LCS-72484	Nitrite (as N)	mg/L	353.2	1.071	1	0	107	90-110				8/1/2007
LCS-72486	Nitrate (as N)	mg/L	353.2	1.030	1	0	103	90-110				8/1/2007
LCS-R72613	Oil & Grease	mg/L	EPA 1664A	41.50	40	0	104	79-114				8/2/2007
LCS-72477	Phosphate, ortho (as P)	mg/L	365.1	1.060	1	0	106	90-110				8/1/2007
LCS-R72674	TDS	mg/L	160.1	208.0	205	0	101	80-120				8/3/2007
LCS-R72520	TSS	mg/L	SM2540D	96.00	100	0	96.0	80-120				8/1/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R72525	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				8/2/2007
MB-R72525	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				8/2/2007
MB-R72525	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				8/2/2007
MB-R72900	Chloride	mg/L	300.0	< 1.0				-				8/11/2007
MB-R72900	Sulfate	mg/L	300.0	< 1.0				-				8/11/2007
MB-R72514	Acidity	mg/L	SM2310B	< 15				-				8/2/2007
MB-35876	Ammonia (as N)	mg/L	350.1	< 0.050				-				8/3/2007
MB-72484	Nitrite (as N)	mg/L	353.2	< 0.010				-				8/1/2007
MB-72486	Nitrate (as N)	mg/L	353.2	< 0.010				-				8/1/2007
MB-R72613	Oil & Grease	mg/L	EPA 1664A	< 3.0				-				8/2/2007
MB-72477	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				8/1/2007
MB-R72674	TDS	mg/L	160.1	< 10				-				8/3/2007
MB-R72520	TSS	mg/L	SM2540D	< 3.0				-				8/1/2007

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: WC

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79128-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	308.0	100	210	98.0	80-120				8/2/2007
L79144-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	987.0	200	791	98.0	80-120				8/2/2007
L79128-01BMS	Chloride	mg/L	300.0	33.92	25	9.392	98.1	90-110				8/11/2007
L79128-01BMS	Sulfate	mg/L	300.0	45.86	25	18.71	109	90-110				8/11/2007
L79128-01BMS	Acidity	mg/L	SM2310B	54.00	50	0	108	80-120				8/2/2007
L79121-05DMS	Ammonia (as N)	mg/L	350.1	0.9490	1	0	94.9	90-110				8/3/2007
L79128-02CMS	Ammonia (as N)	mg/L	350.1	1.108	1	0.11	99.8	90-110				8/3/2007
L79128-01BMS	Nitrite (as N)	mg/L	353.2	1.119	1	0.025	109	90-110				8/1/2007
L79128-01BMS	Nitrate (as N)	mg/L	353.2	1.096	1	0	110	90-110				8/1/2007
L79128-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.210	1	0.107	110	90-110			I	8/1/2007

I Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

All analyses applic[redacted] CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attache[redacted]is report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any membe[redacted], or reproduction of this report in conne[redacted] the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose [redacted]or the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspectio[redacted]nalysis in good faith and according to the [redacted] of the trade and of science.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79128
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79128-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	309.0	100	210	99.0	80-120	0.324	10		8/2/2007
L79144-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	990.0	200	791	99.5	80-120	0.303	10		8/2/2007
L79128-01BMSD	Chloride	mg/L	300.0	34.20	25	9.392	99.2	90-110	0.819	20		8/11/2007
L79128-01BMSD	Sulfate	mg/L	300.0	45.78	25	18.71	108	90-110	0.170	20		8/11/2007
L79128-01BMSD	Acidity	mg/L	SM2310B	56.00	50	0	112	80-120	3.64	20		8/2/2007
L79121-05DMSD	Ammonia (as N)	mg/L	350.1	0.9840	1	0	98.4	90-110	3.62	10		8/3/2007
L79128-02CMSD	Ammonia (as N)	mg/L	350.1	1.124	1	0.11	101	90-110	1.43	10		8/3/2007
L79128-01BMSD	Nitrite (as N)	mg/L	353.2	1.092	1	0.025	107	90-110	2.44	10		8/1/2007
L79128-01BMSD	Nitrate (as N)	mg/L	353.2	1.087	1	0	109	90-110	0.825	10		8/1/2007
L79128-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.277	1	0.107	117	90-110	5.39	10	I	8/1/2007

I Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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American West Analytical Labs

WORK ORDER Summary

01-Aug-07

Work Order L79128

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:**

Contact: Brad Lindsay

Comments: QCLevel: 2+

HOK-DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L79128-01A	Miller Outlet	7/30/2007 8:15:00 PM	8/1/2007	8/15/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				8/15/2007		TDS-W	ww - tss/tds/ss	1
				8/15/2007		TSS-W-2540D	ww - tss/tds/ss	1
L79128-01B				8/15/2007		2320B-ALK-W	aug 1 - wc	1
				8/15/2007		300.0-W	aug 1 - wc	1
				8/15/2007		ACIDITY-W-2310B	aug 1 - wc	1
				8/15/2007		NO2-W	aug 1 - wc	1
				8/15/2007		NO3-W	aug 1 - wc	1
				8/15/2007		PO4-O	aug 1 - wc	1
L79128-01C				8/15/2007		NH3-W	aug 1 - nh3	1
				8/15/2007		NH3-W-PREP	aug 1 - nh3	1
L79128-01D				8/15/2007		OGB-W	ogb	1
L79128-01E				8/15/2007		3005A-ICPMS	aug 1 - met	1
				8/15/2007		ICP-W	aug 1 - met	1
L79128-01F				8/15/2007	Aqueous-Dissolved	3005A-Diss	aug 1 - dis met	1
				8/15/2007		6020-W-DISS	aug 1 - dis met	1
				8/15/2007		HARD	aug 1 - dis met	1
				8/15/2007		ICP-W-DIS	aug 1 - dis met	1
L79128-02A	RES-1	7/30/2007 8:45:00 PM		8/15/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				8/15/2007		TDS-W	ww - tss/tds/ss	1
				8/15/2007		TSS-W-2540D	ww - tss/tds/ss	1
L79128-02B				8/15/2007		2320B-ALK-W	aug 1 - wc	1
				8/15/2007		300.0-W	aug 1 - wc	1
				8/15/2007		ACIDITY-W-2310B	aug 1 - wc	1
				8/15/2007		NO2-W	aug 1 - wc	1
				8/15/2007		NO3-W	aug 1 - wc	1
				8/15/2007		PO4-O	aug 1 - wc	1

WORK ORDER Summary

01-Aug-07

Work Order L79128

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L79128-02C	RES-I	7/30/2007 8:45:00 PM	8/1/2007	8/15/2007	Aqueous	NH3-W	aug 1 - nh3	1
				8/15/2007		NH3-W-PREP	aug 1 - nh3	1
L79128-02D				8/15/2007		OGB-W	ogb	1
L79128-02E				8/15/2007		3005A-ICPMS	aug 1 - met	1
				8/15/2007		ICP-W	aug 1 - met	1
L79128-02F				8/15/2007	Aqueous-Dissolved	3005A-Diss	aug 1 - dis met	1
				8/15/2007		6020-W-DISS	aug 1 - dis met	1
				8/15/2007		HARD	aug 1 - dis met	1
				8/15/2007		ICP-W-DIS	aug 1 - dis met	1

Client ROCK LOGIC CONSULTING

Address P.O. BOX 544

CEDAREDGE, CO 81413
City / State / Zip

Phone (435) 851-9044 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGIC CONSULTING@GMAIL.COM

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

AMERICAN WEST ANALYTICAL LABORATORIES
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CHAIN OF CUSTODY

Lab Sample Set # 29128

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 2	QC LEVEL	COMMENTS
MILLER OUTLET	7/30/07 20:15	W	6			
RES-1	20:45					
* SULFUR SPRING	21:00					
* MUD CREEK	21:30					

QC LEVEL: 1 2 2+ 3 3+ 4

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes: on ice

3 Temperature 8°

4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:

5 Properly Preserved
Y N
Notes:

6 Received Within Holding Times
Y N
Notes:

COC Tape Was:

1 Present on Outer Package
(Y) N NA

2 Unbroken on Outer Package
(Y) N NA

3 Present on Sample
Y N (NA)

4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 9:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 8/1/07	Received By: Signature
PRINT NAME	Time 1056	PRINT NAME

Special Instructions:

PLEASE FILTER

*SULFUR SPRING AND MUD CREEK NOT RECEIVED 8/1/07-PW

TABLE 3

½ gallon HDPE
1 L HDPE
1 L HDPE
1 500 mL HNO3
1 250 mL H2SO4
1 amber L HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

LABORATORY MEASUREMENTS

*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 79128

Preservation Check Sheet

			Sample Set Extension and pH														
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

August 16, 2007

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L79156

Dear Brad Lindsay:

American West Analytical Labs received 2 samples on 8/2/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Approved by: _____
Laboratory Director or designee

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Toll Free (888) 263-8686
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e-mail: awal@awal-Labs.com

Lab Sample ID: L79156-01E
Field Sample ID: **Sulfur Spring**
Collected: 7/30/2007 9:00:00 PM
Received: 8/2/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/7/2007 5:33:00 PM	6010B	0.050	< 0.050
Manganese	mg/L	8/7/2007 5:33:00 PM	6010B	0.0050	**0.031**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Toll Free (888) 263-8686
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e-mail: awal@awal-Labs.com

Lab Sample ID: L79156-02E
Field Sample ID: **Mud Creek**
Collected: 7/30/2007 9:30:00 PM
Received: 8/2/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	8/7/2007 5:45:00 PM	6010B	0.050	**0.34**
Manganese	mg/L	8/7/2007 5:45:00 PM	6010B	0.0050	**0.028**

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L79156-01F
Field Sample ID: **Sulfur Spring**
Collected: 7/30/2007 9:00:00 PM
Received: 8/2/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	8/10/2007 11:48:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/6/2007 1:21:51 PM	6020	0.0050	< 0.0050	
Boron	mg/L	8/10/2007 11:48:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/6/2007 1:21:51 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	8/10/2007 11:09:00 AM	6010B	10	**89**	*
Copper	mg/L	8/6/2007 1:21:51 PM	6020	0.0040	**0.0090**	
Iron	mg/L	8/10/2007 11:48:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	8/6/2007 1:21:51 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	8/10/2007 11:09:00 AM	6010B	10	**35**	*
Manganese	mg/L	8/6/2007 1:21:51 PM	6020	0.0050	**0.038**	
Molybdenum	mg/L	8/10/2007 11:48:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	8/10/2007 11:48:00 AM	6010B	1.0	**4.9**	
Selenium	mg/L	8/6/2007 1:21:51 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	8/10/2007 11:48:00 AM	6010B	1.0	**8.5**	
Zinc	mg/L	8/6/2007 1:21:51 PM	6020	0.010	**0.018**	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L79156-02F
Field Sample ID: **Mud Creek**
Collected: 7/30/2007 9:30:00 PM
Received: 8/2/2007

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	8/10/2007 11:52:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/6/2007 1:27:20 PM	6020	0.0050	< 0.0050	
Boron	mg/L	8/10/2007 11:52:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/6/2007 1:27:20 PM	6020	0.0040	< 0.0040	
Calcium	mg/L	8/10/2007 11:13:00 AM	6010B	10	**63**	*
Copper	mg/L	8/6/2007 1:27:20 PM	6020	0.0040	< 0.0040	
Iron	mg/L	8/10/2007 11:52:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	8/6/2007 1:27:20 PM	6020	0.0050	< 0.0050	
Magnesium	mg/L	8/10/2007 11:13:00 AM	6010B	10	**38**	*
Manganese	mg/L	8/6/2007 1:27:20 PM	6020	0.0050	**0.0090**	
Molybdenum	mg/L	8/10/2007 11:52:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	8/10/2007 11:52:00 AM	6010B	1.0	**6.8**	
Selenium	mg/L	8/6/2007 1:27:20 PM	6020	0.0050	< 0.0050	
Sodium	mg/L	8/10/2007 11:13:00 AM	6010B	10	**34**	*
Zinc	mg/L	8/6/2007 1:27:20 PM	6020	0.010	< 0.010	

** The reporting limits were raised due to high analyte concentration.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L79156-01
Field Sample ID: **Sulfur Spring**
Collected: 7/30/2007 9:00:00 PM
Received: 8/2/2007

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	8/6/2007 7:00:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	8/3/2007 10:40:00 AM	2320B	20	**340**	
Ammonia (as N)	mg/L	8/3/2007 11:09:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	8/3/2007 10:40:00 AM	2320B	20	**340**	
Carbonate (As CaCO3)	mg/L	8/3/2007 10:40:00 AM	2320B	10	< 10	
Chloride	mg/L	8/11/2007 3:58:00 PM	300.0	5.0	**6.3**	
Hardness (as CaCO3)	mg/L	8/10/2007 11:09:00 AM	SM2340 B	10	**370**	
Nitrate (as N)	mg/L	8/2/2007 11:59:00 AM	353.2	0.010	< 0.010	**H**
Nitrite (as N)	mg/L	8/2/2007 11:59:00 AM	353.2	0.010	< 0.010	**[1]H**
Oil & Grease	mg/L	8/6/2007 11:10:00 AM	EPA 1664A	3.0	**3.7**	
Phosphate, ortho (as P)	mg/L	8/2/2007 2:07:00 PM	365.1	0.050	< 0.050	**[1]H**
Settleable Solids	ml/L	8/2/2007 12:00:00 PM	SM2540F	0.10	< 0.10	**H**
Sulfate	mg/L	8/11/2007 3:58:00 PM	300.0	5.0	**47**	
TDS	mg/L	8/3/2007 1:45:00 PM	160.1	10	**390**	
TSS	mg/L	8/2/2007 3:30:00 PM	SM2540D	3.0	< 3.0	

H - Sample was received outside of holding time.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Lab Sample ID: L79156-02
Field Sample ID: **Mud Creek**
Collected: 7/30/2007 9:30:00 PM
Received: 8/2/2007

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	8/6/2007 7:00:00 AM	SM2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	8/3/2007 10:40:00 AM	2320B	20	**230**	
Ammonia (as N)	mg/L	8/3/2007 11:09:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	8/3/2007 10:40:00 AM	2320B	20	**230**	
Carbonate (As CaCO3)	mg/L	8/3/2007 10:40:00 AM	2320B	10	< 10	
Chloride	mg/L	8/11/2007 5:38:00 PM	300.0	10	**12**	
Hardness (as CaCO3)	mg/L	8/10/2007 11:13:00 AM	SM2340 B	10	**310**	
Nitrate (as N)	mg/L	8/2/2007 11:59:00 AM	353.2	0.010	**0.15**	H
Nitrite (as N)	mg/L	8/2/2007 11:59:00 AM	353.2	0.010	< 0.010	H
Oil & Grease	mg/L	8/6/2007 11:10:00 AM	EPA 1664A	3.0	**4.9**	
Phosphate, ortho (as P)	mg/L	8/2/2007 2:07:00 PM	365.1	0.050	< 0.050	H
Settleable Solids	ml/L	8/2/2007 12:00:00 PM	SM2540F	0.10	**0.10**	H
Sulfate	mg/L	8/11/2007 6:11:00 PM	300.0	20	**140**	
TDS	mg/L	8/3/2007 1:45:00 PM	160.1	10	**440**	
TSS	mg/L	8/2/2007 3:30:00 PM	SM2540D	3.0	**28**	

H - Sample was received outside of holding time.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-35929	Arsenic	mg/L	6020	0.2113	0.2	0	106	85-115				8/6/2007
LCS-35929	Cadmium	mg/L	6020	0.2078	0.2	0.000039	104	85-115				8/6/2007
LCS-35929	Copper	mg/L	6020	0.2188	0.2	0.000375	109	85-115				8/6/2007
LCS-35929	Lead	mg/L	6020	0.1992	0.2	0.000019	99.6	85-115				8/6/2007
LCS-35929	Manganese	mg/L	6020	0.2110	0.2	0	105	85-115				8/6/2007
LCS-35929	Selenium	mg/L	6020	0.1848	0.2	0	92.4	85-115				8/6/2007
LCS-35929	Zinc	mg/L	6020	0.9930	1	0	99.3	85-115				8/6/2007
LCS-35902	Iron	mg/L	6010B	0.9730	1	0	97.3	75-125				8/7/2007
LCS-35902	Manganese	mg/L	6010B	0.1930	0.2	0	96.5	75-125				8/7/2007
LCS-35929	Aluminum	mg/L	6010B	1.043	1	0	104	75-125				8/10/2007
LCS-35929	Boron	mg/L	6010B	1.091	1	0	109	75-125				8/10/2007
LCS-35929	Calcium	mg/L	6010B	10.16	10	0	102	75-125				8/10/2007
LCS-35929	Iron	mg/L	6010B	1.040	1	0	104	75-125				8/10/2007
LCS-35929	Magnesium	mg/L	6010B	10.07	10	0	101	75-125				8/10/2007
LCS-35929	Molybdenum	mg/L	6010B	0.2006	0.2	0	100	75-125				8/10/2007
LCS-35929	Potassium	mg/L	6010B	10.06	10	0	101	75-125				8/10/2007
LCS-35929	Sodium	mg/L	6010B	10.12	10	0	101	75-125				8/10/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-35929	Arsenic	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Cadmium	mg/L	6020	< 0.0040				-				8/6/2007
MB-35929	Copper	mg/L	6020	< 0.0040				-				8/6/2007
MB-35929	Lead	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Manganese	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Selenium	mg/L	6020	< 0.0050				-				8/6/2007
MB-35929	Zinc	mg/L	6020	< 0.010				-				8/6/2007
MB-35902	Iron	mg/L	6010B	< 0.050				-				8/7/2007
MB-35902	Manganese	mg/L	6010B	< 0.0050				-				8/7/2007
MB-35929	Aluminum	mg/L	6010B	< 0.10				-				8/10/2007
MB-35929	Boron	mg/L	6010B	< 0.50				-				8/10/2007
MB-35929	Calcium	mg/L	6010B	< 1.0				-				8/10/2007
MB-35929	Iron	mg/L	6010B	< 0.050				-				8/10/2007
MB-35929	Magnesium	mg/L	6010B	< 1.0				-				8/10/2007
MB-35929	Molybdenum	mg/L	6010B	< 0.040				-				8/10/2007
MB-35929	Potassium	mg/L	6010B	< 1.0				-				8/10/2007
MB-35929	Sodium	mg/L	6010B	< 1.0				-				8/10/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79128-01FMS	Arsenic	mg/L	6020	0.2131	0.2	0.001031	106	70-130				8/6/2007
L79128-01FMS	Cadmium	mg/L	6020	0.2109	0.2	0	105	70-130				8/6/2007
L79128-01FMS	Copper	mg/L	6020	0.2235	0.2	0.002095	111	70-130				8/6/2007
L79128-01FMS	Lead	mg/L	6020	0.2017	0.2	0	101	70-130				8/6/2007
L79128-01FMS	Manganese	mg/L	6020	0.2134	0.2	0.001039	106	70-130				8/6/2007
L79128-01FMS	Selenium	mg/L	6020	0.1872	0.2	0.000717	93.2	70-130				8/6/2007
L79128-01FMS	Zinc	mg/L	6020	0.9962	1	0	99.6	70-130				8/6/2007
L79128-01EMS	Iron	mg/L	6010B	3.830	1	2.63	120	75-125				8/7/2007
L79128-01EMS	Manganese	mg/L	6010B	0.2800	0.2	0.0858	97.1	75-125				8/7/2007
L79128-01FMS	Calcium	mg/L	6010B	71.65	10	63.88	77.7	75-125				8/10/2007
L79128-01FMS	Magnesium	mg/L	6010B	25.86	10	16.2	96.6	75-125				8/10/2007
L79128-01FMS	Sodium	mg/L	6010B	25.37	10	15.52	98.5	75-125				8/10/2007
L79128-01FMS	Aluminum	mg/L	6010B	1.090	1	0.0546	104	75-125				8/10/2007
L79128-01FMS	Boron	mg/L	6010B	1.190	1	0.0569	113	75-125				8/10/2007
L79128-01FMS	Iron	mg/L	6010B	1.080	1	0.0293	105	75-125				8/10/2007
L79128-01FMS	Molybdenum	mg/L	6010B	0.2060	0.2	0	103	75-125				8/10/2007
L79128-01FMS	Potassium	mg/L	6010B	12.90	10	2.54	104	75-125				8/10/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79128-01FMSD	Arsenic	mg/L	6020	0.2127	0.2	0.001031	106	70-130	0.178	20		8/6/2007
L79128-01FMSD	Cadmium	mg/L	6020	0.2041	0.2	0	102	70-130	3.28	20		8/6/2007
L79128-01FMSD	Copper	mg/L	6020	0.2194	0.2	0.002095	109	70-130	1.84	20		8/6/2007
L79128-01FMSD	Lead	mg/L	6020	0.1971	0.2	0	98.5	70-130	2.34	20		8/6/2007
L79128-01FMSD	Manganese	mg/L	6020	0.2098	0.2	0.001039	104	70-130	1.72	20		8/6/2007
L79128-01FMSD	Selenium	mg/L	6020	0.1807	0.2	0.000717	90.0	70-130	3.52	20		8/6/2007
L79128-01FMSD	Zinc	mg/L	6020	0.9577	1	0	95.8	70-130	3.94	20		8/6/2007
L79128-01EMSD	Iron	mg/L	6010B	3.700	1	2.63	107	75-125	3.45	20		8/7/2007
L79128-01EMSD	Manganese	mg/L	6010B	0.2760	0.2	0.0858	95.1	75-125	1.44	20		8/7/2007
L79128-01FMSD	Calcium	mg/L	6010B	72.29	10	63.88	84.1	75-125	0.889	20		8/10/2007
L79128-01FMSD	Magnesium	mg/L	6010B	26.02	10	16.2	98.3	75-125	0.636	20		8/10/2007
L79128-01FMSD	Sodium	mg/L	6010B	25.28	10	15.52	97.6	75-125	0.354	20		8/10/2007
L79128-01FMSD	Aluminum	mg/L	6010B	1.080	1	0.0546	103	75-125	0.922	20		8/10/2007
L79128-01FMSD	Boron	mg/L	6010B	1.170	1	0.0569	111	75-125	1.69	20		8/10/2007
L79128-01FMSD	Iron	mg/L	6010B	1.070	1	0.0293	104	75-125	0.930	20		8/10/2007
L79128-01FMSD	Molybdenum	mg/L	6010B	0.2030	0.2	0	102	75-125	1.47	20		8/10/2007
L79128-01FMSD	Potassium	mg/L	6010B	12.60	10	2.54	101	75-125	2.35	20		8/10/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L78914-05ADUP	TDS	mg/L	160.1	348.0	0	334		-	4.11	20		8/3/2007
L79156-02ADUP	TDS	mg/L	160.1	442.0	0	438		-	0.909	20		8/3/2007
L79147-02ADUP	TSS	mg/L	SM2540D	5.000	0	6		-	18.2	20		8/2/2007
L79156-02ADUP	TSS	mg/L	SM2540D	27.00	0	28		-	3.64	20		8/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R72590	Alkalinity,(As CaCO3)	mg/L	2320B	51540	50000	0	103	90-110				8/3/2007
LCS-R72900	Chloride	mg/L	300.0	4.782	5	0.01	95.4	90-110				8/11/2007
LCS-R72900	Sulfate	mg/L	300.0	4.997	5	0.013	99.7	90-110				8/11/2007
LCS-R72624	Acidity	mg/L	SM2310B	55.00	50	0	110	80-120				8/6/2007
LCS-35901	Ammonia (as N)	mg/L	350.1	0.9360	1	0.024	91.2	90-110				8/3/2007
LCS-72537	Nitrite (as N)	mg/L	353.2	1.036	1	0	104	90-110				8/2/2007
LCS-72539	Nitrate (as N)	mg/L	353.2	1.028	1	0	103	90-110				8/2/2007
LCS-R72665	Oil & Grease	mg/L	EPA 1664A	40.60	40	0	102	79-114				8/6/2007
LCS-72548	Phosphate, ortho (as P)	mg/L	365.1	1.054	1	0	105	90-110				8/2/2007
LCS-R72674	TDS	mg/L	160.1	208.0	205	0	101	80-120				8/3/2007
LCS-R72578	TSS	mg/L	SM2540D	97.00	100	0	97.0	80-120				8/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R72590	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				8/3/2007
MB-R72590	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				8/3/2007
MB-R72590	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				8/3/2007
MB-R72900	Chloride	mg/L	300.0	< 1.0				-				8/11/2007
MB-R72900	Sulfate	mg/L	300.0	< 1.0				-				8/11/2007
MB-R72624	Acidity	mg/L	SM2310B	< 15				-				8/6/2007
MB-35901	Ammonia (as N)	mg/L	350.1	< 0.050				-				8/3/2007
MB-72537	Nitrite (as N)	mg/L	353.2	< 0.010				-				8/2/2007
MB-72539	Nitrate (as N)	mg/L	353.2	< 0.010				-				8/2/2007
MB-R72665	Oil & Grease	mg/L	EPA 1664A	< 3.0				-				8/6/2007
MB-72548	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				8/2/2007
MB-R72674	TDS	mg/L	160.1	< 10				-				8/3/2007
MB-R72578	TSS	mg/L	SM2540D	< 3.0				-				8/2/2007

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79156-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	439.0	100	336	103	80-120				8/3/2007
L79128-01BMS	Chloride	mg/L	300.0	33.92	25	9.392	98.1	90-110				8/11/2007
L79128-01BMS	Sulfate	mg/L	300.0	45.86	25	18.71	109	90-110				8/11/2007
L79156-01BMS	Acidity	mg/L	SM2310B	50.00	50	0	100	80-120				8/6/2007
L79144-03DMS	Ammonia (as N)	mg/L	350.1	2.206	1	1.243	96.3	90-110				8/3/2007
L79156-01CMS	Ammonia (as N)	mg/L	350.1	1.023	1	0.042	98.1	90-110				8/3/2007
L79156-01BMS	Nitrite (as N)	mg/L	353.2	1.120	1	0	112	90-110			[1]H	8/2/2007
L79144-01BMS	Nitrate (as N)	mg/L	353.2	1.065	1	0	106	90-110				8/2/2007
L79156-01BMS	Nitrate (as N)	mg/L	353.2	1.014	1	0	101	90-110			H	8/2/2007
L79156-01BMS	Phosphate, ortho (as P)	mg/L	365.1	1.133	1	0	113	90-110			[1]H	8/2/2007

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

H - Sample was received outside of holding time.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L79156-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	434.0	100	336	98.0	80-120	1.15	10		8/3/2007
L79128-01BMSD	Chloride	mg/L	300.0	34.20	25	9.392	99.2	90-110	0.819	20		8/11/2007
L79128-01BMSD	Sulfate	mg/L	300.0	45.78	25	18.71	108	90-110	0.170	20		8/11/2007
L79156-01BMSD	Acidity	mg/L	SM2310B	48.00	50	0	96.0	80-120	4.08	20		8/6/2007
L79144-03DMSD	Ammonia (as N)	mg/L	350.1	2.156	1	1.243	91.3	90-110	2.29	10		8/3/2007
L79156-01CMSD	Ammonia (as N)	mg/L	350.1	1.062	1	0.042	102	90-110	3.74	10		8/3/2007
L79156-01BMSD	Nitrite (as N)	mg/L	353.2	1.058	1	0	106	90-110	5.69	10	H	8/2/2007
L79144-01BMSD	Nitrate (as N)	mg/L	353.2	1.042	1	0	104	90-110	2.18	10		8/2/2007
L79156-01BMSD	Nitrate (as N)	mg/L	353.2	1.009	1	0	101	90-110	0.494	10	H	8/2/2007
L79156-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.071	1	0	107	90-110	5.63	10	H	8/2/2007

H - Sample was received outside of holding time.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC

SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R72665	Oil & Grease	mg/L	EPA 1664A	38.10	40	0	95.2	79-114				8/6/2007

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Kyle F. Gross
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Peggy McNicol
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L79156
Project: Scofield Baseline

Dept: WC

SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R72665	Oil & Grease	mg/L	EPA 1664A	36.60	40	0	91.5	79-114	0	18		8/6/2007

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American West Analytical Labs

WORK ORDER Summary

02-Aug-07

Work Order L79156

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+. Footnote report: SS, NO3, NO2, PO4-O received outside of hold. HOK-DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L79156-01A	Sulfur Spring	7/30/2007 9:00:00 PM	8/2/2007	8/16/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				8/16/2007		TDS-W	ww - tss/tds/ss	1
				8/16/2007		TSS-W-2540D	ww - tss/tds/ss	1
L79156-01B				8/16/2007		2320B-ALK-W	aug 2 - wc	1
				8/16/2007		300.0-W	aug 2 - wc	1
				8/16/2007		ACIDITY-W-2310B	aug 2 - wc	1
				8/16/2007		NO2-W	aug 2 - wc	1
				8/16/2007		NO3-W	aug 2 - wc	1
				8/16/2007		PO4-O	aug 2 - wc	1
L79156-01C				8/16/2007		NH3-W	aug 2 - nh3	1
				8/16/2007		NH3-W-PREP	aug 2 - nh3	1
L79156-01D				8/16/2007		OGB-W	ogb	1
L79156-01E				8/16/2007		3005A-ICPMS	aug 2 - met	1
				8/16/2007		ICP-W	aug 2 - met	1
L79156-01F				8/16/2007	Aqueous-Dissolved	3005A-Diss	aug 2 - dis met	1
				8/16/2007		6020-W-DISS	aug 2 - dis met	1
				8/16/2007		HARD	aug 2 - dis met	1
				8/16/2007		ICP-W-DIS	aug 2 - dis met	1
L79156-02A	Mud Creek	7/30/2007 9:30:00 PM		8/16/2007	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				8/16/2007		TDS-W	ww - tss/tds/ss	1
				8/16/2007		TSS-W-2540D	ww - tss/tds/ss	1
L79156-02B				8/16/2007		2320B-ALK-W	aug 2 - wc	1
				8/16/2007		300.0-W	aug 2 - wc	1
				8/16/2007		ACIDITY-W-2310B	aug 2 - wc	1
				8/16/2007		NO2-W	aug 2 - wc	1
				8/16/2007		NO3-W	aug 2 - wc	1
				8/16/2007		PO4-O	aug 2 - wc	1

WORK ORDER Summary

02-Aug-07

Work Order L79156

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+. Footnote report: SS, NO3, NO2, PO4-O received outside of hold.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L79156-02C	Mud Creek	7/30/2007 9:30:00 PM	8/2/2007	8/16/2007	Aqueous	NH3-W	aug 2 - nh3	1
				8/16/2007		NH3-W-PREP	aug 2 - nh3	1
L79156-02D				8/16/2007		OGB-W	ogb	1
L79156-02E				8/16/2007		3005A-ICPMS	aug 2 - met	1
				8/16/2007		ICP-W	aug 2 - met	1
L79156-02F				8/16/2007	Aqueous-Dissolved	3005A-Diss	aug 2 - dis met	1
				8/16/2007		6020-W-DISS	aug 2 - dis met	1
				8/16/2007		HARD	aug 2 - dis met	1
				8/16/2007		ICP-W-DIS	aug 2 - dis met	1

Client ROCK LOGIC CONSULTING

Address P.O. BOX 544

CEDAREDGE / CO / 81413
City / State / Zip

Phone (435) 851-9014 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGIC CONSULTING@GMAIL.COM

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # ~~79128~~ RW

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 2	QC LEVEL	COMMENTS
MILLER OUTLET	7/30/07 20:15	W	6		1 2 2+ 3 3+ 4	79128
RES-1	20:45					
* SULFUR SPRING	21:00					79156
* MUD CREEK	21:30					

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes: on ice

3 Temperature 8°2.0°C RW 8.2.07

4 Received Broken/Leaking (Improperly Sealed)
Y (N) RW
Notes:

5 Properly Preserved
Y N
Notes: I L HOPE FOR MUD CREEK WAS CRACKED. SAMPLE COMPROMISED.

6 Received Within Holding Times
Y RW (N)
Notes: SS, NO2, NO3, PO4-O

COC Tape Was:
1 Present on Outer Package
(Y) N NA

2 Unbroken on Outer Package
(Y) N NA

3 Present on Sample
Y N (NA)

4 Unbroken on Sample
Y N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 9:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 8/1/07	Received By: Signature
PRINT NAME	Time 1056	PRINT NAME Elaine Hayhurst

Special Instructions:

PLEASE FILTER

*SULFUR SPRING AND MUD CREEK NOT RECEIVED 8/1/07-RW
SAMPLES RECEIVED 8/2/07
79156 RW

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
\- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 79156

Preservation Check Sheet

			Sample Set Extension and pH														
Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia[1]	pH <2 H_2SO_4	✓															
COD[1]	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3[1]	pH <2 H_2SO_4																
Nutrients[1]	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols[2]	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN[1]	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX[2]	pH <2 H_2SO_4																
T PO_4[1]	pH <2 H_2SO_4																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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November 12, 2008

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L87283

Dear Brad Lindsay:

American West Analytical Labs received 5 samples on 10/30/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Approved by: _____
Laboratory Director or designee

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L87283-01F
Field Sample ID: **Mud Creek**
Collected: 10/29/2008 2:15:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/5/2008 2:14:00 PM	6010B	0.050	**0.25**
Manganese	mg/L	11/5/2008 2:14:00 PM	6010B	0.0050	**0.020**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Lab Sample ID: L87283-02F
Field Sample ID: **Sulfur Spring**
Collected: 10/29/2008 2:40:00 PM
Received: 10/30/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/5/2008 2:30:00 PM	6010B	0.050	< 0.050
Manganese	mg/L	11/5/2008 2:30:00 PM	6010B	0.0050	**0.029**

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L87283-03F
Field Sample ID: **RES-1**
Collected: 10/29/2008 3:00:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/5/2008 2:34:00 PM	6010B	0.050	**3.3**
Manganese	mg/L	11/5/2008 2:34:00 PM	6010B	0.0050	**0.65**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-04F
Field Sample ID: **Miller Outlet**
Collected: 10/29/2008 3:15:00 PM
Received: 10/30/2008

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/5/2008 2:37:00 PM	6010B	0.050	**0.67**
Manganese	mg/L	11/5/2008 2:37:00 PM	6010B	0.0050	**0.026**

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-05F
Field Sample ID: **Aspen Spring**
Collected: 10/29/2008 12:00:00 PM
Received: 10/30/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	11/5/2008 2:49:00 PM	6010B	0.050	**2.5**
Manganese	mg/L	11/5/2008 2:49:00 PM	6010B	0.0050	**0.65**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-01E
Field Sample ID: **Mud Creek**
Collected: 10/29/2008 2:15:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/5/2008 1:17:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	10/31/2008 8:07:26 PM	6020	0.00060	< 0.00060
Boron	mg/L	11/5/2008 1:17:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	10/31/2008 8:07:26 PM	6020	0.00018	< 0.00018
Calcium	mg/L	11/5/2008 12:39:00 PM	6010B	10	**66** ~
Copper	mg/L	10/31/2008 8:07:26 PM	6020	0.00080	< 0.00080
Iron	mg/L	11/5/2008 1:17:00 PM	6010B	0.050	< 0.050
Lead	mg/L	10/31/2008 8:07:26 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	11/5/2008 1:17:00 PM	6010B	1.0	**38**
Manganese	mg/L	10/31/2008 8:07:26 PM	6020	0.0012	**0.012**
Molybdenum	mg/L	11/5/2008 1:17:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/5/2008 1:17:00 PM	6010B	1.0	**6.9**
Selenium	mg/L	10/31/2008 8:07:26 PM	6020	0.00080	< 0.00080
Sodium	mg/L	11/5/2008 1:17:00 PM	6010B	1.0	**37**
Zinc	mg/L	10/31/2008 8:07:26 PM	6020	0.0054	< 0.0054

~ - The reporting limits were raised due to high analyte concentrations.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-02E
Field Sample ID: **Sulfur Spring**
Collected: 10/29/2008 2:40:00 PM
Received: 10/30/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
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Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/5/2008 1:33:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	10/31/2008 8:34:28 PM	6020	0.00060	< 0.00060
Boron	mg/L	11/5/2008 1:33:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	10/31/2008 8:34:28 PM	6020	0.00018	< 0.00018
Calcium	mg/L	11/5/2008 12:50:00 PM	6010B	10	**89** ~
Copper	mg/L	10/31/2008 8:34:28 PM	6020	0.00080	< 0.00080
Iron	mg/L	11/5/2008 1:33:00 PM	6010B	0.050	< 0.050
Lead	mg/L	10/31/2008 8:34:28 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	11/5/2008 1:33:00 PM	6010B	1.0	**36**
Manganese	mg/L	10/31/2008 8:34:28 PM	6020	0.0012	**0.028**
Molybdenum	mg/L	11/5/2008 1:33:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/5/2008 1:33:00 PM	6010B	1.0	**5.0**
Selenium	mg/L	10/31/2008 8:34:28 PM	6020	0.00080	< 0.00080
Sodium	mg/L	11/5/2008 1:33:00 PM	6010B	1.0	**9.1**
Zinc	mg/L	10/31/2008 8:34:28 PM	6020	0.0054	< 0.0054

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-03E
Field Sample ID: **RES-1**
Collected: 10/29/2008 3:00:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/5/2008 1:37:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	10/31/2008 8:39:52 PM	6020	0.00060	**0.0013**
Boron	mg/L	11/5/2008 1:37:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	10/31/2008 8:39:52 PM	6020	0.00018	< 0.00018
Calcium	mg/L	11/5/2008 12:54:00 PM	6010B	10	**79** ~
Copper	mg/L	10/31/2008 8:39:52 PM	6020	0.00080	< 0.00080
Iron	mg/L	11/5/2008 1:37:00 PM	6010B	0.050	< 0.050
Lead	mg/L	10/31/2008 8:39:52 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	11/5/2008 1:37:00 PM	6010B	1.0	**33**
Manganese	mg/L	10/31/2008 8:39:52 PM	6020	0.0012	**0.47**
Molybdenum	mg/L	11/5/2008 1:37:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/5/2008 1:37:00 PM	6010B	1.0	**7.2**
Selenium	mg/L	10/31/2008 8:39:52 PM	6020	0.00080	< 0.00080
Sodium	mg/L	11/5/2008 1:37:00 PM	6010B	1.0	**22**
Zinc	mg/L	10/31/2008 8:39:52 PM	6020	0.0054	< 0.0054

~ - *The reporting limits were raised due to high analyte concentrations.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-04E
Field Sample ID: **Miller Outlet**
Collected: 10/29/2008 3:15:00 PM
Received: 10/30/2008

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/5/2008 1:41:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	10/31/2008 8:45:17 PM	6020	0.00060	**0.00063**
Boron	mg/L	11/5/2008 1:41:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	10/31/2008 8:45:17 PM	6020	0.00018	< 0.00018
Calcium	mg/L	11/5/2008 12:58:00 PM	6010B	10	**74** ~
Copper	mg/L	10/31/2008 8:45:17 PM	6020	0.00080	< 0.00080
Iron	mg/L	11/5/2008 1:41:00 PM	6010B	0.050	< 0.050
Lead	mg/L	10/31/2008 8:45:17 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	11/5/2008 1:41:00 PM	6010B	1.0	**17**
Manganese	mg/L	10/31/2008 8:45:17 PM	6020	0.0012	**0.0054**
Molybdenum	mg/L	11/5/2008 1:41:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/5/2008 1:41:00 PM	6010B	1.0	**2.0**
Selenium	mg/L	10/31/2008 8:45:17 PM	6020	0.00080	< 0.00080
Sodium	mg/L	11/5/2008 1:41:00 PM	6010B	1.0	**6.4**
Zinc	mg/L	10/31/2008 8:45:17 PM	6020	0.0054	**0.010**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-05E
Field Sample ID: **Aspen Spring**
Collected: 10/29/2008 12:00:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	11/5/2008 1:45:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	10/31/2008 9:03:43 PM	6020	0.00060	**0.00094**
Boron	mg/L	11/5/2008 1:45:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	10/31/2008 9:03:43 PM	6020	0.00018	< 0.00018
Calcium	mg/L	11/5/2008 1:02:00 PM	6010B	10	**92** ~
Copper	mg/L	10/31/2008 9:03:43 PM	6020	0.00080	**0.00089**
Iron	mg/L	11/5/2008 1:45:00 PM	6010B	0.050	**0.057**
Lead	mg/L	10/31/2008 9:03:43 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	11/5/2008 1:45:00 PM	6010B	1.0	**15**
Manganese	mg/L	10/31/2008 9:03:43 PM	6020	0.0012	**0.025**
Molybdenum	mg/L	11/5/2008 1:45:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	11/5/2008 1:45:00 PM	6010B	1.0	**6.0**
Selenium	mg/L	10/31/2008 9:03:43 PM	6020	0.00080	< 0.00080
Sodium	mg/L	11/5/2008 1:45:00 PM	6010B	1.0	**8.6**
Zinc	mg/L	10/31/2008 9:03:43 PM	6020	0.0054	**0.022**

~ - *The reporting limits were raised due to high analyte concentrations.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-01
Field Sample ID: **Mud Creek**
Collected: 10/29/2008 2:15:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	10/31/2008 12:00:00 PM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**250**
Ammonia (as N)	mg/L	11/7/2008 9:59:00 AM	350.1	0.050	< 0.050 [1]
Bicarbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**250**
Carbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/11/2008 10:40:15 AM	300.0	0.50	**14**
Hardness (as CaCO3)	mg/L	11/5/2008	2340B	10	**320**
Nitrate (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	**0.20**
Nitrite (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/2/2008 4:03:00 PM	1664A	3.0	**6.2**
Phosphate, ortho (as P)	mg/L	10/30/2008 2:50:00 PM	365.1	0.050	< 0.050 [1]
Settleable Solids	ml/L	10/30/2008 11:00:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/11/2008 5:36:45 AM	300.0	75	**130**
TDS	mg/L	10/31/2008 2:30:00 PM	160.1	20	**460**
TSS	mg/L	10/30/2008 3:45:00 PM	2540D	3.0	**15**

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-02
Field Sample ID: **Sulfur Spring**
Collected: 10/29/2008 2:40:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	10/31/2008 12:00:00 PM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	11/7/2008 9:59:00 AM	350.1	0.050	**0.074**
Bicarbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/11/2008 11:05:32 AM	300.0	0.50	**6.5**
Hardness (as CaCO3)	mg/L	11/5/2008	2340B	10	**370**
Nitrate (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/2/2008 4:03:00 PM	1664A	3.0	**4.4**
Phosphate, ortho (as P)	mg/L	10/31/2008 8:16:00 AM	365.1	0.050	< 0.050 [1]
Settleable Solids	ml/L	10/30/2008 11:00:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/11/2008 11:05:32 AM	300.0	3.8	**47**
TDS	mg/L	10/31/2008 2:30:00 PM	160.1	20	**390**
TSS	mg/L	10/30/2008 3:45:00 PM	2540D	3.0	< 3.0

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-03
Field Sample ID: **RES-1**
Collected: 10/29/2008 3:00:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	10/31/2008 12:00:00 PM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**300**
Ammonia (as N)	mg/L	11/7/2008 9:59:00 AM	350.1	0.050	**0.12**
Bicarbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**300**
Carbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/11/2008 8:33:44 AM	300.0	2.0	**31**
Hardness (as CaCO3)	mg/L	11/5/2008	2340B	10	**330**
Nitrate (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	**0.015**
Nitrite (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/2/2008 4:03:00 PM	1664A	3.0	**4.3**
Phosphate, ortho (as P)	mg/L	10/31/2008 8:16:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	10/30/2008 11:00:00 AM	2540F	0.10	**0.20**
Sulfate	mg/L	11/11/2008 8:33:44 AM	300.0	15	**57**
TDS	mg/L	10/31/2008 2:30:00 PM	160.1	20	**420**
TSS	mg/L	10/30/2008 3:45:00 PM	2540D	3.0	**99**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L87283-04
Field Sample ID: **Miller Outlet**
Collected: 10/29/2008 3:15:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	10/31/2008 12:00:00 PM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**230**
Ammonia (as N)	mg/L	11/7/2008 9:59:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	10	**18**
Chloride	mg/L	11/11/2008 11:30:50 AM	300.0	0.50	**9.8**
Hardness (as CaCO3)	mg/L	11/5/2008	2340B	10	**250**
Nitrate (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	**0.15**
Nitrite (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/2/2008 4:03:00 PM	1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	10/31/2008 8:16:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	10/30/2008 11:00:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/11/2008 11:30:50 AM	300.0	3.8	**23**
TDS	mg/L	10/31/2008 2:30:00 PM	160.1	20	**290**
TSS	mg/L	10/30/2008 3:45:00 PM	2540D	3.0	**18**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L87283-05
Field Sample ID: **Aspen Spring**
Collected: 10/29/2008 12:00:00 PM
Received: 10/30/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	10/31/2008 12:00:00 PM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**280**
Ammonia (as N)	mg/L	11/7/2008 9:59:00 AM	350.1	0.050	< 0.050
Bicarbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	20	**280**
Carbonate (As CaCO3)	mg/L	10/31/2008 8:00:00 AM	2320B	10	< 10
Chloride	mg/L	11/11/2008 11:56:08 AM	300.0	0.50	**25**
Hardness (as CaCO3)	mg/L	11/5/2008	2340B	10	**290**
Nitrate (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	10/31/2008 9:22:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	11/2/2008 4:03:00 PM	1664A	3.0	**4.0**
Phosphate, ortho (as P)	mg/L	10/31/2008 8:16:00 AM	365.1	0.050	< 0.050
Settleable Solids	ml/L	10/30/2008 11:00:00 AM	2540F	0.10	< 0.10
Sulfate	mg/L	11/11/2008 11:56:08 AM	300.0	3.8	**8.7**
TDS	mg/L	10/31/2008 2:30:00 PM	160.1	20	**370**
TSS	mg/L	10/30/2008 3:45:00 PM	2540D	3.0	**26**

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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-43223	Arsenic	mg/L	6020	0.2096	0.2	0	105	85-115				10/31/2008
LCS-43223	Cadmium	mg/L	6020	0.2045	0.2	0	102	85-115				10/31/2008
LCS-43223	Copper	mg/L	6020	0.2042	0.2	0	102	85-115				10/31/2008
LCS-43223	Lead	mg/L	6020	0.2193	0.2	0	110	85-115				10/31/2008
LCS-43223	Manganese	mg/L	6020	0.2035	0.2	0	102	85-115				10/31/2008
LCS-43223	Selenium	mg/L	6020	0.1954	0.2	0	97.7	85-115				10/31/2008
LCS-43223	Zinc	mg/L	6020	1.047	1	0	105	85-115				10/31/2008
LCS-43221	Iron	mg/L	6010B	1.200	1	0	120	75-125				11/5/2008
LCS-43221	Manganese	mg/L	6010B	0.2230	0.2	0	112	75-125				11/5/2008
LCS-43223	Aluminum	mg/L	6010B	1.060	1	0	106	75-125				11/5/2008
LCS-43223	Boron	mg/L	6010B	1.020	1	0	102	75-125				11/5/2008
LCS-43223	Calcium	mg/L	6010B	11.00	10	0	110	75-125				11/5/2008
LCS-43223	Iron	mg/L	6010B	1.200	1	0	120	75-125				11/5/2008
LCS-43223	Magnesium	mg/L	6010B	11.60	10	0	116	75-125				11/5/2008
LCS-43223	Molybdenum	mg/L	6010B	0.2300	0.2	0	115	75-125				11/5/2008
LCS-43223	Potassium	mg/L	6010B	10.40	10	0	104	75-125				11/5/2008
LCS-43223	Sodium	mg/L	6010B	10.50	10	0	105	75-125				11/5/2008

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-43223	Arsenic	mg/L	6020	< 0.00060				-				10/31/2008
MB-43223	Cadmium	mg/L	6020	< 0.00018				-				10/31/2008
MB-43223	Copper	mg/L	6020	< 0.00080				-				10/31/2008
MB-43223	Lead	mg/L	6020	< 0.00040				-				10/31/2008
MB-43223	Manganese	mg/L	6020	< 0.0012				-				10/31/2008
MB-43223	Selenium	mg/L	6020	< 0.00080				-				10/31/2008
MB-43223	Zinc	mg/L	6020	< 0.0050				-				10/31/2008
MB-43221	Iron	mg/L	6010B	< 0.050				-				11/5/2008
MB-43221	Manganese	mg/L	6010B	< 0.0050				-				11/5/2008
MB-43223	Aluminum	mg/L	6010B	< 0.10				-				11/5/2008
MB-43223	Boron	mg/L	6010B	< 0.50				-				11/5/2008
MB-43223	Calcium	mg/L	6010B	< 1.0				-				11/5/2008
MB-43223	Iron	mg/L	6010B	< 0.050				-				11/5/2008
MB-43223	Magnesium	mg/L	6010B	< 1.0				-				11/5/2008
MB-43223	Molybdenum	mg/L	6010B	< 0.040				-				11/5/2008
MB-43223	Potassium	mg/L	6010B	< 1.0				-				11/5/2008
MB-43223	Sodium	mg/L	6010B	< 1.0				-				11/5/2008

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L87283-01EMS	Arsenic	mg/L	6020	0.2101	0.2	0.000506	105	70-130				10/31/2008
L87283-01EMS	Cadmium	mg/L	6020	0.1977	0.2	0	98.9	70-130				10/31/2008
L87283-01EMS	Copper	mg/L	6020	0.2027	0.2	0.000797	101	70-130				10/31/2008
L87283-01EMS	Lead	mg/L	6020	0.2057	0.2	0	103	70-130				10/31/2008
L87283-01EMS	Manganese	mg/L	6020	0.2187	0.2	0.01178	103	70-130				10/31/2008
L87283-01EMS	Selenium	mg/L	6020	0.1986	0.2	0.000252	99.2	70-130				10/31/2008
L87283-01EMS	Zinc	mg/L	6020	1.014	1	0	101	70-130				10/31/2008
L87283-01FMS	Iron	mg/L	6010B	1.460	1	0.252	121	75-125				11/5/2008
L87283-01FMS	Manganese	mg/L	6010B	0.2420	0.2	0.0198	111	75-125				11/5/2008
L87283-01EMS	Calcium	mg/L	6010B	75.90	10	65.7	102	75-125				11/5/2008
L87283-01EMS	Aluminum	mg/L	6010B	1.070	1	0	107	75-125				11/5/2008
L87283-01EMS	Boron	mg/L	6010B	1.220	1	0.0885	113	75-125				11/5/2008
L87283-01EMS	Iron	mg/L	6010B	1.190	1	0	119	75-125				11/5/2008
L87283-01EMS	Magnesium	mg/L	6010B	48.20	10	37.9	103	75-125				11/5/2008
L87283-01EMS	Molybdenum	mg/L	6010B	0.2570	0.2	0.0285	114	75-125				11/5/2008
L87283-01EMS	Potassium	mg/L	6010B	19.00	10	6.85	122	75-125				11/5/2008
L87283-01EMS	Sodium	mg/L	6010B	47.80	10	37.2	106	75-125				11/5/2008

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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L87283-01EMSD	Arsenic	mg/L	6020	0.2046	0.2	0.000506	102	70-130	2.66	20		10/31/2008
L87283-01EMSD	Cadmium	mg/L	6020	0.1949	0.2	0	97.5	70-130	1.42	20		10/31/2008
L87283-01EMSD	Copper	mg/L	6020	0.2005	0.2	0.000797	99.8	70-130	1.11	20		10/31/2008
L87283-01EMSD	Lead	mg/L	6020	0.2021	0.2	0	101	70-130	1.74	20		10/31/2008
L87283-01EMSD	Manganese	mg/L	6020	0.2160	0.2	0.01178	102	70-130	1.26	20		10/31/2008
L87283-01EMSD	Selenium	mg/L	6020	0.1951	0.2	0.000252	97.4	70-130	1.76	20		10/31/2008
L87283-01EMSD	Zinc	mg/L	6020	0.9837	1	0	98.4	70-130	3.02	20		10/31/2008
L87283-01FMSD	Iron	mg/L	6010B	1.420	1	0.252	117	75-125	2.78	20		11/5/2008
L87283-01FMSD	Manganese	mg/L	6010B	0.2410	0.2	0.0198	111	75-125	0.414	20		11/5/2008
L87283-01EMSD	Calcium	mg/L	6010B	76.40	10	65.7	107	75-125	0.657	20		11/5/2008
L87283-01EMSD	Aluminum	mg/L	6010B	1.060	1	0	106	75-125	0.939	20		11/5/2008
L87283-01EMSD	Boron	mg/L	6010B	1.200	1	0.0885	111	75-125	1.65	20		11/5/2008
L87283-01EMSD	Iron	mg/L	6010B	1.150	1	0	115	75-125	3.42	20		11/5/2008
L87283-01EMSD	Magnesium	mg/L	6010B	48.10	10	37.9	102	75-125	0.208	20		11/5/2008
L87283-01EMSD	Molybdenum	mg/L	6010B	0.2490	0.2	0.0285	110	75-125	3.16	20		11/5/2008
L87283-01EMSD	Potassium	mg/L	6010B	18.90	10	6.85	120	75-125	0.528	20		11/5/2008
L87283-01EMSD	Sodium	mg/L	6010B	48.70	10	37.2	115	75-125	1.87	20		11/5/2008

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Jose Rocha
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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC

SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L87261-03GDUP	TDS	mg/L	160.1	760.0	0	724		-	4.85	20		10/31/2008
L87283-05ADUP	TDS	mg/L	160.1	356.0	0	368		-	3.31	20		10/31/2008
L87311-04LDUP	TDS	mg/L	160.1	932.0	0	900		-	3.49	20		10/31/2008
L87266-02ADUP	TSS	mg/L	2540D	< 3.0	0	2		-	0	20		10/30/2008
L87267-01ADUP	TSS	mg/L	2540D	76.00	0	80		-	5.13	20		10/30/2008
L87283-01ADUP	TSS	mg/L	2540D	13.00	0	15		-	14.3	20		10/30/2008

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R88501	Alkalinity,(As CaCO3)	mg/L	2320B	50750	50000	0	102	90-110				10/31/2008
LCS-R88946	Chloride	mg/L	300.0	4.893	5	0	97.9	90-110				11/11/2008
LCS-R88946	Sulfate	mg/L	300.0	5.036	5	0	101	90-110				11/11/2008
LCS-R88574	Acidity	mg/L	2310B	20.00	20	0	100	80-120				10/31/2008
LCS-43317	Ammonia (as N)	mg/L	350.1	1.006	1	0	101	90-110				11/7/2008
LCS-88508	Nitrite (as N)	mg/L	353.2	0.9979	1	0	99.8	90-110				10/31/2008
LCS-88509	Nitrate (as N)	mg/L	353.2	1.019	1	0	102	90-110				10/31/2008
LCS-88609	Oil & Grease	mg/L	1664A	42.60	40	0	106	78-114				11/2/2008
LCS-R88465	Phosphate, ortho (as P)	mg/L	365.1	1.006	1	0.0462	96.0	90-110				10/30/2008
LCS-88500	Phosphate, ortho (as P)	mg/L	365.1	1.014	1	0.0068	101	90-110				10/31/2008
LCS-R88623	TDS	mg/L	160.1	204.0	205	0	99.5	80-120				10/31/2008
LCS-R88505	TSS	mg/L	2540D	98.00	100	0	98.0	80-120				10/30/2008

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QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R88501	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				10/31/2008
MB-R88501	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				10/31/2008
MB-R88501	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				10/31/2008
MB-R88946	Chloride	mg/L	300.0	< 0.10				-				11/11/2008
MB-R88946	Sulfate	mg/L	300.0	< 0.75				-				11/11/2008
MB-R88574	Acidity	mg/L	2310B	< 15				-				10/31/2008
MB-43317	Ammonia (as N)	mg/L	350.1	< 0.050				-				11/7/2008
MB-88508	Nitrite (as N)	mg/L	353.2	< 0.010				-				10/31/2008
MB-88509	Nitrate (as N)	mg/L	353.2	< 0.010				-				10/31/2008
MB-88609	Oil & Grease	mg/L	1664A	< 3.0				-				11/2/2008
MB-R88465	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				10/30/2008
MB-88500	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				10/31/2008
MB-R88623	TDS	mg/L	160.1	< 10				-				10/31/2008
M-R88505	TSS	mg/L	2540D	< 3.0				-				10/30/2008

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463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L87283-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	354.0	100	249	105	80-120				10/31/2008
L87283-01BMS	Chloride	mg/L	300.0	504.4	500	13.76	98.1	90-110				11/11/2008
L87283-01BMS	Sulfate	mg/L	300.0	624.6	500	129.3	99.1	90-110				11/11/2008
L87283-05BMS	Acidity	mg/L	2310B	50.00	50	0	100	80-120				10/31/2008
L87238-05FMS	Ammonia (as N)	mg/L	350.1	0.9282	1	0	92.8	90-110				11/7/2008
L87261-03EMS	Ammonia (as N)	mg/L	350.1	1.276	1	0.4669	81.0	90-110			1	11/7/2008
L87283-01DMS	Ammonia (as N)	mg/L	350.1	0.8935	1	0	89.4	90-110			1	11/7/2008
L87299-01IMS	Ammonia (as N)	mg/L	350.1	1.327	1	0.4357	89.1	90-110			1	11/7/2008
L87283-01BMS	Nitrite (as N)	mg/L	353.2	1.028	1	0	103	90-110				10/31/2008
L87283-01BMS	Nitrate (as N)	mg/L	353.2	1.245	1	0.1955	105	90-110				10/31/2008
L87311-04FMS	Nitrate (as N)	mg/L	353.2	1.006	1	0.0822	92.3	90-110				10/31/2008
L87283-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.8012	1	0.0433	75.8	90-110			1	10/30/2008
L87283-02BMS	Phosphate, ortho (as P)	mg/L	365.1	0.7902	1	0.0104	78.0	90-110			1	10/31/2008

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L87283-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	354.0	100	249	105	80-120	0	10		10/31/2008
L87283-01BMSD	Chloride	mg/L	300.0	500.2	500	13.76	97.3	90-110	0.828	20		11/11/2008
L87283-01BMSD	Sulfate	mg/L	300.0	619.6	500	129.3	98.1	90-110	0.803	20		11/11/2008
L87283-05BMSD	Acidity	mg/L	2310B	48.00	50	0	96.0	80-120	4.08	20		10/31/2008
L87238-05FMSD	Ammonia (as N)	mg/L	350.1	0.9491	1	0	94.9	90-110	2.23	10		11/7/2008
L87261-03EMSD	Ammonia (as N)	mg/L	350.1	1.272	1	0.4669	80.5	90-110	0.377	10	[1]	11/7/2008
L87283-01DMSD	Ammonia (as N)	mg/L	350.1	0.9356	1	0	93.6	90-110	4.60	10		11/7/2008
L87299-01IMSD	Ammonia (as N)	mg/L	350.1	1.296	1	0.4357	86.1	90-110	2.33	10	[1]	11/7/2008
L87283-01BMSD	Nitrite (as N)	mg/L	353.2	1.016	1	0	102	90-110	1.11	10		10/31/2008
L87283-01BMSD	Nitrate (as N)	mg/L	353.2	1.239	1	0.1955	104	90-110	0.515	10		10/31/2008
L87311-04FMSD	Nitrate (as N)	mg/L	353.2	1.004	1	0.0822	92.2	90-110	0.149	10		10/31/2008
L87283-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.8339	1	0.0433	79.1	90-110	4.00	10	[1]	10/30/2008
L87283-02BMSD	Phosphate, ortho (as P)	mg/L	365.1	0.7940	1	0.0104	78.4	90-110	0.480	10	[1]	10/31/2008

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-88609	Oil & Grease	mg/L	1664A	44.90	40	0	112	79-114				11/2/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L87283
Project: Scofield Baseline

Dept: WC

SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-88609	Oil & Grease	mg/L	1664A	44.50	40	0	111	78-114	0.895	18		11/2/2008

All analyses applica[redacted]CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached[redacted]s report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member[redacted] or reproduction of this report in connec[redacted]the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose o[redacted]r the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection[redacted]alysis in good faith and according to the rules of the trade and of science.

American West Analytical Labs

WORK ORDER Summary

31-Oct-08

Work Order L87283

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L87283-01A	Mud Creek	10/29/2008 2:15:00 PM	10/30/2008	11/13/2008	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				11/13/2008		TDS-W	ww - tss/tds/ss	1
				11/13/2008		TSS-W-2540D	ww - tss/tds/ss	1
L87283-01B				11/13/2008		2320B-ALK-W	oct 30 - wc	1
				11/13/2008		300.0-W	oct 30 - wc	1
				11/13/2008		ACIDITY-W-2310B	oct 30 - wc	1
				11/13/2008		NO2-W	oct 30 - wc	1
				11/13/2008		NO3-W	oct 30 - wc	1
				11/13/2008		PO4-O	oct 30 - wc	1
L87283-01C				11/13/2008		OGB-W	OGBFridge	1
L87283-01D				11/13/2008		NH3-W	oct 30 - nh3	1
				11/13/2008		NH3-W-PREP	oct 30 - nh3	1
L87283-01E				11/13/2008	Aqueous-Dissolved	3005A-Diss	oct 30 - dis met	1
				11/13/2008		6020-W-DISS	oct 30 - dis met	1
				11/13/2008		HARD	oct 30 - dis met	1
				11/13/2008		ICP-W-DIS	oct 30 - dis met	1
L87283-01F				11/13/2008	Aqueous	3005A-ICPMS	oct 30 - met	1
				11/13/2008		ICP-W	oct 30 - met	1
L87283-02A	Sulfur Spring	10/29/2008 2:40:00 PM		11/13/2008		SS-W-2540F	ww - tss/tds/ss	1
				11/13/2008		TDS-W	ww - tss/tds/ss	1
				11/13/2008		TSS-W-2540D	ww - tss/tds/ss	1
L87283-02B				11/13/2008		2320B-ALK-W	oct 30 - wc	1
				11/13/2008		300.0-W	oct 30 - wc	1
				11/13/2008		ACIDITY-W-2310B	oct 30 - wc	1
				11/13/2008		NO2-W	oct 30 - wc	1
				11/13/2008		NO3-W	oct 30 - wc	1
				11/13/2008		PO4-O	oct 30 - wc	1

WORK ORDER Summary

31-Oct-08

Work Order L87283

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L87283-02C	Sulfur Spring	10/29/2008 2:40:00 PM	10/30/2008	11/13/2008	Aqueous	OGB-W	OGBFridge	1
L87283-02D				11/13/2008		NH3-W	oct 30 - nh3	1
				11/13/2008		NH3-W-PREP	oct 30 - nh3	1
L87283-02E				11/13/2008	Aqueous-Dissolved	3005A-Diss	oct 30 - dis met	1
				11/13/2008		6020-W-DISS	oct 30 - dis met	1
				11/13/2008		HARD	oct 30 - dis met	1
				11/13/2008		ICP-W-DIS	oct 30 - dis met	1
L87283-02F				11/13/2008	Aqueous	3005A-ICPMS	oct 30 - met	1
				11/13/2008		ICP-W	oct 30 - met	1
L87283-03A	RES-1	10/29/2008 3:00:00 PM		11/13/2008		SS-W-2540F	ww - tss/tds/ss	1
				11/13/2008		TDS-W	ww - tss/tds/ss	1
				11/13/2008		TSS-W-2540D	ww - tss/tds/ss	1
L87283-03B				11/13/2008		2320B-ALK-W	oct 30 - wc	1
				11/13/2008		300.0-W	oct 30 - wc	1
				11/13/2008		ACIDITY-W-2310B	oct 30 - wc	1
				11/13/2008		NO2-W	oct 30 - wc	1
				11/13/2008		NO3-W	oct 30 - wc	1
				11/13/2008		PO4-O	oct 30 - wc	1
L87283-03C				11/13/2008		OGB-W	OGBFridge	1
L87283-03D				11/13/2008		NH3-W	oct 30 - nh3	1
				11/13/2008		NH3-W-PREP	oct 30 - nh3	1
L87283-03E				11/13/2008	Aqueous-Dissolved	3005A-Diss	oct 30 - dis met	1
				11/13/2008		6020-W-DISS	oct 30 - dis met	1
				11/13/2008		HARD	oct 30 - dis met	1
				11/13/2008		ICP-W-DIS	oct 30 - dis met	1
L87283-03F				11/13/2008	Aqueous	3005A-ICPMS	oct 30 - met	1
				11/13/2008		ICP-W	oct 30 - met	1
L87283-04A	Miller Outlet	10/29/2008 3:15:00 PM		11/13/2008		SS-W-2540F	ww - tss/tds/ss	1

WORK ORDER Summary

31-Oct-08

Work Order L87283

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L87283-04A	Miller Outlet	10/29/2008 3:15:00 PM	10/30/2008	11/13/2008	Aqueous	TDS-W	ww - tss/tds/ss	1
				11/13/2008		TSS-W-2540D	ww - tss/tds/ss	1
L87283-04B				11/13/2008		2320B-ALK-W	oct 30 - wc	1
				11/13/2008		300.0-W	oct 30 - wc	1
				11/13/2008		ACIDITY-W-2310B	oct 30 - wc	1
				11/13/2008		NO2-W	oct 30 - wc	1
				11/13/2008		NO3-W	oct 30 - wc	1
				11/13/2008		PO4-O	oct 30 - wc	1
L87283-04C				11/13/2008		OGB-W	OGBFridge	1
L87283-04D				11/13/2008		NH3-W	oct 30 - nh3	1
				11/13/2008		NH3-W-PREP	oct 30 - nh3	1
L87283-04E				11/13/2008	Aqueous-Dissolved	3005A-Diss	oct 30 - dis met	1
				11/13/2008		6020-W-DISS	oct 30 - dis met	1
				11/13/2008		HARD	oct 30 - dis met	1
				11/13/2008		ICP-W-DIS	oct 30 - dis met	1
L87283-04F				11/13/2008	Aqueous	3005A-ICPMS	oct 30 - met	1
				11/13/2008		ICP-W	oct 30 - met	1
L87283-05A	Aspen Spring	10/29/2008 12:00:00 PM		11/13/2008		SS-W-2540F	ww - tss/tds/ss	1
				11/13/2008		TDS-W	ww - tss/tds/ss	1
				11/13/2008		TSS-W-2540D	ww - tss/tds/ss	1
L87283-05B				11/13/2008		2320B-ALK-W	oct 30 - wc	1
				11/13/2008		300.0-W	oct 30 - wc	1
				11/13/2008		ACIDITY-W-2310B	oct 30 - wc	1
				11/13/2008		NO2-W	oct 30 - wc	1
				11/13/2008		NO3-W	oct 30 - wc	1
				11/13/2008		PO4-O	oct 30 - wc	1
L87283-05C				11/13/2008		OGB-W	OGBFridge	1
L87283-05D				11/13/2008		NH3-W	oct 30 - nh3	1

WORK ORDER Summary

31-Oct-08

Work Order L87283

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+; EDD report.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L87283-05D	Aspen Spring	10/29/2008 12:00:00 PM	10/30/2008	11/13/2008	Aqueous	NH3-W-PREP	oct 30 - nh3	1
L87283-05E				11/13/2008	Aqueous-Dissolved	3005A-Diss	oct 30 - dis met	1
				11/13/2008		6020-W-DISS	oct 30 - dis met	1
				11/13/2008		HARD	oct 30 - dis met	1
				11/13/2008		ICP-W-DIS	oct 30 - dis met	1
L87283-05F				11/13/2008	Aqueous	3005A-ICPMS	oct 30 - met	1
				11/13/2008		ICP-W	oct 30 - met	1

Client CARBON RESOURCES c/o ROCK LOGIC
Address P.O. BOX 544
CEDAREDGE CO 81413
City State Zip
Phone (435) 851-9044 Fax
Contact BRAD LINDSAY
E-mail ROCKLOGIC CONSULTING @ GMAIL.COM
Project Name SCOFIELD BASELINE
Project Number/P.O.# —
Sampler Name BRAD LINDSAY

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Email:awal@awal-labs.com

CHAIN OF CUSTODY

Lab Sample Set # 87283
Page _____ of _____

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3 (ON FILE)									QC LEVEL	COMMENTS
MUD CREEK	10/29/08 14:15	W	6	✓									1 2 2+ 3 3+ 4	
SULFUR SPRING	14:40			✓										
RES-1	15:00			✓										
MILLER OUTLET	15:15			✓										
ASPEN SPRING	12:00			✓										

LABORATORY USE ONLY

SAMPLES WERE:
1 (Shipped or hand delivered) Notes: UPS
2 Ambient or (Chilled) Notes:
3 Temperature 2.1
4 Received Broken/Leaking (Improperly Sealed) Y (N) Notes:
5 (Properly Preserved) Y N Notes:
6 Received Within Holding Times (Y) N Notes:

COC Tape Was:
1 Present on Outer Package (Y) N NA
2 Unbroken on Outer Package (Y) N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature
PRINT NAME BRAD LINDSAY	Time 16:30	PRINT NAME UPS
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date	Received By: Signature
PRINT NAME	Time	PRINT NAME
Relinquished By: Signature	Date 10/30/08	Received By: Signature
PRINT NAME	Time 2031	PRINT NAME Elaine Hayes

Special Instructions:
PLEASE FILTER

Shipping 37.00

TABLE 3

½ gallon HDPE
1 L HDPE
1 L HDPE
1 500 mL HNO3
1 250 mL H2SO4
1 amber L HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 87283

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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e-mail: awal@awal-labs.com

April 14, 2008

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L83169

Dear Brad Lindsay:

American West Analytical Labs received 4 samples on 3/27/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Approved by: _____
Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Lab Sample ID: L83169-01E
Field Sample ID: **Mud Creek**
Collected: 3/25/2008 6:45:00 PM
Received: 3/27/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Iron	mg/L	4/2/2008 5:14:00 PM	6010B	0.050	**2.4**	[1]
Manganese	mg/L	4/2/2008 5:14:00 PM	6010B	0.0050	**0.024**	[1] @

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

@ High RPD due to suspected matrix interference.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L83169-02E
Field Sample ID: **Sulfur Spring**
Collected: 3/25/2008 4:45:00 PM
Received: 3/27/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/10/2008 6:42:00 PM	6010B	0.050	< 0.050
Manganese	mg/L	4/10/2008 6:42:00 PM	6010B	0.0050	**0.033**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L83169-03E
Field Sample ID: **Miller Outlet**
Collected: 3/25/2008 5:50:00 PM
Received: 3/27/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/2/2008 5:31:00 PM	6010B	0.050	**1.6**
Manganese	mg/L	4/2/2008 5:31:00 PM	6010B	0.0050	**0.25**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L83169-04E
Field Sample ID: **Res-1**
Collected: 3/25/2008 5:10:00 PM
Received: 3/27/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	4/2/2008 5:35:00 PM	6010B	0.050	< 0.050
Manganese	mg/L	4/2/2008 5:35:00 PM	6010B	0.0050	**0.033**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L83169-01F
Field Sample ID: **Mud Creek**
Collected: 3/25/2008 6:45:00 PM
Received: 3/27/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	4/2/2008 2:47:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	3/31/2008 7:25:15 PM	6020	0.00060	< 0.00060	
Boron	mg/L	4/2/2008 2:47:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	3/31/2008 7:25:15 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	4/2/2008 2:16:00 PM	6010B	10	**68**	#
Copper	mg/L	3/31/2008 7:25:15 PM	6020	0.00080	**0.0034**	
Iron	mg/L	4/2/2008 2:47:00 PM	6010B	0.050	< 0.050	
Lead	mg/L	3/31/2008 7:25:15 PM	6020	0.00040	< 0.00040	
Magnesium	mg/L	4/2/2008 2:47:00 PM	6010B	1.0	**35**	
Manganese	mg/L	3/31/2008 7:25:15 PM	6020	0.0012	**0.030**	
Molybdenum	mg/L	4/2/2008 2:47:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	4/2/2008 2:47:00 PM	6010B	1.0	**6.4**	
Selenium	mg/L	3/31/2008 7:25:15 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	4/2/2008 2:47:00 PM	6010B	1.0	**49**	
Zinc	mg/L	3/31/2008 7:25:15 PM	6020	0.0054	**0.0076**	

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID: L83169-02F
Field Sample ID: **Sulfur Spring**
Collected: 3/25/2008 4:45:00 PM
Received: 3/27/2008

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/2/2008 3:07:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	3/31/2008 8:03:04 PM	6020	0.00060	< 0.00060
Boron	mg/L	4/2/2008 3:07:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	3/31/2008 8:03:04 PM	6020	0.00018	< 0.00018
Calcium	mg/L	4/2/2008 2:28:00 PM	6010B	10	**86** #
Copper	mg/L	3/31/2008 8:03:04 PM	6020	0.00080	**0.0015**
Iron	mg/L	4/2/2008 3:07:00 PM	6010B	0.050	< 0.050
Lead	mg/L	3/31/2008 8:03:04 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	4/2/2008 3:07:00 PM	6010B	1.0	**35**
Manganese	mg/L	3/31/2008 8:03:04 PM	6020	0.0012	**0.032**
Molybdenum	mg/L	4/2/2008 3:07:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/2/2008 3:07:00 PM	6010B	1.0	**4.8**
Selenium	mg/L	3/31/2008 8:03:04 PM	6020	0.00080	< 0.00080
Sodium	mg/L	4/2/2008 3:07:00 PM	6010B	1.0	**10**
Zinc	mg/L	3/31/2008 8:03:04 PM	6020	0.0054	< 0.0054

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L83169-03F
Field Sample ID: **Miller Outlet**
Collected: 3/25/2008 5:50:00 PM
Received: 3/27/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	4/2/2008 3:11:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	3/31/2008 8:08:29 PM	6020	0.00060	< 0.00060
Boron	mg/L	4/2/2008 3:11:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	3/31/2008 8:08:29 PM	6020	0.00018	< 0.00018
Calcium	mg/L	4/2/2008 2:32:00 PM	6010B	10	**82** #
Copper	mg/L	3/31/2008 8:08:29 PM	6020	0.00080	**0.0017**
Iron	mg/L	4/2/2008 3:11:00 PM	6010B	0.050	< 0.050
Lead	mg/L	3/31/2008 8:08:29 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	4/2/2008 3:11:00 PM	6010B	1.0	**15**
Manganese	mg/L	3/31/2008 8:08:29 PM	6020	0.0012	**0.043**
Molybdenum	mg/L	4/2/2008 3:11:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	4/2/2008 3:11:00 PM	6010B	1.0	**2.1**
Selenium	mg/L	3/31/2008 8:08:29 PM	6020	0.00080	< 0.00080
Sodium	mg/L	4/2/2008 3:11:00 PM	6010B	1.0	**6.6**
Zinc	mg/L	3/31/2008 8:08:29 PM	6020	0.0054	< 0.0054

 # The reporting limits were raised due to high analyte concentration.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L83169-04F
Field Sample ID: **Res-1**
Collected: 3/25/2008 5:10:00 PM
Received: 3/27/2008

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	4/2/2008 3:14:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	3/31/2008 8:13:53 PM	6020	0.00060	**0.00072**	
Boron	mg/L	4/2/2008 3:14:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	3/31/2008 8:13:53 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	4/2/2008 2:36:00 PM	6010B	10	**70**	#
Copper	mg/L	3/31/2008 8:13:53 PM	6020	0.00080	**0.0029**	
Iron	mg/L	4/2/2008 3:14:00 PM	6010B	0.050	**0.072**	
Lead	mg/L	3/31/2008 8:13:53 PM	6020	0.00040	< 0.00040	
Magnesium	mg/L	4/2/2008 3:14:00 PM	6010B	1.0	**36**	
Manganese	mg/L	3/31/2008 8:13:53 PM	6020	0.0012	**0.14**	
Molybdenum	mg/L	4/2/2008 3:14:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	4/2/2008 3:14:00 PM	6010B	1.0	**6.0**	
Selenium	mg/L	3/31/2008 8:13:53 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	4/2/2008 3:14:00 PM	6010B	1.0	**41**	
Zinc	mg/L	3/31/2008 8:13:53 PM	6020	0.0054	**0.0065**	

 # The reporting limits were raised due to high analyte concentration.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L83169-01
Field Sample ID: **Mud Creek**
Collected: 3/25/2008 6:45:00 PM
Received: 3/27/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Acidity	mg/L	3/28/2008 5:45:00 AM	2310B	15	< 15	
Alkalinity,(As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**230**	
Ammonia (as N)	mg/L	4/1/2008 11:08:00 AM	350.1	0.050	< 0.050	
Bicarbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**230**	
Carbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	10	< 10	
Chloride	mg/L	3/29/2008 11:27:04 PM	300.0	1.0	**45**	
Hardness (as CaCO3)	mg/L	4/2/2008	2340B	10	**320**	
Nitrate (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	**0.12**	
Nitrite (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	< 0.010	1
Oil & Grease	mg/L	3/31/2008 10:30:00 AM	1664A	3.0	< 3.0	
Phosphate, ortho (as P)	mg/L	3/27/2008 12:39:00 PM	365.1	0.050	< 0.050	
Settleable Solids	ml/L	3/27/2008 12:00:00 PM	2540F	0.10	**0.10**	
Sulfate	mg/L	3/29/2008 11:27:04 PM	300.0	7.5	**130**	1
TDS	mg/L	3/28/2008 2:45:00 PM	160.1	20	**490**	
TSS	mg/L	3/27/2008 3:30:00 PM	2540D	3.0	**26**	

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L83169-02
Field Sample ID: **Sulfur Spring**
Collected: 3/25/2008 4:45:00 PM
Received: 3/27/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/28/2008 5:45:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**340**
Ammonia (as N)	mg/L	4/1/2008 11:08:00 AM	350.1	0.050	**0.077**
Bicarbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**340**
Carbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/30/2008 12:36:56 AM	300.0	1.0	**9.3**
Hardness (as CaCO3)	mg/L	4/2/2008	2340B	10	**360**
Nitrate (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	< 0.010
Nitrite (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	< 0.010
Oil & Grease	mg/L	3/31/2008 10:30:00 AM	1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	3/27/2008 12:39:00 PM	365.1	0.050	< 0.050
Settleable Solids	ml/L	3/27/2008 12:00:00 PM	2540F	0.10	< 0.10
Sulfate	mg/L	3/30/2008 12:36:56 AM	300.0	7.5	**44**
TDS	mg/L	3/28/2008 2:45:00 PM	160.1	20	**400**
TSS	mg/L	3/27/2008 3:30:00 PM	2540D	3.0	< 3.0

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L83169-03
Field Sample ID: **Miller Outlet**
Collected: 3/25/2008 5:50:00 PM
Received: 3/27/2008

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/28/2008 5:45:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**250**
Ammonia (as N)	mg/L	4/1/2008 11:08:00 AM	350.1	0.050	**0.095**
Bicarbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**250**
Carbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/30/2008 1:00:14 AM	300.0	1.0	**9.4**
Hardness (as CaCO3)	mg/L	4/2/2008	2340B	10	**270**
Nitrate (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	**0.64**
Nitrite (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	**0.014**
Oil & Grease	mg/L	3/31/2008 10:30:00 AM	1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	3/27/2008 12:39:00 PM	365.1	0.050	< 0.050
Settleable Solids	ml/L	3/27/2008 12:00:00 PM	2540F	0.10	**0.50**
Sulfate	mg/L	3/30/2008 1:00:14 AM	300.0	7.5	**29**
TDS	mg/L	3/28/2008 2:45:00 PM	160.1	20	**330**
TSS	mg/L	3/27/2008 3:30:00 PM	2540D	3.0	**430**

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

Lab Sample ID: L83169-04
Field Sample ID: **Res-1**
Collected: 3/25/2008 5:10:00 PM
Received: 3/27/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result
Acidity	mg/L	3/28/2008 5:45:00 AM	2310B	15	< 15
Alkalinity,(As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**220**
Ammonia (as N)	mg/L	4/1/2008 11:08:00 AM	350.1	0.050	**0.20**
Bicarbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	20	**220**
Carbonate (As CaCO3)	mg/L	3/28/2008 6:00:00 AM	2320B	10	< 10
Chloride	mg/L	3/30/2008 1:23:32 AM	300.0	1.0	**40**
Hardness (as CaCO3)	mg/L	4/2/2008	2340B	10	**320**
Nitrate (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	**0.15**
Nitrite (as N)	mg/L	3/27/2008 11:39:00 AM	353.2	0.010	**0.011**
Oil & Grease	mg/L	3/31/2008 10:30:00 AM	1664A	3.0	< 3.0
Phosphate, ortho (as P)	mg/L	3/27/2008 12:39:00 PM	365.1	0.050	< 0.050
Settleable Solids	ml/L	3/27/2008 12:00:00 PM	2540F	0.10	**0.30**
Sulfate	mg/L	3/30/2008 1:23:32 AM	300.0	7.5	**110**
TDS	mg/L	3/28/2008 2:45:00 PM	160.1	20	**470**
TSS	mg/L	3/27/2008 3:30:00 PM	2540D	3.0	**180**

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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-39726	Arsenic	mg/L	6020	0.2134	0.2	0	107	85-115				3/31/2008
LCS-39726	Cadmium	mg/L	6020	0.1968	0.2	0	98.4	85-115				3/31/2008
LCS-39726	Copper	mg/L	6020	0.2228	0.2	0.000799	111	85-115				3/31/2008
LCS-39726	Lead	mg/L	6020	0.2251	0.2	0	113	85-115				3/31/2008
LCS-39726	Manganese	mg/L	6020	0.1982	0.2	0.000577	98.8	85-115				3/31/2008
LCS-39726	Selenium	mg/L	6020	0.1789	0.2	0	89.4	85-115				3/31/2008
LCS-39726	Zinc	mg/L	6020	1.004	1	0	100	85-115				3/31/2008
LCS-39739	Iron	mg/L	6010B	1.040	1	0	104	75-125				4/2/2008
LCS-39739	Manganese	mg/L	6010B	0.2010	0.2	0	101	75-125				4/2/2008
LCS-39937	Iron	mg/L	6010B	0.9973	1	0	99.7	75-125				4/10/2008
LCS-39937	Manganese	mg/L	6010B	0.1960	0.2	0	98.0	75-125				4/10/2008
LCS-39726	Aluminum	mg/L	6010B	0.9810	1	0	98.1	75-125				4/2/2008
LCS-39726	Boron	mg/L	6010B	1.010	1	0	101	75-125				4/2/2008
LCS-39726	Calcium	mg/L	6010B	9.820	10	0.063	97.6	75-125				4/2/2008
LCS-39726	Iron	mg/L	6010B	1.040	1	0.00831	103	75-125				4/2/2008
LCS-39726	Magnesium	mg/L	6010B	10.10	10	0	101	75-125				4/2/2008
LCS-39726	Molybdenum	mg/L	6010B	0.2050	0.2	0.00541	99.8	75-125				4/2/2008
LCS-39726	Potassium	mg/L	6010B	9.740	10	0.222	95.2	75-125				4/2/2008
LCS-39726	Sodium	mg/L	6010B	9.130	10	0	91.3	75-125				4/2/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-39726	Arsenic	mg/L	6020	< 0.00060				-				3/31/2008
MB-39726	Cadmium	mg/L	6020	< 0.00018				-				3/31/2008
MB-39726	Copper	mg/L	6020	< 0.00080				-				3/31/2008
MB-39726	Lead	mg/L	6020	< 0.00040				-				3/31/2008
MB-39726	Manganese	mg/L	6020	< 0.0012				-				3/31/2008
MB-39726	Selenium	mg/L	6020	< 0.00080				-				3/31/2008
MB-39726	Zinc	mg/L	6020	< 0.0050				-				3/31/2008
MB-39739	Iron	mg/L	6010B	< 0.050				-				4/2/2008
MB-39739	Manganese	mg/L	6010B	< 0.0050				-				4/2/2008
MB-39937	Iron	mg/L	6010B	< 0.050				-				4/10/2008
MB-39937	Manganese	mg/L	6010B	< 0.0050				-				4/10/2008
MB-39726	Aluminum	mg/L	6010B	< 0.10				-				4/2/2008
MB-39726	Boron	mg/L	6010B	< 0.50				-				4/2/2008
MB-39726	Calcium	mg/L	6010B	< 1.0				-				4/2/2008
MB-39726	Iron	mg/L	6010B	< 0.050				-				4/2/2008
MB-39726	Magnesium	mg/L	6010B	< 1.0				-				4/2/2008
MB-39726	Molybdenum	mg/L	6010B	< 0.040				-				4/2/2008
MB-39726	Potassium	mg/L	6010B	< 1.0				-				4/2/2008
MB-39726	Sodium	mg/L	6010B	< 1.0				-				4/2/2008

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L83169-01FMS	Arsenic	mg/L	6020	0.2112	0.2	0.000221	105	70-130				3/31/2008
L83169-01FMS	Cadmium	mg/L	6020	0.1976	0.2	0	98.8	70-130				3/31/2008
L83169-01FMS	Copper	mg/L	6020	0.2148	0.2	0.003392	106	70-130				3/31/2008
L83169-01FMS	Lead	mg/L	6020	0.2176	0.2	0.000322	109	70-130				3/31/2008
L83169-01FMS	Manganese	mg/L	6020	0.2266	0.2	0.02999	98.3	70-130				3/31/2008
L83169-01FMS	Selenium	mg/L	6020	0.1773	0.2	0.00028	88.5	70-130				3/31/2008
L83169-01FMS	Zinc	mg/L	6020	1.005	1	0.007633	99.7	70-130				3/31/2008
L83169-01EMS	Iron	mg/L	6010B	0.5740	1	2.38	-181	75-125			[1]	4/2/2008
L83169-01EMS	Manganese	mg/L	6010B	0.04950	0.2	0.0242	12.6	75-125			[1]	4/2/2008
L83169-02EMS	Iron	mg/L	6010B	1.040	1	0.03146	101	75-125				4/10/2008
L83169-02EMS	Manganese	mg/L	6010B	0.2302	0.2	0.0327	98.7	75-125				4/10/2008
L83169-01FMS	Aluminum	mg/L	6010B	1.020	1	0.04914	97.1	75-125				4/2/2008
L83169-01FMS	Boron	mg/L	6010B	1.150	1	0.1325	102	75-125				4/2/2008
L83169-01FMS	Iron	mg/L	6010B	1.050	1	0.01798	103	75-125				4/2/2008
L83169-01FMS	Magnesium	mg/L	6010B	44.40	10	35.14	92.6	75-125				4/2/2008
L83169-01FMS	Molybdenum	mg/L	6010B	0.2040	0.2	0.00527	99.4	75-125				4/2/2008
L83169-01FMS	Potassium	mg/L	6010B	16.00	10	6.363	96.4	75-125				4/2/2008
L83169-01FMS	Sodium	mg/L	6010B	58.90	10	49.31	95.9	75-125				4/2/2008
L83169-01FMS	Calcium	mg/L	6010B	78.00	10	68.5	95.0	75-125				4/2/2008

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L83169-01FMSD	Arsenic	mg/L	6020	0.2149	0.2	0.000221	107	70-130	1.74	20		3/31/2008
L83169-01FMSD	Cadmium	mg/L	6020	0.2002	0.2	0	100	70-130	1.34	20		3/31/2008
L83169-01FMSD	Copper	mg/L	6020	0.2108	0.2	0.003392	104	70-130	1.88	20		3/31/2008
L83169-01FMSD	Lead	mg/L	6020	0.2181	0.2	0.000322	109	70-130	0.230	20		3/31/2008
L83169-01FMSD	Manganese	mg/L	6020	0.2279	0.2	0.02999	99.0	70-130	0.593	20		3/31/2008
L83169-01FMSD	Selenium	mg/L	6020	0.1862	0.2	0.00028	93.0	70-130	4.87	20		3/31/2008
L83169-01FMSD	Zinc	mg/L	6020	1.006	1	0.007633	99.9	70-130	0.192	20		3/31/2008
L83169-01EMSD	Iron	mg/L	6010B	1.610	1	2.38	-77.0	75-125	94.9	20	'	4/2/2008
L83169-01EMSD	Manganese	mg/L	6010B	0.2560	0.2	0.0242	116	75-125	135	20	@	4/2/2008
L83169-02EMSD	Iron	mg/L	6010B	1.033	1	0.03146	100	75-125	0.705	20		4/10/2008
L83169-02EMSD	Manganese	mg/L	6010B	0.2267	0.2	0.0327	97.0	75-125	1.52	20		4/10/2008
L83169-01FMSD	Aluminum	mg/L	6010B	1.070	1	0.04914	102	75-125	4.78	20		4/2/2008
L83169-01FMSD	Boron	mg/L	6010B	1.180	1	0.1325	105	75-125	2.58	20		4/2/2008
L83169-01FMSD	Iron	mg/L	6010B	1.050	1	0.01798	103	75-125	0	20		4/2/2008
L83169-01FMSD	Magnesium	mg/L	6010B	44.90	10	35.14	97.6	75-125	1.12	20		4/2/2008
L83169-01FMSD	Molybdenum	mg/L	6010B	0.2090	0.2	0.00527	102	75-125	2.42	20		4/2/2008
L83169-01FMSD	Potassium	mg/L	6010B	16.40	10	6.363	100	75-125	2.47	20		4/2/2008
L83169-01FMSD	Sodium	mg/L	6010B	59.90	10	49.31	106	75-125	1.68	20		4/2/2008
L83169-01FMSD	Calcium	mg/L	6010B	76.40	10	68.5	79.0	75-125	2.07	20		4/2/2008

@ High RPD due to suspected matrix interference.

' Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC
SampType: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L83161-05DDUP	TDS	mg/L	160.1	908.0	0	944		-	3.89	20		3/28/2008
L83162-01CDUP	TDS	mg/L	160.1	684.0	0	656		-	4.18	20		3/28/2008
L83169-01ADUP	TDS	mg/L	160.1	492.0	0	492		-	0	20		3/28/2008
L83154-02ADUP	TSS	mg/L	2540D	4.000	0	4		-	0	20		3/27/2008
L83169-01ADUP	TSS	mg/L	2540D	25.00	0	26		-	3.92	20		3/27/2008

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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R80517	Alkalinity,(As CaCO3)	mg/L	2320B	50960	50000	0	102	90-110				3/28/2008
LCS-R80572	Chloride	mg/L	300.0	4.849	5	0	97.0	90-110				3/29/2008
LCS-R80572	Sulfate	mg/L	300.0	4.859	5	0	97.2	90-110				3/29/2008
LCS-R81107	Chloride	mg/L	300.0	5.371	5	0	107	90-110				4/9/2008
LCS-R81107	Sulfate	mg/L	300.0	4.983	5	0	99.7	90-110				4/9/2008
LCS-R80519	Acidity	mg/L	2310B	20.00	20	0	100	80-120				3/28/2008
LCS-39775	Ammonia (as N)	mg/L	350.1	0.9700	1	0	97.0	90-110				4/1/2008
LCS-R80468	Nitrite (as N)	mg/L	353.2	0.9750	1	0	97.5	90-110				3/27/2008
LCS-R80469	Nitrate (as N)	mg/L	353.2	0.9560	1	0	95.6	90-110				3/27/2008
LCS-R80682	Oil & Grease	mg/L	1664A	40.00	40	0	100	79-114				3/31/2008
LCS-R80471	Phosphate, ortho (as P)	mg/L	365.1	0.9720	1	0	97.2	90-110				3/27/2008
LCS-R80627	TDS	mg/L	160.1	202.0	205	0	98.5	80-120				3/28/2008
LCS-R80515	TSS	mg/L	2540D	97.00	100	0	97.0	80-120				3/27/2008

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R80517	Alkalinity,(As CaCO3)	mg/L	2320B	< 10				-				3/28/2008
MB-R80517	Bicarbonate (As CaCO3)	mg/L	2320B	< 10				-				3/28/2008
MB-R80517	Carbonate (As CaCO3)	mg/L	2320B	< 10				-				3/28/2008
MB-R80572	Chloride	mg/L	300.0	< 0.10				-				3/29/2008
MB-R80572	Sulfate	mg/L	300.0	< 0.75				-				3/29/2008
MB-R81107	Chloride	mg/L	300.0	< 0.10				-				4/9/2008
MB-R81107	Sulfate	mg/L	300.0	< 0.75				-				4/9/2008
MB-R80519	Acidity	mg/L	2310B	< 15				-				3/28/2008
MB-39775	Ammonia (as N)	mg/L	350.1	< 0.050				-				4/1/2008
MB-R80468	Nitrite (as N)	mg/L	353.2	< 0.010				-				3/27/2008
MB-R80469	Nitrate (as N)	mg/L	353.2	< 0.010				-				3/27/2008
MB-R80682	Oil & Grease	mg/L	1664A	< 3.0				-				3/31/2008
MB-R80471	Phosphate, ortho (as P)	mg/L	365.1	< 0.050				-				3/27/2008
MB-R80627	TDS	mg/L	160.1	< 10				-				3/28/2008
MB-R80515	TSS	mg/L	2540D	< 3.0				-				3/27/2008

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L83162-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	402.0	100	300	102	80-120				3/28/2008
L83169-01BMS	Alkalinity,(As CaCO3)	mg/L	2320B	329.0	100	228	101	80-120				3/28/2008
L83169-01BMS	Chloride	mg/L	300.0	153.4	100	44.56	109	90-110				3/29/2008
L83169-01BMS	Sulfate	mg/L	300.0	239.6	100	128.4	111	90-110			I	3/29/2008
L83420-01AMS	Chloride	mg/L	300.0	528.5	500	3.772	105	90-110				4/9/2008
L83420-01AMS	Sulfate	mg/L	300.0	494.6	500	1.773	98.6	90-110				4/9/2008
L82946-03AMS	Chloride	mg/L	300.0	472.8	250	83.73	156	90-110			I	4/10/2008
L82946-03AMS	Sulfate	mg/L	300.0	314.3	250	49.62	106	90-110				4/10/2008
L83169-01BMS	Acidity	mg/L	2310B	48.00	50	0	96.0	80-120				3/28/2008
L83169-02CMS	Ammonia (as N)	mg/L	350.1	1.043	1	0.077	96.6	90-110				4/1/2008
L83169-01BMS	Nitrite (as N)	mg/L	353.2	1.106	1	0	111	90-110			I	3/27/2008
L83169-01BMS	Nitrate (as N)	mg/L	353.2	1.184	1	0.123	106	90-110				3/27/2008
L83169-01BMS	Phosphate, ortho (as P)	mg/L	365.1	0.9620	1	0.008	95.4	90-110				3/27/2008

I Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L83162-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	399.0	100	300	99.0	80-120	0.749	10		3/28/2008
L83169-01BMSD	Alkalinity,(As CaCO3)	mg/L	2320B	333.0	100	228	105	80-120	1.21	10		3/28/2008
L83169-01BMSD	Chloride	mg/L	300.0	149.7	100	44.56	105	90-110	2.50	20		3/30/2008
L83169-01BMSD	Sulfate	mg/L	300.0	233.0	100	128.4	105	90-110	2.81	20		3/30/2008
L83420-01AMSD	Chloride	mg/L	300.0	528.5	500	3.772	105	90-110	0.00606	20		4/9/2008
L83420-01AMSD	Sulfate	mg/L	300.0	494.8	500	1.773	98.6	90-110	0.0437	20		4/9/2008
L82946-03AMSD	Chloride	mg/L	300.0	372.5	250	83.73	116	90-110	23.7	20	[1]@	4/10/2008
L82946-03AMSD	Sulfate	mg/L	300.0	317.3	250	49.62	107	90-110	0.945	20		4/10/2008
L83169-01BMSD	Acidity	mg/L	2310B	52.00	50	0	104	80-120	8.00	20		3/28/2008
L83169-02CMSD	Ammonia (as N)	mg/L	350.1	1.014	1	0.077	93.7	90-110	2.82	10		4/1/2008
L83169-01BMSD	Nitrite (as N)	mg/L	353.2	1.146	1	0	115	90-110	3.55	10	[1]	3/27/2008
L83169-01BMSD	Nitrate (as N)	mg/L	353.2	1.197	1	0.123	107	90-110	1.09	10		3/27/2008
L83169-01BMSD	Phosphate, ortho (as P)	mg/L	365.1	1.044	1	0.008	104	90-110	8.18	10		3/27/2008

@ High RPD due to suspected matrix interference.

[1] Spike recovery indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC
SampType: QCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCS-R80682	Oil & Grease	mg/L	1664A	37.50	40	0	93.8	79-114				3/31/2008

All analyses applic[redacted] CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached [redacted]is report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member o[redacted]ff, or reproduction of this report in conn[redacted]the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose o[redacted]r the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection[redacted]alysis in good faith and according to the [redacted]of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: Carbon Resources
Work Order: L83169
Project: Scofield Baseline

Dept: WC
SampType: QCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
QCSD-R80682	Oil & Grease	mg/L	1664A	37.80	40	0	94.5	79-114	0.797	18		3/31/2008

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American West Analytical Labs

WORK ORDER Summary

28-Mar-08

Work Order L83169

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** Hook B

Contact: Brad Lindsay

Comments: QCLevel: 2+. Include EDD.

DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L83169-01A	Mud Creek	3/25/2008 6:45:00 PM	3/27/2008	4/10/2008	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				4/10/2008		TDS-W	ww - tss/tds/ss	1
				4/10/2008		TSS-W-2540D	ww - tss/tds/ss	1
L83169-01B				4/10/2008		2320B-ALK-W	mar 27 - wc	1
				4/10/2008		300.0-W	mar 27 - wc	1
				4/10/2008		ACIDITY-W-2310B	mar 27 - wc	1
				4/10/2008		NO2-W	mar 27 - wc	1
				4/10/2008		NO3-W	mar 27 - wc	1
				4/10/2008		PO4-O	mar 27 - wc	1
L83169-01C				4/10/2008		NH3-W	mar 27 - nh3	1
				4/10/2008		NH3-W-PREP	mar 27 - nh3	1
L83169-01D				4/10/2008		OGB-W	OGBFridge	1
L83169-01E				4/10/2008		3005A-ICPMS	mar 27 - met	1
				4/10/2008		ICP-W	mar 27 - met	1
L83169-01F				4/10/2008	Aqueous-Dissolved	3005A-Diss	mar 27 - dis met	1
				4/10/2008		6020-W-DISS	mar 27 - dis met	1
				4/10/2008		HARD	mar 27 - dis met	1
				4/10/2008		ICP-W-DIS	mar 27 - dis met	1
L83169-02A	Sulfur Spring	3/25/2008 4:45:00 PM		4/10/2008	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				4/10/2008		TDS-W	ww - tss/tds/ss	1
				4/10/2008		TSS-W-2540D	ww - tss/tds/ss	1
L83169-02B				4/10/2008		2320B-ALK-W	mar 27 - wc	1
				4/10/2008		300.0-W	mar 27 - wc	1
				4/10/2008		ACIDITY-W-2310B	mar 27 - wc	1
				4/10/2008		NO2-W	mar 27 - wc	1
				4/10/2008		NO3-W	mar 27 - wc	1
				4/10/2008		PO4-O	mar 27 - wc	1

WORK ORDER Summary

28-Mar-08

Work Order L83169

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+. Include EDD.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L83169-02C	Sulfur Spring	3/25/2008 4:45:00 PM	3/27/2008	4/10/2008	Aqueous	NH3-W	mar 27 - nh3	1
				4/10/2008		NH3-W-PREP	mar 27 - nh3	1
L83169-02D				4/10/2008		OGB-W	OGBFridge	1
L83169-02E				4/10/2008		3005A-ICPMS	mar 27 - met	1
				4/10/2008		ICP-W	mar 27 - met	1
L83169-02F				4/10/2008	Aqueous-Dissolved	3005A-Diss	mar 27 - dis met	1
				4/10/2008		6020-W-DISS	mar 27 - dis met	1
				4/10/2008		HARD	mar 27 - dis met	1
				4/10/2008		ICP-W-DIS	mar 27 - dis met	1
L83169-03A	Miller Outlet	3/25/2008 5:50:00 PM		4/10/2008	Aqueous	SS-W-2540F	ww - tss/tds/ss	1
				4/10/2008		TDS-W	ww - tss/tds/ss	1
				4/10/2008		TSS-W-2540D	ww - tss/tds/ss	1
L83169-03B				4/10/2008		2320B-ALK-W	mar 27 - wc	1
				4/10/2008		300.0-W	mar 27 - wc	1
				4/10/2008		ACIDITY-W-2310B	mar 27 - wc	1
				4/10/2008		NO2-W	mar 27 - wc	1
				4/10/2008		NO3-W	mar 27 - wc	1
				4/10/2008		PO4-O	mar 27 - wc	1
L83169-03C				4/10/2008		NH3-W	mar 27 - nh3	1
				4/10/2008		NH3-W-PREP	mar 27 - nh3	1
L83169-03D				4/10/2008		OGB-W	OGBFridge	1
L83169-03E				4/10/2008		3005A-ICPMS	mar 27 - met	1
				4/10/2008		ICP-W	mar 27 - met	1
L83169-03F				4/10/2008	Aqueous-Dissolved	3005A-Diss	mar 27 - dis met	1
				4/10/2008		6020-W-DISS	mar 27 - dis met	1
				4/10/2008		HARD	mar 27 - dis met	1
				4/10/2008		ICP-W-DIS	mar 27 - dis met	1
L83169-04A	Res-1	3/25/2008 5:10:00 PM		4/10/2008	Aqueous	SS-W-2540F	ww - tss/tds/ss	1

WORK ORDER Summary

28-Mar-08

Work Order L83169

Client ID: CAR300 **QC Level:** 2+

Project: Scofield Baseline **Location:** **Contact:** Brad Lindsay

Comments: QCLevel: 2+. Include EDD.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L83169-04A	Res-1	3/25/2008 5:10:00 PM	3/27/2008	4/10/2008	Aqueous	TDS-W	ww - tss/tds/ss	1
				4/10/2008		TSS-W-2540D	ww - tss/tds/ss	1
L83169-04B				4/10/2008		2320B-ALK-W	mar 27 - wc	1
				4/10/2008		300.0-W	mar 27 - wc	1
				4/10/2008		ACIDITY-W-2310B	mar 27 - wc	1
				4/10/2008		NO2-W	mar 27 - wc	1
				4/10/2008		NO3-W	mar 27 - wc	1
				4/10/2008		PO4-O	mar 27 - wc	1
L83169-04C				4/10/2008		NH3-W	mar 27 - nh3	1
				4/10/2008		NH3-W-PREP	mar 27 - nh3	1
L83169-04D				4/10/2008		OGB-W	OGBFridge	1
L83169-04E				4/10/2008		3005A-ICPMS	mar 27 - met	1
				4/10/2008		ICP-W	mar 27 - met	1
L83169-04F				4/10/2008	Aqueous-Dissolved	3005A-Diss	mar 27 - dis met	1
				4/10/2008		6020-W-DISS	mar 27 - dis met	1
				4/10/2008		HARD	mar 27 - dis met	1
				4/10/2008		ICP-W-DIS	mar 27 - dis met	1

Client CARBON RESOURCES c/o ROCK LOGIC

Address PO BOX 544

CEDAREDGE CO 81413
City State Zip

Phone (435) 851-9044 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGICCONSULTING@GMAIL.COM

Project Name SOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 83109

Page _____ of _____

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TABLE 3										QC LEVEL / COMMENTS
MUD CREEK	3/25/08 18:45	W	6	✓										
SULFUR SPRING	3/25/08 16:45	W	6	✓										
MILLER OUTLET	3/25/08 17:50	W	6	✓										
RES-1	3/25/08 17:10	W	6	✓										

QC LEVEL: 1 2 2+ 3 3+ 4

COMMENTS

Relinquished By: *Signature* Brad Lindsay	Date	Received By: *Signature*	
PRINT NAME BRAD LINDSAY	Time 1	PRINT NAME	
Relinquished By: *Signature*	Date	Received By: *Signature*	
PRINT NAME	Time	PRINT NAME	
Relinquished By: *Signature*	Date	Received By: *Signature*	
PRINT NAME	Time	PRINT NAME	
Relinquished By: *Signature*	Date 3-27-08	Received By: *Signature* Denise Brown	
PRINT NAME	Time 1025	PRINT NAME Denise Brown	

Special Instructions:

I DID NOT FILTER.

PLEASE MAIL RESULTS & E-MAIL .XLS & .PDF

THANKS!

LABORATORY USE ONLY DB 3/27/08

SAMPLES WERE:

1 Shipped or hand delivered
Notes: UPS

2 Ambient or Chilled
Notes:

3 Temperature 0.5°

4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:

5 Properly Preserved (Y) N
Notes:

6 Received Within Holding Times (Y) N
Notes:

COC Tape Was:

1 Present on Outer Package (Y) (N) NA DB 3/27/08

2 Unbroken on Outer Package (Y) N (NA)

3 Present on Sample (Y) N NA DB 3/27/08

4 Unbroken on Sample (Y) N (NA)
Notes:

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

TABLE 3

¼ gallon HDPE
1 L HDPE
1 L HDPE
1 500 mL HNO3
1 250 mL H2SO4
1 amber L HCL

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

FIELD MEASUREMENTS			REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

LABORATORY MEASUREMENTS			
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
*	-	Acidity	mg/l
*	-	Aluminum (Dissolved)	mg/l
*	-	Arsenic (Dissolved)	mg/l
*	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
*	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
*	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
*	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
*	-	Molybdenum (Dissolved)	mg/l
*	-	Ammonia	mg/l
*	-	Nitrates	mg/l
*	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
*	-	Phosphates(Ortho)	mg/l
*	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
*	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

½ gallon HDPE

Sample Set: 83169

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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September 09, 2008

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413

TEL: (970) 856-6788
FAX:

RE: Scofield Baseline

Lab Set ID: L85972

Dear Brad Lindsay:

American West Analytical Labs received 5 samples on 8/27/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Approved by: _____
Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
84115

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Lab Sample ID: L85972-01F
Field Sample ID: **Aspen Spring**
Collected: 8/26/2008 3:50:00 PM
Received: 8/27/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/5/2008 11:32:00 AM	6010B	0.050	**1.4**
Manganese	mg/L	9/5/2008 11:32:00 AM	6010B	0.0050	**0.22**

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Lab Sample ID: L85972-02F
Field Sample ID: **Sulfur Spring**
Collected: 8/26/2008 5:15:00 PM
Received: 8/27/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/5/2008 11:48:00 AM	6010B	0.050	**0.073**
Manganese	mg/L	9/5/2008 11:48:00 AM	6010B	0.0050	**0.035**

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

Lab Sample ID: L85972-03F
Field Sample ID: **RES-1**
Collected: 8/26/2008 6:20:00 PM
Received: 8/27/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/5/2008 11:52:00 AM	6010B	0.050	**1.1**
Manganese	mg/L	9/5/2008 11:52:00 AM	6010B	0.0050	**0.55**

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Contact: Brad Lindsay
Project ID: Scofield Baseline

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e-mail: awal@awal-labs.com

Lab Sample ID: L85972-04F
Field Sample ID: **Miller Outlet**
Collected: 8/26/2008 6:00:00 PM
Received: 8/27/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/5/2008 11:56:00 AM	6010B	0.050	**1.3**
Manganese	mg/L	9/5/2008 11:56:00 AM	6010B	0.0050	**0.058**

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

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Contact: Brad Lindsay
Project ID: Scofield Baseline

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Lab Sample ID: L85972-05F
Field Sample ID: **Mud Creek**
Collected: 8/26/2008 6:40:00 PM
Received: 8/27/2008

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Iron	mg/L	9/5/2008 2:31:00 PM	6010B	0.050	**0.11**
Manganese	mg/L	9/5/2008 12:08:00 PM	6010B	0.0050	**0.016**

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID: L85972-01E
Field Sample ID: **Aspen Spring**
Collected: 8/26/2008 3:50:00 PM
Received: 8/27/2008

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	9/5/2008 11:40:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/28/2008 5:34:38 PM	6020	0.00060	**0.00092**	
Boron	mg/L	9/5/2008 11:40:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/28/2008 5:34:38 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	9/5/2008 12:26:00 PM	6010B	10	**57**	[2] ~
Copper	mg/L	8/28/2008 5:34:38 PM	6020	0.00080	**0.0022**	
Iron	mg/L	9/5/2008 11:40:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	8/28/2008 5:34:38 PM	6020	0.00040	**0.0011**	
Magnesium	mg/L	9/5/2008 11:40:00 AM	6010B	1.0	**12**	
Manganese	mg/L	8/28/2008 5:34:38 PM	6020	0.0012	**0.053**	
Molybdenum	mg/L	9/5/2008 11:40:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	9/5/2008 11:40:00 AM	6010B	1.0	**10**	
Selenium	mg/L	8/28/2008 5:34:38 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	9/5/2008 12:26:00 PM	6010B	10	**22**	~
Zinc	mg/L	8/28/2008 5:34:38 PM	6020	0.0054	< 0.0054	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.
~ - The reporting limits were raised due to high analyte concentrations.

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INORGANIC ANALYSIS REPORT

Client: Carbon Resources
Project ID: Scofield Baseline

Contact: Brad Lindsay

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID: L85972-02E
Field Sample ID: **Sulfur Spring**
Collected: 8/26/2008 5:15:00 PM
Received: 8/27/2008

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2008 11:55:00 AM	6010B	0.10	< 0.10
Arsenic	mg/L	8/28/2008 6:01:31 PM	6020	0.00060	< 0.00060
Boron	mg/L	9/5/2008 11:55:00 AM	6010B	0.50	< 0.50
Cadmium	mg/L	8/28/2008 6:01:31 PM	6020	0.00018	< 0.00018
Calcium	mg/L	9/5/2008 12:38:00 PM	6010B	10	**88** ~
Copper	mg/L	8/28/2008 6:01:31 PM	6020	0.00080	**0.0011**
Iron	mg/L	9/5/2008 11:55:00 AM	6010B	0.050	< 0.050
Lead	mg/L	8/28/2008 6:01:31 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	9/5/2008 11:55:00 AM	6010B	1.0	**35**
Manganese	mg/L	8/28/2008 6:01:31 PM	6020	0.0012	**0.036**
Molybdenum	mg/L	9/5/2008 11:55:00 AM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2008 11:55:00 AM	6010B	1.0	**5.2**
Selenium	mg/L	8/28/2008 6:01:31 PM	6020	0.00080	< 0.00080
Sodium	mg/L	9/5/2008 11:55:00 AM	6010B	1.0	**9.0**
Zinc	mg/L	8/28/2008 6:01:31 PM	6020	0.0054	**0.011**

~ - *The reporting limits were raised due to high analyte concentrations.*

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Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID: L85972-03E
Field Sample ID: **RES-1**
Collected: 8/26/2008 6:20:00 PM
Received: 8/27/2008

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	9/5/2008 11:59:00 AM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/28/2008 6:06:54 PM	6020	0.00060	**0.0023**	
Boron	mg/L	9/5/2008 11:59:00 AM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/28/2008 6:06:54 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	9/5/2008 12:42:00 PM	6010B	10	**81**	~
Copper	mg/L	8/28/2008 6:06:54 PM	6020	0.00080	**0.0031**	
Iron	mg/L	9/5/2008 11:59:00 AM	6010B	0.050	< 0.050	
Lead	mg/L	8/28/2008 6:06:54 PM	6020	0.00040	< 0.00040	
Magnesium	mg/L	9/5/2008 12:42:00 PM	6010B	10	**56**	~
Manganese	mg/L	8/28/2008 6:06:54 PM	6020	0.0012	**0.11**	
Molybdenum	mg/L	9/5/2008 11:59:00 AM	6010B	0.10	< 0.10	
Potassium	mg/L	9/5/2008 11:59:00 AM	6010B	1.0	**2.5**	
Selenium	mg/L	8/28/2008 6:06:54 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	9/5/2008 12:42:00 PM	6010B	10	**41**	~
Zinc	mg/L	8/28/2008 6:06:54 PM	6020	0.0054	**0.0066**	

~ - The reporting limits were raised due to high analyte concentrations.

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Contact: Brad Lindsay
Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID: L85972-04E
Field Sample ID: **Miller Outlet**
Collected: 8/26/2008 6:00:00 PM
Received: 8/27/2008

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Aluminum	mg/L	9/5/2008 12:03:00 PM	6010B	0.10	< 0.10
Arsenic	mg/L	8/28/2008 6:12:17 PM	6020	0.00060	**0.0010**
Boron	mg/L	9/5/2008 12:03:00 PM	6010B	0.50	< 0.50
Cadmium	mg/L	8/28/2008 6:12:17 PM	6020	0.00018	< 0.00018
Calcium	mg/L	9/5/2008 12:46:00 PM	6010B	10	**63** ~
Copper	mg/L	8/28/2008 6:12:17 PM	6020	0.00080	**0.0016**
Iron	mg/L	9/5/2008 12:03:00 PM	6010B	0.050	< 0.050
Lead	mg/L	8/28/2008 6:12:17 PM	6020	0.00040	< 0.00040
Magnesium	mg/L	9/5/2008 12:03:00 PM	6010B	1.0	**15**
Manganese	mg/L	8/28/2008 6:12:17 PM	6020	0.0012	< 0.0012
Molybdenum	mg/L	9/5/2008 12:03:00 PM	6010B	0.10	< 0.10
Potassium	mg/L	9/5/2008 12:03:00 PM	6010B	1.0	**2.0**
Selenium	mg/L	8/28/2008 6:12:17 PM	6020	0.00080	< 0.00080
Sodium	mg/L	9/5/2008 12:03:00 PM	6010B	1.0	**6.6**
Zinc	mg/L	8/28/2008 6:12:17 PM	6020	0.0054	< 0.0054

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Project ID: Scofield Baseline

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID: L85972-05E
Field Sample ID: **Mud Creek**
Collected: 8/26/2008 6:40:00 PM
Received: 8/27/2008

DISSOLVED METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
Aluminum	mg/L	9/5/2008 12:15:00 PM	6010B	0.10	< 0.10	
Arsenic	mg/L	8/28/2008 6:28:26 PM	6020	0.00060	< 0.00060	
Boron	mg/L	9/5/2008 12:15:00 PM	6010B	0.50	< 0.50	
Cadmium	mg/L	8/28/2008 6:28:26 PM	6020	0.00018	< 0.00018	
Calcium	mg/L	9/5/2008 12:50:00 PM	6010B	10	**63**	~
Copper	mg/L	8/28/2008 6:28:26 PM	6020	0.00080	**0.0019**	
Iron	mg/L	9/5/2008 12:15:00 PM	6010B	0.050	< 0.050	
Lead	mg/L	8/28/2008 6:28:26 PM	6020	0.00040	< 0.00040	
Magnesium	mg/L	9/5/2008 12:15:00 PM	6010B	1.0	**34**	
Manganese	mg/L	8/28/2008 6:28:26 PM	6020	0.0012	**0.011**	
Molybdenum	mg/L	9/5/2008 12:15:00 PM	6010B	0.10	< 0.10	
Potassium	mg/L	9/5/2008 12:15:00 PM	6010B	1.0	**6.1**	
Selenium	mg/L	8/28/2008 6:28:26 PM	6020	0.00080	< 0.00080	
Sodium	mg/L	9/5/2008 12:50:00 PM	6010B	10	**33**	~
Zinc	mg/L	8/28/2008 6:28:26 PM	6020	0.0054	**0.020**	

~ - The reporting limits were raised due to high analyte concentrations.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413
TEL: (970) 856-6788

RE: Scofield Baseline / Ground Water Monitoring

Dear Brad Lindsay:

Lab Set ID: 1009511

American West Analytical Laboratories received 2 sample(s) on 9/29/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

RECEIVED
NOV 0 3 2010
DIV. OF OIL, GAS & MINING

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring
Lab Sample ID: 1009511-001
Client Sample ID: CR-10-12
Collection Date: 9/28/2010 1100h
Received Date: 9/29/2010 0802h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1603h	SW6010C	0.100	**9.38**	[2]
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2101h	SW6020A	0.00120	**0.0961**	

[2] - *Analyte concentration is too high for accurate matrix spike recovery and/or RPD.*

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring
Lab Sample ID: 1009511-002
Client Sample ID: CR-10-11
Collection Date: 9/28/2010 1415h
Received Date: 9/29/2010 0802h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1614h	SW6010C	0.100	**0.815**	
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2142h	SW6020A	0.00120	**0.0162**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring
Lab Sample ID: 1009511-001
Client Sample ID: CR-10-12
Collection Date: 9/28/2010 1100h
Received Date: 9/29/2010 0802h

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Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1721h	SW6010C	10.0	**82.4**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	1.00	**7.38**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.00120	**0.00212**	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	1.00	**1.01**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1836h	SW6010C	1.00	**16.0**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2131h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring
Lab Sample ID: 1009511-002
Client Sample ID: CR-10-11
Collection Date: 9/28/2010 1415h
Received Date: 9/29/2010 0802h

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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1733h	SW6010C	10.0	**78.1**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	1.00	**11.0**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.00120	< 0.00120	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	1.00	**1.12**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.000800	**0.00119**	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1847h	SW6010C	1.00	**10.2**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2150h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring
Lab Sample ID: 1009511-001
Client Sample ID: CR-10-12
Collection Date: 9/28/2010 1100h
Received Date: 9/29/2010 0802h

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Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**177**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0845h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**177**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	10.0	< 10.0	
Chloride	mg/L		10/1/2010 1955h	E300.0	10.0	**27.2**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**236**	
Nitrate (as N)	mg/L		9/29/2010 1521h	E353.2	0.0100	**0.679**	1
Nitrite (as N)	mg/L		9/29/2010 1501h	E353.2	0.0100	**0.0237**	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1604h	E365.1	0.0500	**0.0720**	1
Sulfate	mg/L		10/10/2010 2113h	E300.0	750	**11,500**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**390**	

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring
Lab Sample ID: 1009511-002
Client Sample ID: CR-10-11
Collection Date: 9/28/2010 1415h
Received Date: 9/29/2010 0802h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**217**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0841h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**217**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	10.0	< 10.0	
Chloride	mg/L		10/1/2010 2104h	E300.0	10.0	**20.8**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**240**	
Nitrate (as N)	mg/L		9/29/2010 1525h	E353.2	0.100	**2.68**	
Nitrite (as N)	mg/L		9/29/2010 1514h	E353.2	0.0100	< 0.0100	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1610h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		10/10/2010 2136h	E300.0	750	**11,700**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**306**	

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-8751	Aluminum	mg/L	SW6010C	0.950	1.000	0	95.0	80-120				10/6/2010
LCS-8751	Boron	mg/L	SW6010C	0.968	1.000	0	96.8	80-120				10/6/2010
LCS-8751	Calcium	mg/L	SW6010C	9.09	10.00	0	90.9	80-120				10/6/2010
LCS-8751	Iron	mg/L	SW6010C	0.945	1.000	0	94.5	80-120				10/6/2010
LCS-8751	Magnesium	mg/L	SW6010C	9.39	10.00	0	93.9	80-120				10/6/2010
LCS-8751	Molybdenum	mg/L	SW6010C	0.183	0.2000	0	91.4	80-120				10/6/2010
LCS-8751	Potassium	mg/L	SW6010C	9.71	10.00	0	97.1	80-120				10/6/2010
LCS-8751	Sodium	mg/L	SW6010C	9.44	10.00	0	94.4	80-120				10/6/2010
LCS-8752	Iron	mg/L	SW6010C	1.06	1.000	0	106	80-120				10/5/2010
LCS-8751	Arsenic	mg/L	SW6020A	0.200	0.2000	0	100	85-115				10/1/2010
LCS-8751	Cadmium	mg/L	SW6020A	0.200	0.2000	0	99.9	85-115				10/1/2010
LCS-8751	Copper	mg/L	SW6020A	0.201	0.2000	0	101	85-115				10/1/2010
LCS-8751	Lead	mg/L	SW6020A	0.200	0.2000	0	100	85-115				10/1/2010
LCS-8751	Manganese	mg/L	SW6020A	0.202	0.2000	0	101	85-115				10/1/2010
LCS-8751	Selenium	mg/L	SW6020A	0.204	0.2000	0	102	85-115				10/1/2010
LCS-8751	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				10/1/2010
LCS-8752	Arsenic	mg/L	SW6020A	0.200	0.2000	0	99.9	85-115				9/30/2010
LCS-8752	Cadmium	mg/L	SW6020A	0.199	0.2000	0	99.7	85-115				9/30/2010
LCS-8752	Copper	mg/L	SW6020A	0.201	0.2000	0	100	85-115				9/30/2010
LCS-8752	Lead	mg/L	SW6020A	0.200	0.2000	0	100	85-115				9/30/2010
LCS-8752	Manganese	mg/L	SW6020A	0.200	0.2000	0	99.8	85-115				9/30/2010
LCS-8752	Selenium	mg/L	SW6020A	0.202	0.2000	0	101	85-115				9/30/2010
LCS-8752	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				9/30/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511 **Dept:** ME
Project: Scofield Baseline / Ground Water Monitoring **QC Type:** MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-8751	Aluminum	mg/L	SW6010C	< 0.100				-				10/6/2010
MB-8751	Boron	mg/L	SW6010C	< 0.500				-				10/6/2010
MB-8751	Calcium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8751	Iron	mg/L	SW6010C	< 0.100				-				10/6/2010
MB-8751	Magnesium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8751	Molybdenum	mg/L	SW6010C	< 0.0200				-				10/6/2010
MB-8751	Potassium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8751	Sodium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8752	Iron	mg/L	SW6010C	< 0.100				-				10/5/2010
MB-8751	Arsenic	mg/L	SW6020A	< 0.000600				-				10/1/2010
MB-8751	Cadmium	mg/L	SW6020A	< 0.000180				-				10/1/2010
MB-8751	Copper	mg/L	SW6020A	< 0.000800				-				10/1/2010
MB-8751	Lead	mg/L	SW6020A	< 0.000400				-				10/1/2010
MB-8751	Manganese	mg/L	SW6020A	< 0.00120				-				10/1/2010
MB-8751	Selenium	mg/L	SW6020A	< 0.000800				-				10/1/2010
MB-8751	Zinc	mg/L	SW6020A	< 0.00500				-				10/1/2010
MB-8752	Arsenic	mg/L	SW6020A	< 0.000600				-				9/30/2010
MB-8752	Cadmium	mg/L	SW6020A	< 0.000180				-				9/30/2010
MB-8752	Copper	mg/L	SW6020A	< 0.000800				-				9/30/2010
MB-8752	Lead	mg/L	SW6020A	< 0.000400				-				9/30/2010
MB-8752	Manganese	mg/L	SW6020A	< 0.00120				-				9/30/2010
MB-8752	Selenium	mg/L	SW6020A	< 0.000800				-				9/30/2010
MB-8752	Zinc	mg/L	SW6020A	< 0.00500				-				9/30/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMS	Aluminum	mg/L	SW6010C	0.986	1.000	0	98.6	75-125				10/6/2010
1009508-001EMS	Boron	mg/L	SW6010C	1.23	1.000	0.1526	108	75-125				10/6/2010
1009508-001EMS	Iron	mg/L	SW6010C	0.998	1.000	0	99.8	75-125				10/6/2010
1009508-001EMS	Magnesium	mg/L	SW6010C	42.0	10.00	33.17	88.2	75-125				10/6/2010
1009508-001EMS	Molybdenum	mg/L	SW6010C	0.195	0.2000	0	97.3	75-125				10/6/2010
1009508-001EMS	Potassium	mg/L	SW6010C	16.4	10.00	6.373	100	75-125				10/6/2010
1009511-001DMS	Aluminum	mg/L	SW6010C	0.866	1.000	0	86.6	75-125				10/6/2010
1009511-001DMS	Boron	mg/L	SW6010C	0.955	1.000	0.01937	93.6	75-125				10/6/2010
1009511-001DMS	Iron	mg/L	SW6010C	0.875	1.000	0	87.5	75-125				10/6/2010
1009511-001DMS	Magnesium	mg/L	SW6010C	15.9	10.00	7.380	84.8	75-125				10/6/2010
1009511-001DMS	Molybdenum	mg/L	SW6010C	0.169	0.2000	0	84.7	75-125				10/6/2010
1009511-001DMS	Potassium	mg/L	SW6010C	9.77	10.00	1.011	87.6	75-125				10/6/2010
1009511-001DMS	Sodium	mg/L	SW6010C	24.4	10.00	16.03	83.3	75-125				10/6/2010
1009508-001EMS	Calcium	mg/L	SW6010C	63.1	10.00	53.40	96.9	75-125				10/6/2010
1009508-001EMS	Sodium	mg/L	SW6010C	53.5	10.00	43.17	103	75-125				10/6/2010
1009511-001DMS	Calcium	mg/L	SW6010C	91.4	10.00	82.42	89.4	75-125				10/6/2010
1009508-001FMS	Iron	mg/L	SW6010C	1.27	1.000	0.2070	106	75-125				10/5/2010
1009511-001EMS	Iron	mg/L	SW6010C	10.8	1.000	9.380	142	75-125			2	10/5/2010
1009508-001EMS	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004450	100	75-125				10/1/2010
1009508-001EMS	Cadmium	mg/L	SW6020A	0.200	0.2000	0	100	75-125				10/1/2010
1009508-001EMS	Copper	mg/L	SW6020A	0.195	0.2000	0	97.5	75-125				10/1/2010
1009508-001EMS	Lead	mg/L	SW6020A	0.203	0.2000	0	101	75-125				10/1/2010
1009508-001EMS	Manganese	mg/L	SW6020A	0.206	0.2000	0.006622	99.7	75-125				10/1/2010
1009508-001EMS	Selenium	mg/L	SW6020A	0.202	0.2000	0.0005100	101	75-125				10/1/2010

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511 **Dept:** ME
Project: Scofield Baseline / Ground Water Monitoring **QC Type:** MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMS	Zinc	mg/L	SW6020A	1.01	1.000	0	101	75-125				10/1/2010
1009511-001DMS	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004980	100	75-125				10/1/2010
1009511-001DMS	Cadmium	mg/L	SW6020A	0.197	0.2000	0.00008100	98.5	75-125				10/1/2010
1009511-001DMS	Copper	mg/L	SW6020A	0.201	0.2000	0.0004650	100	75-125				10/1/2010
1009511-001DMS	Lead	mg/L	SW6020A	0.201	0.2000	0	100	75-125				10/1/2010
1009511-001DMS	Manganese	mg/L	SW6020A	0.204	0.2000	0.002118	101	75-125				10/1/2010
1009511-001DMS	Selenium	mg/L	SW6020A	0.201	0.2000	0.0006810	100	75-125				10/1/2010
1009511-001DMS	Zinc	mg/L	SW6020A	0.990	1.000	0	99.0	75-125				10/1/2010
1009522-001BMS	Manganese	mg/L	SW6020A	0.223	0.2000	0.02429	99.4	75-125				10/1/2010
1009508-001FMS	Manganese	mg/L	SW6020A	0.220	0.2000	0.02004	99.9	75-125				9/30/2010
1009511-001EMS	Manganese	mg/L	SW6020A	0.297	0.2000	0.09608	101	75-125				9/30/2010
1009533-001FMS	Arsenic	mg/L	SW6020A	0.287	0.2000	0.09053	98.2	75-125				9/30/2010
1009533-001FMS	Cadmium	mg/L	SW6020A	0.195	0.2000	0.0002780	97.4	75-125				9/30/2010
1009533-001FMS	Copper	mg/L	SW6020A	0.203	0.2000	0.002522	100	75-125				9/30/2010
1009533-001FMS	Lead	mg/L	SW6020A	0.200	0.2000	0	100	75-125				9/30/2010
1009533-001FMS	Manganese	mg/L	SW6020A	1.81	0.2000	1.663	74.6	75-125			2	9/30/2010
1009533-001FMS	Selenium	mg/L	SW6020A	0.210	0.2000	0.007680	101	75-125				9/30/2010
1009533-001FMS	Zinc	mg/L	SW6020A	1.04	1.000	0.02531	101	75-125				9/30/2010

2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMSD	Aluminum	mg/L	SW6010C	0.970	1.000	0	97.0	75-125	1.67	20		10/6/2010
1009508-001EMSD	Boron	mg/L	SW6010C	1.22	1.000	0.1526	107	75-125	1.08	20		10/6/2010
1009508-001EMSD	Iron	mg/L	SW6010C	0.962	1.000	0	96.2	75-125	3.61	20		10/6/2010
1009508-001EMSD	Magnesium	mg/L	SW6010C	40.8	10.00	33.17	75.8	75-125	3.00	20		10/6/2010
1009508-001EMSD	Molybdenum	mg/L	SW6010C	0.193	0.2000	0	96.3	75-125	1.09	20		10/6/2010
1009508-001EMSD	Potassium	mg/L	SW6010C	15.9	10.00	6.373	95.7	75-125	2.86	20		10/6/2010
1009511-001DMSD	Aluminum	mg/L	SW6010C	0.969	1.000	0	96.9	75-125	11.2	20		10/6/2010
1009511-001DMSD	Boron	mg/L	SW6010C	1.06	1.000	0.01937	104	75-125	10.8	20		10/6/2010
1009511-001DMSD	Iron	mg/L	SW6010C	0.944	1.000	0	94.4	75-125	7.62	20		10/6/2010
1009511-001DMSD	Magnesium	mg/L	SW6010C	16.6	10.00	7.380	92.4	75-125	4.64	20		10/6/2010
1009511-001DMSD	Molybdenum	mg/L	SW6010C	0.188	0.2000	0	94.0	75-125	10.4	20		10/6/2010
1009511-001DMSD	Potassium	mg/L	SW6010C	10.7	10.00	1.011	96.7	75-125	8.90	20		10/6/2010
1009511-001DMSD	Sodium	mg/L	SW6010C	25.0	10.00	16.03	89.5	75-125	2.51	20		10/6/2010
1009508-001EMSD	Calcium	mg/L	SW6010C	65.4	10.00	53.40	121	75-125	3.67	20		10/6/2010
1009508-001EMSD	Sodium	mg/L	SW6010C	54.9	10.00	43.17	117	75-125	2.59	20		10/6/2010
1009511-001DMSD	Calcium	mg/L	SW6010C	92.0	10.00	82.42	96.0	75-125	0.711	20		10/6/2010
1009508-001FMSD	Iron	mg/L	SW6010C	1.30	1.000	0.2070	109	75-125	2.33	20		10/5/2010
1009511-001EMSD	Iron	mg/L	SW6010C	10.9	1.000	9.380	152	75-125	0.922	20	2	10/5/2010
1009508-001EMSD	Arsenic	mg/L	SW6020A	0.202	0.2000	0.0004450	101	75-125	0.144	20		10/1/2010
1009508-001EMSD	Cadmium	mg/L	SW6020A	0.200	0.2000	0	100	75-125	0.00600	20		10/1/2010
1009508-001EMSD	Copper	mg/L	SW6020A	0.196	0.2000	0	98.0	75-125	0.554	20		10/1/2010
1009508-001EMSD	Lead	mg/L	SW6020A	0.201	0.2000	0	101	75-125	0.801	20		10/1/2010
1009508-001EMSD	Manganese	mg/L	SW6020A	0.203	0.2000	0.006622	98.3	75-125	1.38	20		10/1/2010
1009508-001EMSD	Selenium	mg/L	SW6020A	0.200	0.2000	0.0005100	99.9	75-125	0.657	20		10/1/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511 **Dept:** ME
Project: Scofield Baseline / Ground Water Monitoring **QC Type:** MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMSD	Zinc	mg/L	SW6020A	1.00	1.000	0	100	75-125	0.326	20		10/1/2010
1009522-001BMSD	Manganese	mg/L	SW6020A	0.223	0.2000	0.02429	99.5	75-125	0.0699	20		10/1/2010
1009511-001DMSD	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004980	100	75-125	0.195	20		10/1/2010
1009511-001DMSD	Cadmium	mg/L	SW6020A	0.198	0.2000	0.00008100	99.2	75-125	0.700	20		10/1/2010
1009511-001DMSD	Copper	mg/L	SW6020A	0.201	0.2000	0.0004650	100	75-125	0.0911	20		10/1/2010
1009511-001DMSD	Lead	mg/L	SW6020A	0.200	0.2000	0	99.9	75-125	0.462	20		10/1/2010
1009511-001DMSD	Manganese	mg/L	SW6020A	0.205	0.2000	0.002118	101	75-125	0.380	20		10/1/2010
1009511-001DMSD	Selenium	mg/L	SW6020A	0.202	0.2000	0.0006810	100	75-125	0.388	20		10/1/2010
1009511-001DMSD	Zinc	mg/L	SW6020A	0.987	1.000	0	98.7	75-125	0.281	20		10/1/2010
1009508-001FMSD	Manganese	mg/L	SW6020A	0.222	0.2000	0.02004	101	75-125	0.954	20		9/30/2010
1009511-001EMSD	Manganese	mg/L	SW6020A	0.298	0.2000	0.09608	101	75-125	0.0988	20		9/30/2010
1009533-001FMSD	Arsenic	mg/L	SW6020A	0.288	0.2000	0.09053	98.8	75-125	0.381	20		9/30/2010
1009533-001FMSD	Cadmium	mg/L	SW6020A	0.194	0.2000	0.0002780	96.8	75-125	0.549	20		9/30/2010
1009533-001FMSD	Copper	mg/L	SW6020A	0.203	0.2000	0.002522	100	75-125	0.0113	20		9/30/2010
1009533-001FMSD	Lead	mg/L	SW6020A	0.200	0.2000	0	100	75-125	0.00150	20		9/30/2010
1009533-001FMSD	Manganese	mg/L	SW6020A	1.76	0.2000	1.663	49.1	75-125	2.86	20	2	9/30/2010
1009533-001FMSD	Selenium	mg/L	SW6020A	0.211	0.2000	0.007680	101	75-125	0.299	20		9/30/2010
1009533-001FMSD	Zinc	mg/L	SW6020A	1.03	1.000	0.02531	101	75-125	0.706	20		9/30/2010

2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: WC
QC Type: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001ADUP	Total Dissolved Solids	mg/L	A2540C	404		412.0		-	1.96	5		10/1/2010
1009511-001ADUP	Total Dissolved Solids	mg/L	A2540C	394		390.0		-	1.02	5		10/1/2010
1009533-001HDUP	Total Dissolved Solids	mg/L	A2540C	1,140		1,132		-	1.05	5		10/1/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511 **Dept:** WC
Project: Scofield Baseline / Ground Water Monitoring **QC Type:** LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R19058	Chloride	mg/L	E300.0	4.54	5.000	0	90.7	90-110				10/1/2010
LCS-R19058	Sulfate	mg/L	E300.0	4.87	5.000	0	97.4	90-110				10/1/2010
LCS-R19235	Sulfate	mg/L	E300.0	5.46	5.000	0	109	90-110				10/10/2010
LCS-R18965	Acidity	mg/L	A2310B	48.0	50.00	0	96.0	80-120				9/30/2010
LCS-R18966	Alkalinity (as CaCO3)	mg/L	A2320B	51,600	50,000	0	103	90-110				9/30/2010
LCS-8769	Ammonia (as N)	mg/L	E350.1	1.09	1.000	0	109	90-110				10/4/2010
LCS-R18919	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.962	1.000	0.005800	95.6	90-110				9/29/2010
LCS-R19081	Total Dissolved Solids	mg/L	A2540C	192	205.0	0	93.7	80-120				10/1/2010

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R19058	Chloride	mg/L	E300.0	< 0.100				-				10/1/2010
MB-R19058	Sulfate	mg/L	E300.0	< 0.750				-				10/1/2010
MB-R19235	Sulfate	mg/L	E300.0	< 0.750				-				10/10/2010
MB-R18965	Acidity	mg/L	A2310B	< 15.0				-				9/30/2010
MB-R18966	Alkalinity (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-R18966	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-R18966	Carbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-8769	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				10/4/2010
MB-R18919	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.0500				-				9/29/2010
MB-R19081	Total Dissolved Solids	mg/L	A2540C	< 10.0				-				10/1/2010

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009507-005CMS	Sulfate	mg/L	E300.0	6.91	5.000	1.929	99.6	90-110				10/1/2010
1009508-004BMS	Chloride	mg/L	E300.0	55.7	50.00	10.05	91.4	90-110				10/1/2010
1009508-004BMS	Sulfate	mg/L	E300.0	73.0	50.00	23.46	99.0	90-110				10/1/2010
1009511-001BMS	Chloride	mg/L	E300.0	480	500.0	0	96.0	90-110				10/1/2010
1009522-001AMS	Chloride	mg/L	E300.0	65.6	25.00	39.76	103	90-110				10/1/2010
1009522-001AMS	Sulfate	mg/L	E300.0	36.1	25.00	11.88	96.8	90-110				10/1/2010
1009533-001DMS	Chloride	mg/L	E300.0	140	50.00	86.55	106	90-110				10/2/2010
1009533-001DMS	Sulfate	mg/L	E300.0	185	50.00	133.8	102	90-110				10/2/2010
1009511-002BMS	Sulfate	mg/L	E300.0	17,100	5,000	11,710	109	90-110				10/10/2010
1009508-005BMS	Acidity	mg/L	A2310B	46.0	50.00	0	92.0	80-120				9/30/2010
1009511-001BMS	Acidity	mg/L	A2310B	52.0	50.00	0	104	80-120				9/30/2010
1009508-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	338	100.0	238.0	100	80-120				9/30/2010
1009511-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	280	100.0	177.0	103	80-120				9/30/2010
1009522-001AMS	Alkalinity (as CaCO3)	mg/L	A2320B	1,570	500.0	1,059	101	80-120				9/30/2010
1009533-001DMS	Alkalinity (as CaCO3)	mg/L	A2320B	1,430	500.0	893.0	107	80-120				9/30/2010
1009508-001DMS	Ammonia (as N)	mg/L	E350.1	1.03	1.000	0	103	90-110				10/4/2010
1009511-002CMS	Ammonia (as N)	mg/L	E350.1	1.00	1.000	0	100	90-110				10/4/2010
1009533-001EMS	Ammonia (as N)	mg/L	E350.1	1.08	1.000	0.3142	76.9	90-110			'	10/4/2010
1009508-001BMS	Nitrite (as N)	mg/L	E353.2	1.09	1.000	0	109	90-110				9/29/2010
1009511-001BMS	Nitrite (as N)	mg/L	E353.2	1.10	1.000	0.02370	108	90-110				9/29/2010
1009508-001BMS	Nitrate (as N)	mg/L	E353.2	1.13	1.000	0.009300	112	90-110			'	9/29/2010
1009507-005CMS	Nitrate (as N)	mg/L	E353.2	0.790	1.000	0	79.0	90-110			'	9/29/2010
1009511-001BMS	Nitrate (as N)	mg/L	E353.2	18.4	10.00	0.6793	177	90-110			'	9/29/2010
1009508-001BMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.919	1.000	0.03440	88.5	90-110			'	9/29/2010

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009511-001BMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.924	1.000	0.07200	85.2	90-110			1	9/29/2010

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009507-005CMSD	Sulfate	mg/L	E300.0	6.86	5.000	1.929	98.5	90-110	0.799	20		10/1/2010
1009508-004BMSD	Chloride	mg/L	E300.0	55.4	50.00	10.05	90.7	90-110	0.569	20		10/1/2010
1009508-004BMSD	Sulfate	mg/L	E300.0	72.8	50.00	23.46	98.6	90-110	0.268	20		10/1/2010
1009511-001BMSD	Chloride	mg/L	E300.0	478	500.0	0	95.6	90-110	0.394	20		10/1/2010
1009522-001AMSD	Chloride	mg/L	E300.0	65.1	25.00	39.76	101	90-110	0.747	20		10/1/2010
1009522-001AMSD	Sulfate	mg/L	E300.0	35.5	25.00	11.88	94.6	90-110	1.53	20		10/1/2010
1009533-001DMSD	Chloride	mg/L	E300.0	140	50.00	86.55	107	90-110	0.233	20		10/2/2010
1009533-001DMSD	Sulfate	mg/L	E300.0	185	50.00	133.8	103	90-110	0.228	20		10/2/2010
1009511-002BMSD	Sulfate	mg/L	E300.0	17,200	5,000	11,710	109	90-110	0.221	20		10/10/2010
1009508-005BMSD	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120	8.33	0		9/30/2010
1009511-001BMSD	Acidity	mg/L	A2310B	52.0	50.00	0	104	80-120	0	0		9/30/2010
1009508-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	340	100.0	238.0	102	80-120	0.590	10		9/30/2010
1009511-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	284	100.0	177.0	107	80-120	1.42	10		9/30/2010
1009522-001AMSD	Alkalinity (as CaCO3)	mg/L	A2320B	1,580	500.0	1,059	105	80-120	1.14	10		9/30/2010
1009533-001DMSD	Alkalinity (as CaCO3)	mg/L	A2320B	1,400	500.0	893.0	101	80-120	1.84	10		9/30/2010
1009508-001DMSD	Ammonia (as N)	mg/L	E350.1	1.06	1.000	0	106	90-110	3.06	10		10/4/2010
1009511-002CMSD	Ammonia (as N)	mg/L	E350.1	1.01	1.000	0	101	90-110	0.259	10		10/4/2010
1009533-001EMSD	Ammonia (as N)	mg/L	E350.1	1.19	1.000	0.3142	87.9	90-110	9.67	10	'	10/4/2010
1009508-001BMSD	Nitrite (as N)	mg/L	E353.2	1.10	1.000	0	110	90-110	1.11	10	'	9/29/2010
1009511-001BMSD	Nitrite (as N)	mg/L	E353.2	1.11	1.000	0.02370	109	90-110	0.929	10		9/29/2010
1009508-001BMSD	Nitrate (as N)	mg/L	E353.2	1.13	1.000	0.009300	112	90-110	0.222	10	'	9/29/2010
1009507-005CMSD	Nitrate (as N)	mg/L	E353.2	0.788	1.000	0	78.8	90-110	0.254	10	'	9/29/2010
1009511-001BMSD	Nitrate (as N)	mg/L	E353.2	17.0	10.00	0.6793	163	90-110	7.86	10	'	9/29/2010
1009508-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.955	1.000	0.03440	92.0	90-110	3.81	10		9/29/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009511
Project: Scofield Baseline / Ground Water Monitoring

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009511-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.994	1.000	0.07200	92.2	90-110	7.33	10		9/29/2010

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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American West Analytical Laboratories

WORK ORDER Summary

Work Order: 1009511

Page 1 of 2

Client: Carbon Resources

Client ID: CAR300 **Contact:** Brad Lindsay

Project: Scofield Baseline / Ground Water Monitoring **QC Level:** LEVEL II+ **WO Type:** Project

Comments: QC 2+, EDD;

HOK-HOK-DB

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009511-001A	CR-10-12	9/28/2010 11:00:00 AM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	TDS-W-2540C	☐	ww - tds	1
1009511-001B				10/13/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009511-001C				10/13/2010		NH3-W-350.1	☐	df / nh3	
				10/13/2010		NH3-W-PR	☐	df / nh3	
1009511-001D				10/13/2010		3005A-DIS-PR	☐	df / dis/met	2
				10/13/2010		6010C-DIS	☑	df / dis/met	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	df / dis/met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	df / dis/met	
1009511-001E				10/13/2010		3005A-ICPMS-PR	☐	df / total metals	1
				10/13/2010		6010C-W	☑	df / total metals	
	SEL Analytes: FE								
				10/13/2010		6020-W	☑	df / total metals	
	SEL Analytes: MN								
1009511-002A	CR-10-11	9/28/2010 2:15:00 PM		10/13/2010		TDS-W-2540C	☐	ww - tds	

WORK ORDER Summary

Work Order: 1009511

Client: Carbon Resources
Client ID: CAR300 **Contact:** Brad Lindsay
Project: Scofield Baseline / Ground Water Monitoring **QC Level:** LEVEL II+
Comments: QC 2+, EDD;

9/29/2010
WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009511-002B	CR-10-11	9/28/2010 2:15:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	300.0-W	☑	DF - wc	1
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009511-002C				10/13/2010		NH3-W-350.1	☐	df / nh3	
				10/13/2010		NH3-W-PR	☐	df / nh3	
1009511-002D				10/13/2010		3005A-DIS-PR	☐	df / dismet	2
				10/13/2010		6010C-DIS	☑	df / dismet	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	df / dismet	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	df / dismet	
1009511-002E				10/13/2010		3005A-ICPMS-PR	☐	df / total met	1
				10/13/2010		6010C-W	☑	df / total met	
	SEL Analytes: FE								
				10/13/2010		6020-W	☑	df / total met	
	SEL Analytes: MN								

Client CARBON RESOURCES c/o ROCK LOGIC

Address PO BOX 544

CEDAREDGE CO 81413
City State Zip

Phone (435) 851-9044 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGICCONSULTING@GMAIL.COM

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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CHAIN OF CUSTODY

Lab Sample Set # 1009508

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: TABLE 4	TABLE 3	QC LEVEL	COMMENTS
CR-10-12	9/22/10 / 11:00	W	6	✓		1 2 2+ 3 3+ 4	1009511
CR-10-11	/ 14:15		6	✓			
MUD CREEK	/ 12:00		7		✓		
SULFUR SPRING	/ 12:35		7		✓		
RES-1	/ 12:50		7		✓		1009508
MILLER OUTLET	/ 13:20		7		✓		
ASPEN SPRING	/ 17:45		7		✓		

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or Hand delivered
Notes:

2 Ambient or Chilled
Notes: on ice

3 Temperature 3.5

4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:

5 Properly Preserved Y N
Checked at Bench Y N
Notes:

6 Received Within Holding Times Y N
Notes:

COC Tape Was:

1 Present on Outer Package Y N NA

2 Unbroken on Outer Package Y N NA

3 Present on Sample Y N NA

4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
BRAD LINDSAY	9/28/10	JEFFREY LINDSAY	9/28/10
PRINT NAME	Time 19:30	PRINT NAME	Time 19:30
JEFFREY LINDSAY	9/29/10 8:02	PRINT NAME	9/29/10 8:02
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time

Special Instructions:

PLEASE FILTER

TABLE 4 SHOULD BE TITLED "GROUND WATER MONITORING..."

TABLE 3 SHOULD BE TITLED "SURFACE WATER MONITORING..."

TABLE 4

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Temperature	°C

LABORATORY MEASUREMENTS

*	-	Total Dissolved Solids		mg/l
*	-	Total Hardness ($CaCO_3$)		mg/l
*	-	Total Alkalinity		mg/l
	-	Acidity		mg/l
	-	Aluminum (Dissolved)		mg/l
	-	Arsenic (Dissolved)		mg/l
	-	Boron (Dissolved)[1]		mg/l
*	-	Carbonate		mg/l
*	-	Bicarbonate		mg/l
	-	Cadmium (Dissolved)		mg/l
*	-	Calcium (Dissolved)		mg/l
*	-	Chloride	mg/l	
	-	Copper (Dissolved)		mg/l
*	-	Iron (Dissolved)		mg/l
*	-	Iron (Total)		mg/l
	-	Lead (Dissolved)	mg/l	
*	-	Magnesium (Dissolved)		mg/l
*	-	Manganese (Dissolved)		mg/l
*	-	Manganese (Total)		mg/l
	-	Molybdenum (Dissolved)		mg/l
	-	Ammonia		mg/l
	-	Nitrates		mg/l
	-	Nitrites		mg/l
*	-	Potassium (Dissolved)		mg/l
	-	Phosphate (Ortho)		mg/l
	-	Selenium[1] (Dissolved)		mg/l
*	-	Sodium (Dissolved)		mg/l
*	-	Sulfate		mg/l
	-	Zinc (Dissolved)	mg/l	
*	-	Cations		meq/l
*	-	Anions		meq/l

1 These parameters should be analyzed in the baseline for all sites and included as operational at waste rock sites only.
\- Indicates parameters recommended for Baseline monitoring.
* Indicates parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.

Sample Set: 100951

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL																
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Brad Lindsay
Carbon Resources
PO Box 544
Cedaredge, CO 81413
TEL: (970) 856-6788

RE: Scofield Baseline / Surface Water Monitoring

Dear Brad Lindsay: Lab Set ID: 1009508

American West Analytical Laboratories received 5 sample(s) on 9/29/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-001
Client Sample ID: Mud Creek
Collection Date: 9/28/2010 1200h
Received Date: 9/29/2010 0802h

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Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1753h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1753h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1639h	SW6010C	10.0	**53.4**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1753h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1753h	SW6010C	1.00	**33.2**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.00120	**0.00662**	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1753h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1753h	SW6010C	1.00	**6.37**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1639h	SW6010C	10.0	**43.2**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2017h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-002
Client Sample ID: Sulfur Spring
Collection Date: 9/28/2010 1235h
Received Date: 9/29/2010 0802h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1651h	SW6010C	10.0	**89.4**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	1.00	**33.7**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.00120	**0.0271**	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	1.00	**4.65**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1808h	SW6010C	1.00	**8.21**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2048h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-003
Client Sample ID: RES-1
Collection Date: 9/28/2010 1250h
Received Date: 9/29/2010 0802h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.000600	**0.00305**	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	1.00	**47.8**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.000800	**0.00125**	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1655h	SW6010C	10.0	**75.5**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.00120	**0.244**	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	1.00	**10.5**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1812h	SW6010C	1.00	**34.4**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2054h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-004
Client Sample ID: Miller Outlet
Collection Date: 9/28/2010 1320h
Received Date: 9/29/2010 0802h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1659h	SW6010C	10.0	**67.9**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	0.100	< 0.100	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	1.00	**16.5**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.00120	**0.00161**	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	1.00	**2.08**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1816h	SW6010C	1.00	**6.21**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2059h	SW6020A	0.00500	< 0.00500	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-005
Client Sample ID: Aspen Spring
Collection Date: 9/28/2010 1745h
Received Date: 9/29/2010 0802h

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Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.000600	**0.00162**	
Boron	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	1.00	**35.1**	
Copper	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.000800	**0.00267**	
Iron	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	0.100	**0.213**	
Lead	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	1.00	**10.9**	
Manganese	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.00120	**0.0106**	
Molybdenum	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	1.00	**24.1**	
Selenium	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	9/30/2010 1321h	10/6/2010 1820h	SW6010C	1.00	**11.1**	
Zinc	mg/L	9/30/2010 1321h	10/1/2010 2125h	SW6020A	0.00500	< 0.00500	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-001
Client Sample ID: Mud Creek
Collection Date: 9/28/2010 1200h
Received Date: 9/29/2010 0802h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1520h	SW6010C	0.100	**0.207**	
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2020h	SW6020A	0.00120	**0.0200**	

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline / Surface Water Monitoring		
Lab Sample ID:	1009508-002		
Client Sample ID:	Sulfur Spring		
Collection Date:	9/28/2010 1235h		
Received Date:	9/29/2010 0802h		

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Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1536h	SW6010C	0.100	< 0.100	
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2038h	SW6020A	0.00120	**0.0272**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-003
Client Sample ID: RES-1
Collection Date: 9/28/2010 1250h
Received Date: 9/29/2010 0802h

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Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1551h	SW6010C	0.100	**1.95**	
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2044h	SW6020A	0.00120	**0.405**	

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline / Surface Water Monitoring		
Lab Sample ID:	1009508-004		
Client Sample ID:	Miller Outlet		
Collection Date:	9/28/2010 1320h		
Received Date:	9/29/2010 0802h		

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TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1555h	SW6010C	0.100	**0.628**	
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2049h	SW6020A	0.00120	**0.0263**	

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Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Scofield Baseline / Surface Water Monitoring		
Lab Sample ID:	1009508-005		
Client Sample ID:	Aspen Spring		
Collection Date:	9/28/2010 1745h		
Received Date:	9/29/2010 0802h		

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	9/30/2010 1324h	10/5/2010 1559h	SW6010C	0.100	**25.8**	
Manganese	mg/L	9/30/2010 1324h	9/30/2010 2055h	SW6020A	0.00120	**0.609**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-001
Client Sample ID: Mud Creek
Collection Date: 9/28/2010 1200h
Received Date: 9/29/2010 0802h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**238**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0826h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**238**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	10.0	< 10.0	
Chloride	mg/L		10/1/2010 1712h	E300.0	1.00	**14.1**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**270**	
Nitrate (as N)	mg/L		9/29/2010 1442h	E353.2	0.0100	< 0.0100	1
Nitrite (as N)	mg/L		9/29/2010 1442h	E353.2	0.0100	< 0.0100	1
Oil & Grease	mg/L		9/29/2010 1358h	E1664A	3.00	**3.10**	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1558h	E365.1	0.0500	< 0.0500	1
Settleable Solids	mL/L		9/29/2010 1325h	A2540F	0.100	< 0.100	
Sulfate	mg/L		10/1/2010 1712h	E300.0	7.50	**122**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**412**	
Total Suspended Solids	mg/L		9/29/2010 1530h	A2540D	3.00	**13.0**	

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-002
Client Sample ID: Sulfur Spring
Collection Date: 9/28/2010 1235h
Received Date: 9/29/2010 0802h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**343**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0830h	E350.1	0.0500	**0.142**	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**343**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	10.0	< 10.0	
Chloride	mg/L		9/29/2010 2106h	E300.0	1.00	**6.63**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**362**	
Nitrate (as N)	mg/L		9/29/2010 1455h	E353.2	0.0100	< 0.0100	
Nitrite (as N)	mg/L		9/29/2010 1455h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		9/29/2010 1358h	E1664A	3.00	**3.10**	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1601h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		9/29/2010 1325h	A2540F	0.100	< 0.100	
Sulfate	mg/L		9/29/2010 2106h	E300.0	7.50	**43.3**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**388**	
Total Suspended Solids	mg/L		9/29/2010 1530h	A2540D	3.00	< 3.00	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-003
Client Sample ID: RES-1
Collection Date: 9/28/2010 1250h
Received Date: 9/29/2010 0802h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**406**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0831h	E350.1	0.0500	**0.0642**	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**315**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**91.0**	
Chloride	mg/L		9/29/2010 2129h	E300.0	1.00	**68.3**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**430**	
Nitrate (as N)	mg/L		9/29/2010 1457h	E353.2	0.0100	**0.200**	
Nitrite (as N)	mg/L		9/29/2010 1457h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		9/29/2010 1358h	E1664A	3.00	**3.24**	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1602h	E365.1	0.0500	**0.0770**	
Settleable Solids	mL/L		9/29/2010 1325h	A2540F	0.100	**4.70**	
Sulfate	mg/L		9/29/2010 2129h	E300.0	7.50	**11.6**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**568**	
Total Suspended Solids	mg/L		9/29/2010 1530h	A2540D	3.00	**67.0**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-004
Client Sample ID: Miller Outlet
Collection Date: 9/28/2010 1320h
Received Date: 9/29/2010 0802h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**217**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0832h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**214**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	< 20.0	
Chloride	mg/L		10/1/2010 1735h	E300.0	1.00	**10.1**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**238**	
Nitrate (as N)	mg/L		9/29/2010 1458h	E353.2	0.0100	< 0.0100	
Nitrite (as N)	mg/L		9/29/2010 1458h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		9/29/2010 1358h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1602h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		9/29/2010 1325h	A2540F	0.100	< 0.100	
Sulfate	mg/L		10/1/2010 1735h	E300.0	7.50	**23.5**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**272**	
Total Suspended Solids	mg/L		9/29/2010 1530h	A2540D	3.00	**20.0**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring
Lab Sample ID: 1009508-005
Client Sample ID: Aspen Spring
Collection Date: 9/28/2010 1745h
Received Date: 9/29/2010 0802h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		9/30/2010 1110h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**124**	
Ammonia (as N)	mg/L	10/1/2010 1019h	10/4/2010 0833h	E350.1	0.0500	**1.63**	
Bicarbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	20.0	**124**	
Carbonate (as CaCO3)	mg/L		9/30/2010 1015h	A2320B	10.0	< 10.0	
Chloride	mg/L		10/1/2010 1931h	E300.0	0.500	**36.1**	
Hardness (as CaCO3)	mg/L		10/6/2010	A2340B	10.0	**128**	
Nitrate (as N)	mg/L		9/29/2010 1459h	E353.2	0.0100	< 0.0100	
Nitrite (as N)	mg/L		9/29/2010 1459h	E353.2	0.0100	**0.0605**	
Oil & Grease	mg/L		9/29/2010 1358h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		9/29/2010 1603h	E365.1	0.0500	**0.118**	
Settleable Solids	mL/L		9/29/2010 1325h	A2540F	0.100	**1.50**	
Sulfate	mg/L		10/1/2010 1931h	E300.0	3.75	**29.1**	
Total Dissolved Solids	mg/L		10/1/2010 1330h	A2540C	10.0	**342**	
Total Suspended Solids	mg/L		9/29/2010 1530h	A2540D	15.0	**344**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-8751	Aluminum	mg/L	SW6010C	0.950	1.000	0	95.0	80-120				10/6/2010
LCS-8751	Boron	mg/L	SW6010C	0.968	1.000	0	96.8	80-120				10/6/2010
LCS-8751	Calcium	mg/L	SW6010C	9.09	10.00	0	90.9	80-120				10/6/2010
LCS-8751	Iron	mg/L	SW6010C	0.945	1.000	0	94.5	80-120				10/6/2010
LCS-8751	Magnesium	mg/L	SW6010C	9.39	10.00	0	93.9	80-120				10/6/2010
LCS-8751	Molybdenum	mg/L	SW6010C	0.183	0.2000	0	91.4	80-120				10/6/2010
LCS-8751	Potassium	mg/L	SW6010C	9.71	10.00	0	97.1	80-120				10/6/2010
LCS-8751	Sodium	mg/L	SW6010C	9.44	10.00	0	94.4	80-120				10/6/2010
LCS-8752	Iron	mg/L	SW6010C	1.06	1.000	0	106	80-120				10/5/2010
LCS-8751	Arsenic	mg/L	SW6020A	0.200	0.2000	0	100	85-115				10/1/2010
LCS-8751	Cadmium	mg/L	SW6020A	0.200	0.2000	0	99.9	85-115				10/1/2010
LCS-8751	Copper	mg/L	SW6020A	0.201	0.2000	0	101	85-115				10/1/2010
LCS-8751	Lead	mg/L	SW6020A	0.200	0.2000	0	100	85-115				10/1/2010
LCS-8751	Manganese	mg/L	SW6020A	0.202	0.2000	0	101	85-115				10/1/2010
LCS-8751	Selenium	mg/L	SW6020A	0.204	0.2000	0	102	85-115				10/1/2010
LCS-8751	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				10/1/2010
LCS-8752	Arsenic	mg/L	SW6020A	0.200	0.2000	0	99.9	85-115				9/30/2010
LCS-8752	Cadmium	mg/L	SW6020A	0.199	0.2000	0	99.7	85-115				9/30/2010
LCS-8752	Copper	mg/L	SW6020A	0.201	0.2000	0	100	85-115				9/30/2010
LCS-8752	Lead	mg/L	SW6020A	0.200	0.2000	0	100	85-115				9/30/2010
LCS-8752	Manganese	mg/L	SW6020A	0.200	0.2000	0	99.8	85-115				9/30/2010
LCS-8752	Selenium	mg/L	SW6020A	0.202	0.2000	0	101	85-115				9/30/2010
LCS-8752	Zinc	mg/L	SW6020A	1.01	1.000	0	101	85-115				9/30/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: ME
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-8751	Aluminum	mg/L	SW6010C	< 0.100				-				10/6/2010
MB-8751	Boron	mg/L	SW6010C	< 0.500				-				10/6/2010
MB-8751	Calcium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8751	Iron	mg/L	SW6010C	< 0.100				-				10/6/2010
MB-8751	Magnesium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8751	Molybdenum	mg/L	SW6010C	< 0.0200				-				10/6/2010
MB-8751	Potassium	mg/L	SW6010C	< 1.00				-				10/6/2010
MB-8751	Sodium	mg/L	SW6010C	< 1.00				-				10/5/2010
MB-8752	Iron	mg/L	SW6010C	< 0.100				-				10/1/2010
MB-8751	Arsenic	mg/L	SW6020A	< 0.000600				-				10/1/2010
MB-8751	Cadmium	mg/L	SW6020A	< 0.000180				-				10/1/2010
MB-8751	Copper	mg/L	SW6020A	< 0.000800				-				10/1/2010
MB-8751	Lead	mg/L	SW6020A	< 0.000400				-				10/1/2010
MB-8751	Manganese	mg/L	SW6020A	< 0.00120				-				10/1/2010
MB-8751	Selenium	mg/L	SW6020A	< 0.000800				-				10/1/2010
MB-8751	Zinc	mg/L	SW6020A	< 0.00500				-				9/30/2010
MB-8752	Arsenic	mg/L	SW6020A	< 0.000600				-				9/30/2010
MB-8752	Cadmium	mg/L	SW6020A	< 0.000180				-				9/30/2010
MB-8752	Copper	mg/L	SW6020A	< 0.000800				-				9/30/2010
MB-8752	Lead	mg/L	SW6020A	< 0.000400				-				9/30/2010
MB-8752	Manganese	mg/L	SW6020A	< 0.00120				-				9/30/2010
MB-8752	Selenium	mg/L	SW6020A	< 0.000800				-				9/30/2010
MB-8752	Zinc	mg/L	SW6020A	< 0.00500				-				9/30/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMS	Aluminum	mg/L	SW6010C	0.986	1.000	0	98.6	75-125				10/6/2010
1009508-001EMS	Boron	mg/L	SW6010C	1.23	1.000	0.1526	108	75-125				10/6/2010
1009508-001EMS	Iron	mg/L	SW6010C	0.998	1.000	0	99.8	75-125				10/6/2010
1009508-001EMS	Magnesium	mg/L	SW6010C	42.0	10.00	33.17	88.2	75-125				10/6/2010
1009508-001EMS	Molybdenum	mg/L	SW6010C	0.195	0.2000	0	97.3	75-125				10/6/2010
1009508-001EMS	Potassium	mg/L	SW6010C	16.4	10.00	6.373	100	75-125				10/6/2010
1009511-001DMS	Aluminum	mg/L	SW6010C	0.866	1.000	0	86.6	75-125				10/6/2010
1009511-001DMS	Boron	mg/L	SW6010C	0.955	1.000	0.01937	93.6	75-125				10/6/2010
1009511-001DMS	Iron	mg/L	SW6010C	0.875	1.000	0	87.5	75-125				10/6/2010
1009511-001DMS	Magnesium	mg/L	SW6010C	15.9	10.00	7.380	84.8	75-125				10/6/2010
1009511-001DMS	Molybdenum	mg/L	SW6010C	0.169	0.2000	0	84.7	75-125				10/6/2010
1009511-001DMS	Potassium	mg/L	SW6010C	9.77	10.00	1.011	87.6	75-125				10/6/2010
1009511-001DMS	Sodium	mg/L	SW6010C	24.4	10.00	16.03	83.3	75-125				10/6/2010
1009508-001EMS	Calcium	mg/L	SW6010C	63.1	10.00	53.40	96.9	75-125				10/6/2010
1009508-001EMS	Sodium	mg/L	SW6010C	53.5	10.00	43.17	103	75-125				10/6/2010
1009511-001DMS	Calcium	mg/L	SW6010C	91.4	10.00	82.42	89.4	75-125				10/6/2010
1009508-001FMS	Iron	mg/L	SW6010C	1.27	1.000	0.2070	106	75-125				10/5/2010
1009511-001EMS	Iron	mg/L	SW6010C	10.8	1.000	9.380	142	75-125			2	10/5/2010
1009508-001EMS	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004450	100	75-125				10/1/2010
1009508-001EMS	Cadmium	mg/L	SW6020A	0.200	0.2000	0	100	75-125				10/1/2010
1009508-001EMS	Copper	mg/L	SW6020A	0.195	0.2000	0	97.5	75-125				10/1/2010
1009508-001EMS	Lead	mg/L	SW6020A	0.203	0.2000	0	101	75-125				10/1/2010
1009508-001EMS	Manganese	mg/L	SW6020A	0.206	0.2000	0.006622	99.7	75-125				10/1/2010
1009508-001EMS	Selenium	mg/L	SW6020A	0.202	0.2000	0.0005100	101	75-125				10/1/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: ME
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMS	Zinc	mg/L	SW6020A	1.01	1.000	0	101	75-125				10/1/2010
1009511-001DMS	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004980	100	75-125				10/1/2010
1009511-001DMS	Cadmium	mg/L	SW6020A	0.197	0.2000	0.00008100	98.5	75-125				10/1/2010
1009511-001DMS	Copper	mg/L	SW6020A	0.201	0.2000	0.0004650	100	75-125				10/1/2010
1009511-001DMS	Lead	mg/L	SW6020A	0.201	0.2000	0	100	75-125				10/1/2010
1009511-001DMS	Manganese	mg/L	SW6020A	0.204	0.2000	0.002118	101	75-125				10/1/2010
1009511-001DMS	Selenium	mg/L	SW6020A	0.201	0.2000	0.0006810	100	75-125				10/1/2010
1009511-001DMS	Zinc	mg/L	SW6020A	0.990	1.000	0	99.0	75-125				10/1/2010
1009522-001BMS	Manganese	mg/L	SW6020A	0.223	0.2000	0.02429	99.4	75-125				10/1/2010
1009508-001FMS	Manganese	mg/L	SW6020A	0.220	0.2000	0.02004	99.9	75-125				9/30/2010
1009511-001EMS	Manganese	mg/L	SW6020A	0.297	0.2000	0.09608	101	75-125				9/30/2010
1009533-001FMS	Arsenic	mg/L	SW6020A	0.287	0.2000	0.09053	98.2	75-125				9/30/2010
1009533-001FMS	Cadmium	mg/L	SW6020A	0.195	0.2000	0.0002780	97.4	75-125				9/30/2010
1009533-001FMS	Copper	mg/L	SW6020A	0.203	0.2000	0.002522	100	75-125				9/30/2010
1009533-001FMS	Lead	mg/L	SW6020A	0.200	0.2000	0	100	75-125				9/30/2010
1009533-001FMS	Manganese	mg/L	SW6020A	1.81	0.2000	1.663	74.6	75-125			2	9/30/2010
1009533-001FMS	Selenium	mg/L	SW6020A	0.210	0.2000	0.007680	101	75-125				9/30/2010
1009533-001FMS	Zinc	mg/L	SW6020A	1.04	1.000	0.02531	101	75-125				9/30/2010

2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMSD	Aluminum	mg/L	SW6010C	0.970	1.000	0	97.0	75-125	1.67	20		10/6/2010
1009508-001EMSD	Boron	mg/L	SW6010C	1.22	1.000	0.1526	107	75-125	1.08	20		10/6/2010
1009508-001EMSD	Iron	mg/L	SW6010C	0.962	1.000	0	96.2	75-125	3.61	20		10/6/2010
1009508-001EMSD	Magnesium	mg/L	SW6010C	40.8	10.00	33.17	75.8	75-125	3.00	20		10/6/2010
1009508-001EMSD	Molybdenum	mg/L	SW6010C	0.193	0.2000	0	96.3	75-125	1.09	20		10/6/2010
1009508-001EMSD	Potassium	mg/L	SW6010C	15.9	10.00	6.373	95.7	75-125	2.86	20		10/6/2010
1009511-001DMSD	Aluminum	mg/L	SW6010C	0.969	1.000	0	96.9	75-125	11.2	20		10/6/2010
1009511-001DMSD	Boron	mg/L	SW6010C	1.06	1.000	0.01937	104	75-125	10.8	20		10/6/2010
1009511-001DMSD	Iron	mg/L	SW6010C	0.944	1.000	0	94.4	75-125	7.62	20		10/6/2010
1009511-001DMSD	Magnesium	mg/L	SW6010C	16.6	10.00	7.380	92.4	75-125	4.64	20		10/6/2010
1009511-001DMSD	Molybdenum	mg/L	SW6010C	0.188	0.2000	0	94.0	75-125	10.4	20		10/6/2010
1009511-001DMSD	Potassium	mg/L	SW6010C	10.7	10.00	1.011	96.7	75-125	8.90	20		10/6/2010
1009511-001DMSD	Sodium	mg/L	SW6010C	25.0	10.00	16.03	89.5	75-125	2.51	20		10/6/2010
1009508-001EMSD	Calcium	mg/L	SW6010C	65.4	10.00	53.40	121	75-125	3.67	20		10/6/2010
1009508-001EMSD	Sodium	mg/L	SW6010C	54.9	10.00	43.17	117	75-125	2.59	20		10/6/2010
1009511-001DMSD	Calcium	mg/L	SW6010C	92.0	10.00	82.42	96.0	75-125	0.711	20		10/6/2010
1009508-001FMSD	Iron	mg/L	SW6010C	1.30	1.000	0.2070	109	75-125	2.33	20		10/5/2010
1009511-001EMSD	Iron	mg/L	SW6010C	10.9	1.000	9.380	152	75-125	0.922	20	2	10/5/2010
1009508-001EMSD	Arsenic	mg/L	SW6020A	0.202	0.2000	0.0004450	101	75-125	0.144	20		10/1/2010
1009508-001EMSD	Cadmium	mg/L	SW6020A	0.200	0.2000	0	100	75-125	0.00600	20		10/1/2010
1009508-001EMSD	Copper	mg/L	SW6020A	0.196	0.2000	0	98.0	75-125	0.554	20		10/1/2010
1009508-001EMSD	Lead	mg/L	SW6020A	0.201	0.2000	0	101	75-125	0.801	20		10/1/2010
1009508-001EMSD	Manganese	mg/L	SW6020A	0.203	0.2000	0.006622	98.3	75-125	1.38	20		10/1/2010
1009508-001EMSD	Selenium	mg/L	SW6020A	0.200	0.2000	0.0005100	99.9	75-125	0.657	20		10/1/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: ME
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001EMSD	Zinc	mg/L	SW6020A	1.00	1.000	0	100	75-125	0.326	20		10/1/2010
1009522-001BMSD	Manganese	mg/L	SW6020A	0.223	0.2000	0.02429	99.5	75-125	0.0699	20		10/1/2010
1009511-001DMSD	Arsenic	mg/L	SW6020A	0.201	0.2000	0.0004980	100	75-125	0.195	20		10/1/2010
1009511-001DMSD	Cadmium	mg/L	SW6020A	0.198	0.2000	0.00008100	99.2	75-125	0.700	20		10/1/2010
1009511-001DMSD	Copper	mg/L	SW6020A	0.201	0.2000	0.0004650	100	75-125	0.0911	20		10/1/2010
1009511-001DMSD	Lead	mg/L	SW6020A	0.200	0.2000	0	99.9	75-125	0.462	20		10/1/2010
1009511-001DMSD	Manganese	mg/L	SW6020A	0.205	0.2000	0.002118	101	75-125	0.380	20		10/1/2010
1009511-001DMSD	Selenium	mg/L	SW6020A	0.202	0.2000	0.0006810	100	75-125	0.388	20		10/1/2010
1009511-001DMSD	Zinc	mg/L	SW6020A	0.987	1.000	0	98.7	75-125	0.281	20		10/1/2010
1009508-001FMSD	Manganese	mg/L	SW6020A	0.222	0.2000	0.02004	101	75-125	0.954	20		9/30/2010
1009511-001EMSD	Manganese	mg/L	SW6020A	0.298	0.2000	0.09608	101	75-125	0.0988	20		9/30/2010
1009533-001FMSD	Arsenic	mg/L	SW6020A	0.288	0.2000	0.09053	98.8	75-125	0.381	20		9/30/2010
1009533-001FMSD	Cadmium	mg/L	SW6020A	0.194	0.2000	0.0002780	96.8	75-125	0.549	20		9/30/2010
1009533-001FMSD	Copper	mg/L	SW6020A	0.203	0.2000	0.002522	100	75-125	0.0113	20		9/30/2010
1009533-001FMSD	Lead	mg/L	SW6020A	0.200	0.2000	0	100	75-125	0.00150	20		9/30/2010
1009533-001FMSD	Manganese	mg/L	SW6020A	1.76	0.2000	1.663	49.1	75-125	2.86	20	2	9/30/2010
1009533-001FMSD	Selenium	mg/L	SW6020A	0.211	0.2000	0.007680	101	75-125	0.299	20		9/30/2010
1009533-001FMSD	Zinc	mg/L	SW6020A	1.03	1.000	0.02531	101	75-125	0.706	20		9/30/2010

2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508 **Dept:** WC
Project: Scofield Baseline / Surface Water Monitoring **QC Type:** DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009508-001ADUP	Total Dissolved Solids	mg/L	A2540C	404		412.0		-	1.96	5		10/1/2010
1009511-001ADUP	Total Dissolved Solids	mg/L	A2540C	394		390.0		-	1.02	5		10/1/2010
1009533-001HDUP	Total Dissolved Solids	mg/L	A2540C	1,140		1,132		-	1.05	5		10/1/2010
1009503-001ADUP	Total Suspended Solids	mg/L	A2540D	101		100.0		-	0.995	5		9/29/2010
1009508-002ADUP	Total Suspended Solids	mg/L	A2540D	< 3.00		1.000		-	0	5		9/29/2010

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-R18970	Chloride	mg/L	E300.0	4.73	5.000	0	94.6	90-110				9/29/2010
LCS-R18970	Sulfate	mg/L	E300.0	5.51	5.000	0	110	90-110				9/29/2010
LCS-R19058	Chloride	mg/L	E300.0	4.54	5.000	0	90.7	90-110				10/1/2010
LCS-R19058	Sulfate	mg/L	E300.0	4.87	5.000	0	97.4	90-110				10/1/2010
LCS-R18965	Acidity	mg/L	A2310B	48.0	50.00	0	96.0	80-120				9/30/2010
LCS-R18966	Alkalinity (as CaCO3)	mg/L	A2320B	51,600	50,000	0	103	90-110				9/30/2010
LCS-8769	Ammonia (as N)	mg/L	E350.1	1.09	1.000	0	109	90-110				10/4/2010
LCS-R18989	Oil & Grease	mg/L	EI664A	40.2	40.00	2.700	93.8	78-114				9/29/2010
LCS-R18919	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.962	1.000	0.005800	95.6	90-110				9/29/2010
LCS-R19081	Total Dissolved Solids	mg/L	A2540C	192	205.0	0	93.7	80-120				10/1/2010
LCS-R18955	Total Suspended Solids	mg/L	A2540D	97.0	100.0	0	97.0	80-120				9/29/2010

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Jose Rocha
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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R18970	Chloride	mg/L	E300.0	< 0.100				-				9/29/2010
MB-R18970	Sulfate	mg/L	E300.0	< 0.750				-				9/29/2010
MB-R19058	Chloride	mg/L	E300.0	< 0.100				-				10/1/2010
MB-R19058	Sulfate	mg/L	E300.0	< 0.750				-				10/1/2010
MB-R18965	Acidity	mg/L	A2310B	< 15.0				-				9/30/2010
MB-R18966	Alkalinity (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-R18966	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-R18966	Carbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-8769	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				10/4/2010
MB-R18989	Oil & Grease	mg/L	E1664A	< 3.00				-				9/29/2010
MB-R18919	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.0500				-				9/29/2010
MB-R19081	Total Dissolved Solids	mg/L	A2540C	< 10.0				-				10/1/2010
MB-R18955	Total Suspended Solids	mg/L	A2540D	< 3.00				-				9/29/2010

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009507-005CMSD	Chloride	mg/L	E300.0	85.1	25.00	61.56	94.0	90-110	0.110	20		9/29/2010
1009507-005CMSD	Sulfate	mg/L	E300.0	6.86	5.000	1.929	98.5	90-110	0.799	20		10/1/2010
1009508-004BMSD	Chloride	mg/L	E300.0	55.4	50.00	10.05	90.7	90-110	0.569	20		10/1/2010
1009508-004BMSD	Sulfate	mg/L	E300.0	72.8	50.00	23.46	98.6	90-110	0.268	20		10/1/2010
1009511-001BMSD	Chloride	mg/L	E300.0	478	500.0	0	95.6	90-110	0.394	20		10/1/2010
1009522-001AMSD	Chloride	mg/L	E300.0	65.1	25.00	39.76	101	90-110	0.747	20		10/1/2010
1009522-001AMSD	Sulfate	mg/L	E300.0	35.5	25.00	11.88	94.6	90-110	1.53	20		10/1/2010
1009533-001DMSD	Chloride	mg/L	E300.0	140	50.00	86.55	107	90-110	0.233	20		10/2/2010
1009533-001DMSD	Sulfate	mg/L	E300.0	185	50.00	133.8	103	90-110	0.228	20		10/2/2010
1009508-005BMSD	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120	8.33	0		9/30/2010
1009511-001BMSD	Acidity	mg/L	A2310B	52.0	50.00	0	104	80-120	0	0		9/30/2010
1009508-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	340	100.0	238.0	102	80-120	0.590	10		9/30/2010
1009511-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	284	100.0	177.0	107	80-120	1.42	10		9/30/2010
1009522-001AMSD	Alkalinity (as CaCO3)	mg/L	A2320B	1,580	500.0	1,059	105	80-120	1.14	10		9/30/2010
1009533-001DMSD	Alkalinity (as CaCO3)	mg/L	A2320B	1,400	500.0	893.0	101	80-120	1.84	10		9/30/2010
1009508-001DMSD	Ammonia (as N)	mg/L	E350.1	1.06	1.000	0	106	90-110	3.06	10		10/4/2010
1009511-002CMSD	Ammonia (as N)	mg/L	E350.1	1.01	1.000	0	101	90-110	0.259	10		10/4/2010
1009533-001EMSD	Ammonia (as N)	mg/L	E350.1	1.19	1.000	0.3142	87.9	90-110	9.67	10		10/4/2010
1009508-001BMSD	Nitrite (as N)	mg/L	E353.2	1.10	1.000	0	110	90-110	1.11	10		9/29/2010
1009511-001BMSD	Nitrite (as N)	mg/L	E353.2	1.11	1.000	0.02370	109	90-110	0.929	10		9/29/2010
1009508-001BMSD	Nitrate (as N)	mg/L	E353.2	1.13	1.000	0.009300	112	90-110	0.222	10		9/29/2010
1009507-005CMSD	Nitrate (as N)	mg/L	E353.2	0.788	1.000	0	78.8	90-110	0.254	10		9/29/2010
1009511-001BMSD	Nitrate (as N)	mg/L	E353.2	17.0	10.00	6.793	163	90-110	7.86	10		9/29/2010
1009508-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.955	1.000	0.03440	92.0	90-110	3.81	10		9/29/2010

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WORK ORDER Summary

Work Order: 1009508

9/29/2010

Client: Carbon Resources
Client ID: CAR300
Project: Scofield Baseline / Surface Water Monitoring
Comments: QC 2+, EDD;

Contact: Brad Lindsay
QC Level: LEVEL II+

WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-005F	Aspen Spring	9/28/2010 5:45:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-R18970	Chloride	mg/L	E300.0	< 0.100				-				9/29/2010
MB-R18970	Sulfate	mg/L	E300.0	< 0.750				-				9/29/2010
MB-R19058	Chloride	mg/L	E300.0	< 0.100				-				10/1/2010
MB-R19058	Sulfate	mg/L	E300.0	< 0.750				-				10/1/2010
MB-R18965	Acidity	mg/L	A2310B	< 15.0				-				9/30/2010
MB-R18966	Alkalinity (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-R18966	Bicarbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-R18966	Carbonate (as CaCO3)	mg/L	A2320B	< 10.0				-				9/30/2010
MB-8769	Ammonia (as N)	mg/L	E350.1	< 0.0500				-				10/4/2010
MB-R18989	Oil & Grease	mg/L	E1664A	< 3.00				-				9/29/2010
MB-R18919	Phosphate, Total Ortho (as P)	mg/L	E365.1	< 0.0500				-				9/29/2010
MB-R19081	Total Dissolved Solids	mg/L	A2540C	< 10.0				-				10/1/2010
MB-R18955	Total Suspended Solids	mg/L	A2540D	< 3.00				-				9/29/2010

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QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009507-005CMS	Chloride	mg/L	E300.0	85.2	25.00	61.56	94.4	90-110				9/29/2010
1009507-005CMS	Sulfate	mg/L	E300.0	6.91	5.000	1.929	99.6	90-110				10/1/2010
1009508-004BMS	Chloride	mg/L	E300.0	55.7	50.00	10.05	91.4	90-110				10/1/2010
1009508-004BMS	Sulfate	mg/L	E300.0	73.0	50.00	23.46	99.0	90-110				10/1/2010
1009511-001BMS	Chloride	mg/L	E300.0	480	500.0	0	96.0	90-110				10/1/2010
1009522-001AMS	Chloride	mg/L	E300.0	65.6	25.00	39.76	103	90-110				10/1/2010
1009522-001AMS	Sulfate	mg/L	E300.0	36.1	25.00	11.88	96.8	90-110				10/1/2010
1009533-001DMS	Chloride	mg/L	E300.0	140	50.00	86.55	106	90-110				10/2/2010
1009533-001DMS	Sulfate	mg/L	E300.0	185	50.00	133.8	102	90-110				10/2/2010
1009508-005BMS	Acidity	mg/L	A2310B	46.0	50.00	0	92.0	80-120				9/30/2010
1009511-001BMS	Acidity	mg/L	A2310B	52.0	50.00	0	104	80-120				9/30/2010
1009508-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	338	100.0	238.0	100	80-120				9/30/2010
1009511-001BMS	Alkalinity (as CaCO3)	mg/L	A2320B	280	100.0	177.0	103	80-120				9/30/2010
1009522-001AMS	Alkalinity (as CaCO3)	mg/L	A2320B	1,570	500.0	1,059	101	80-120				9/30/2010
1009533-001DMS	Alkalinity (as CaCO3)	mg/L	A2320B	1,430	500.0	893.0	107	80-120				9/30/2010
1009508-001DMS	Ammonia (as N)	mg/L	E350.1	1.03	1.000	0	103	90-110				10/4/2010
1009511-002CMS	Ammonia (as N)	mg/L	E350.1	1.00	1.000	0	100	90-110				10/4/2010
1009533-001EMS	Ammonia (as N)	mg/L	E350.1	1.08	1.000	0.3142	76.9	90-110			'	10/4/2010
1009508-001BMS	Nitrite (as N)	mg/L	E353.2	1.09	1.000	0	109	90-110				9/29/2010
1009511-001BMS	Nitrite (as N)	mg/L	E353.2	1.10	1.000	0.02370	108	90-110				9/29/2010
1009508-001BMS	Nitrate (as N)	mg/L	E353.2	1.13	1.000	0.009300	112	90-110			'	9/29/2010
1009507-005CMS	Nitrate (as N)	mg/L	E353.2	0.790	1.000	0	79.0	90-110			'	9/29/2010
1009511-001BMS	Nitrate (as N)	mg/L	E353.2	18.4	10.00	0.6793	177	90-110			'	9/29/2010
1009508-001BMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.919	1.000	0.03440	88.5	90-110			'	9/29/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009511-001BMS	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.924	1.000	0.07200	85.2	90-110				9/29/2010

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

WORK ORDER Summary

Work Order: **1009508**

Client:	Carbon Resources				9/29/2010
Client ID:	CAR300	**Contact:**	Brad Lindsay		
Project:	Scofield Baseline / Surface Water Monitoring	**QC Level:**	LEVEL II+	**WO Type:**	Project
Comments:	QC 2+, EDD;				

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-005F	Aspen Spring	9/28/2010 5:45:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								

Client CARBON RESOURCES c/o ROCK LOGIC

Address PO BOX 544

CEDAREDGE CO 81413
City State Zip

Phone (435) 851-9044 Fax

Contact BRAD LINDSAY

E-mail ROCKLOGICCONSULTING@GMAIL.COM

Project Name SCOFIELD BASELINE

Project Number/P.O.#

Sampler Name BRAD LINDSAY

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Salt Lake City, Utah 84115

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CHAIN OF CUSTODY

Lab Sample Set # 1009508

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: TABLE 4	TESTS REQUIRED: TABLE 3	COMMENTS
CR-10-12	9/23/10 11:00	W	6	✓		1009511
CR-10-11	14:15		6	✓		
MUD CREEK	12:00		7		✓	1009508
SULFUR SPRING	12:35		7		✓	
RES-1	12:50		7		✓	
MILLER OUTLET	13:20		7		✓	
ASPEN SPRING	17:45		7		✓	

QC LEVEL: 1 2 2+ 3 3+ 4

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes:
2 Ambient or Chilled
Notes: on ice
3 Temperature 3.5
4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:
5 Properly Preserved (Y) N
Checked at Bench Y N
Notes:
6 Received Within Holding Times (Y) N
Notes:

COC Tape Was:
1 Present on Outer Package (Y) N NA
2 Unbroken on Outer Package (Y) N NA
3 Present on Sample Y N (NA)
4 Unbroken on Sample Y N (NA)

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME: BRAD LINDSAY	Time: 19:30	PRINT NAME: JEFFREY LINDSAY	Time: 19:30
Relinquished By: Signature	Date: 9/29/10	Received By: Signature	Date: 9/29/10
PRINT NAME: JEFFREY LINDSAY	Time: 8:02	PRINT NAME: [illegible]	Time: 8:02
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time
Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME	Time	PRINT NAME	Time

Special Instructions:

PLEASE FILTER

TABLE 4 SHOULD BE TITLED "GROUND WATER MONITORING..."

TABLE 3 SHOULD BE TITLED "SURFACE WATER MONITORING..."

59.25 SLP

TABLE 3

Utah Division of Oil, Gas & Mining
Surface Water Monitoring Recommendations
Baseline, Operational and Post-mining

		FIELD MEASUREMENTS	REPORTED AS
*	-	Water level or Flow	Depth, Flow
*	-	pH	Standard units
*	-	Specific Conductivity	umhos/cm @ 25° C
*	-	Dissolved Oxygen	mg/l
*	-	Temperature	°C

		LABORATORY MEASUREMENTS	
*	-	Total Dissolved Solids	mg/l
*	-	Total Settleable Solids	(UPDES)
*	-	Total Suspended Solids	mg/l
*	-	Total Hardness ($CaCO_3$)	mg/l
*	-	Total Alkalinity	mg/l
	-	Acidity	mg/l
	-	Aluminum (Dissolved)	mg/l
	-	Arsenic (Dissolved)	mg/l
	-	Boron (Dissolved)[1]	mg/l
*	-	Carbonate	mg/l
*	-	Bicarbonate	mg/l
	-	Cadmium (Dissolved)	mg/l
*	-	Calcium (Dissolved)	mg/l
*	-	Chloride	mg/l
	-	Copper (Dissolved)	mg/l
*	-	Iron (Dissolved)	mg/l
*	-	Iron (Total)	mg/l
	-	Lead (Dissolved)	mg/l
*	-	Magnesium (Dissolved)	mg/l
*	-	Manganese (Dissolved)	mg/l
*	-	Manganese (Total)	mg/l
	-	Molybdenum (Dissolved)	mg/l
	-	Ammonia	mg/l
	-	Nitrates	mg/l
	-	Nitrites	mg/l
*	-	Potassium (Dissolved)	mg/l
	-	Phosphates(Ortho)	mg/l
	-	Selenium[1] (Dissolved)	mg/l
*	-	Sodium (Dissolved)	mg/l
*	-	Sulfate	mg/l
	-	Zinc (Dissolved)	mg/l
*	-	Oil & Grease[2]	mg/l
*	-	Cations	meq/l
*	-	Anions	meq/l

1 Parameters should be analyzed for baseline at all sites and included as operational at waste rock sites.
2 O&G to be collected above and below mine sites.
- Parameters recommended for Baseline monitoring.
* Parameters recommended for Operational and Post-mining monitoring unless amended as per section 5E above.
½ gallon HDPE

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508
Project: Scofield Baseline / Surface Water Monitoring

Dept: WC
QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009507-005CMSD	Chloride	mg/L	E300.0	85.1	25.00	61.56	94.0	90-110	0.110	20		9/29/2010
1009507-005CMSD	Sulfate	mg/L	E300.0	6.86	5.000	1.929	98.5	90-110	0.799	20		10/1/2010
1009508-004BMSD	Chloride	mg/L	E300.0	55.4	50.00	10.05	90.7	90-110	0.569	20		10/1/2010
1009508-004BMSD	Sulfate	mg/L	E300.0	72.8	50.00	23.46	98.6	90-110	0.268	20		10/1/2010
1009511-001BMSD	Chloride	mg/L	E300.0	478	500.0	0	95.6	90-110	0.394	20		10/1/2010
1009522-001AMSD	Chloride	mg/L	E300.0	65.1	25.00	39.76	101	90-110	0.747	20		10/1/2010
1009522-001AMSD	Sulfate	mg/L	E300.0	35.5	25.00	11.88	94.6	90-110	1.53	20		10/1/2010
1009533-001DMSD	Chloride	mg/L	E300.0	140	50.00	86.55	107	90-110	0.233	20		10/2/2010
1009533-001DMSD	Sulfate	mg/L	E300.0	185	50.00	133.8	103	90-110	0.228	20		10/2/2010
1009508-005BMSD	Acidity	mg/L	A2310B	50.0	50.00	0	100	80-120	8.33	0		9/30/2010
1009511-001BMSD	Acidity	mg/L	A2310B	52.0	50.00	0	104	80-120	0	0		9/30/2010
1009508-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	340	100.0	238.0	102	80-120	0.590	10		9/30/2010
1009511-001BMSD	Alkalinity (as CaCO3)	mg/L	A2320B	284	100.0	177.0	107	80-120	1.42	10		9/30/2010
1009522-001AMSD	Alkalinity (as CaCO3)	mg/L	A2320B	1,580	500.0	1,059	105	80-120	1.14	10		9/30/2010
1009533-001DMSD	Alkalinity (as CaCO3)	mg/L	A2320B	1,400	500.0	893.0	101	80-120	1.84	10		9/30/2010
1009508-001DMSD	Ammonia (as N)	mg/L	E350.1	1.06	1.000	0	106	90-110	3.06	10		10/4/2010
1009511-002CMSD	Ammonia (as N)	mg/L	E350.1	1.01	1.000	0	101	90-110	0.259	10		10/4/2010
1009533-001EMSD	Ammonia (as N)	mg/L	E350.1	1.19	1.000	0.3142	87.9	90-110	9.67	10	1	10/4/2010
1009508-001BMSD	Nitrite (as N)	mg/L	E353.2	1.10	1.000	0	110	90-110	1.11	10	1	9/29/2010
1009511-001BMSD	Nitrite (as N)	mg/L	E353.2	1.11	1.000	0.02370	109	90-110	0.929	10		9/29/2010
1009508-001BMSD	Nitrate (as N)	mg/L	E353.2	1.13	1.000	0.009300	112	90-110	0.222	10	1	9/29/2010
1009507-005CMSD	Nitrate (as N)	mg/L	E353.2	0.788	1.000	0	78.8	90-110	0.254	10	1	9/29/2010
1009511-001BMSD	Nitrate (as N)	mg/L	E353.2	17.0	10.00	0.6793	163	90-110	7.86	10	1	9/29/2010
1009508-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.955	1.000	0.03440	92.0	90-110	3.81	10		9/29/2010

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Carbon Resources
Lab Set ID: 1009508 **Dept:** WC
Project: Scofield Baseline / Surface Water Monitoring **QC Type:** MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
1009511-001BMSD	Phosphate, Total Ortho (as P)	mg/L	E365.1	0.994	1.000	0.07200	92.2	90-110	7.33	10		9/29/2010

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Laboratories

WORK ORDER Summary

Work Order: 1009508
Page 1 of 6
9/29/2010
WO Type: Project

Client: Carbon Resources
Client ID: CAR300
Project: Scofield Baseline / Surface Water Monitoring
Comments: QC 2+, EDD;

Contact: Brad Lindsay
QC Level: LEVEL II+

HOK-DO

el

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-001A	Mud Creek	9/28/2010 12:00:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	SS-W-2540F	☐	ww - ss/tss	1
				10/13/2010		TDS-W-2540C	☐	ww - ss/tss	
				10/13/2010		TSS-W-2540D	☐	ww - ss/tss	
1009508-001B				10/13/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009508-001C				10/13/2010		OGB-W-1664A	☐	ogb	
1009508-001D				10/13/2010		NH3-W-350.1	☐	DF - nh3	
				10/13/2010		NH3-W-PR	☐	DF - nh3	
1009508-001E				10/13/2010		3005A-DIS-PR	☐	DF - dis met	2
				10/13/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	DF - dis met	
1009508-001F				10/13/2010		3005A-ICPMS-PR	☐	DF - total met	1
				10/13/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

WORK ORDER Summary

Work Order: **1009508**

Client: Carbon Resources
Client ID: CAR300
Project: Scofield Baseline / Surface Water Monitoring
Comments: QC 2+, EDD;

Contact: Brad Lindsay
QC Level: LEVEL II+

9/29/2010
WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-001F	Mud Creek	9/28/2010 12:00:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								
1009508-002A	Sulfur Spring	9/28/2010 12:35:00 PM		10/13/2010		SS-W-2540F	☐	ww - ss/tss	
				10/13/2010		TDS-W-2540C	☐	ww - ss/tss	
				10/13/2010		TSS-W-2540D	☐	ww - ss/tss	
1009508-002B				10/13/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009508-002C				10/13/2010		OGB-W-1664A	☐	ogb	
1009508-002D				10/13/2010		NH3-W-350.1	☐	DF - nh3	
				10/13/2010		NH3-W-PR	☐	DF - nh3	
1009508-002E				10/13/2010		3005A-DIS-PR	☐	DF - dis met	2
				10/13/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	DF - dis met	
1009508-002F				10/13/2010		3005A-ICPMS-PR	☐	DF - total met	1
				10/13/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

WORK ORDER Summary

Work Order: **1009508**

Client: Carbon Resources
Client ID: CAR300 **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring **QC Level:** LEVEL II+
Comments: QC 2+, EDD;

WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-002F	Sulfur Spring	9/28/2010 12:35:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								
1009508-003A	RES-1	9/28/2010 12:50:00 PM		10/13/2010		SS-W-2540F	☐	ww - ss/tss	
				10/13/2010		TDS-W-2540C	☐	ww - ss/tss	
				10/13/2010		TSS-W-2540D	☐	ww - ss/tss	
1009508-003B				10/13/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009508-003C				10/13/2010		OGB-W-1664A	☐	ogb	
1009508-003D				10/13/2010		NH3-W-350.1	☐	DF - nh3	
				10/13/2010		NH3-W-PR	☐	DF - nh3	
1009508-003E				10/13/2010		3005A-DIS-PR	☐	DF - dis met	2
				10/13/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	DF - dis met	
1009508-003F				10/13/2010		3005A-ICPMS-PR	☐	DF - total met	1
				10/13/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

WORK ORDER Summary

Work Order: **1009508**

Client: Carbon Resources
Client ID: CAR300 **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring **QC Level:** LEVEL II+
Comments: QC 2+, EDD;

9/29/2010
WO Type: Project

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-003F	RES-1	9/28/2010 12:50:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								
1009508-004A	Miller Outlet	9/28/2010 1:20:00 PM		10/13/2010		SS-W-2540F	☐	ww - ss/tss	
				10/13/2010		TDS-W-2540C	☐	ww - ss/tss	
				10/13/2010		TSS-W-2540D	☐	ww - ss/tss	
1009508-004B				10/13/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009508-004C				10/13/2010		OGB-W-1664A	☐	ogb	
1009508-004D				10/13/2010		NH3-W-350.1	☐	DF - nh3	
				10/13/2010		NH3-W-PR	☐	DF - nh3	
1009508-004E				10/13/2010		3005A-DIS-PR	☐	DF - dis met	2
				10/13/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	DF - dis met	
1009508-004F				10/13/2010		3005A-ICPMS-PR	☐	DF - total met	1
				10/13/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

WORK ORDER Summary

Work Order: 1009508

9/29/2010

Client: Carbon Resources
Client ID: CAR300 **Contact:** Brad Lindsay
Project: Scofield Baseline / Surface Water Monitoring **QC Level:** LEVEL II+ **WO Type:** Project
Comments: QC 2+, EDD;

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1009508-004F	Miller Outlet	9/28/2010 1:20:00 PM	9/29/2010 8:02:00 AM	10/13/2010	Aqueous	6020-W	☑	DF - total met	1
	SEL Analytes: MN								
1009508-005A	Aspen Spring	9/28/2010 5:45:00 PM		10/13/2010		SS-W-2540F	☐	ww - ss/tss	
				10/13/2010		TDS-W-2540C	☐	ww - ss/tss	
				10/13/2010		TSS-W-2540D	☐	ww - ss/tss	
1009508-005B				10/13/2010		300.0-W	☑	DF - wc	
	SEL Analytes: CL SO4								
				10/13/2010		ACIDITY-W-2310B	☐	DF - wc	
				10/13/2010		ALK-W-2320B	☑	DF - wc	
	SEL Analytes: ALK ALKB ALKC								
				10/13/2010		NO2-W-353.2	☐	DF - wc	
				10/13/2010		NO3-W-353.2	☐	DF - wc	
				10/13/2010		PO4-O-365.1	☐	DF - wc	
1009508-005C				10/13/2010		OGB-W-1664A	☐	ogb	
1009508-005D				10/13/2010		NH3-W-350.1	☐	DF - nh3	
				10/13/2010		NH3-W-PR	☐	DF - nh3	
1009508-005E				10/13/2010		3005A-DIS-PR	☐	DF - dis met	2
				10/13/2010		6010C-DIS	☑	DF - dis met	
	SEL Analytes: AL B CA FE MG MO K NA								
				10/13/2010		6020-DIS	☑	DF - dis met	
	SEL Analytes: AS CD CU PB MN SE ZN								
				10/13/2010		HARD-2340B	☐	DF - dis met	
1009508-005F				10/13/2010		3005A-ICPMS-PR	☐	DF - total met	1
				10/13/2010		6010C-W	☑	DF - total met	
	SEL Analytes: FE								

Sample Set: 1009508

Preservation Check Sheet

Sample Set Extension and pH

Bottle Type	Preservative	All OK	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except	Except
Ammonia	pH <2 H_2SO_4	✓															
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3	✓															
NO_2 & NO_3	pH <2 H_2SO_4																
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL	✓															
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

INORGANIC ANALYTICAL REPORT

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 (Scofield) Baseline
Lab Sample ID: 1011004-001
Client Sample ID: CR-10-11
Collection Date: 10/30/2010 1330h
Received Date: 11/1/2010 1115h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		11/2/2010 0600h	A2310B	15.0	**22.0**	
Alkalinity (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	**221**	
Ammonia (as N)	mg/L	11/4/2010 1558h	11/5/2010 1353h	E350.1	0.0500	**0.0602**	
Bicarbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	**221**	
Carbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	10.0	< 10.0	
Chloride	mg/L		11/2/2010 2024h	E300.0	1.00	**14.5**	
Hardness (as CaCO3)	mg/L		11/10/2010	A2340B	10.0	**223**	
Nitrate (as N)	mg/L		11/1/2010 1252h	E353.2	0.100	**2.44**	
Nitrite (as N)	mg/L		11/1/2010 1248h	E353.2	0.0100	**0.365**	
Phosphate, Total Ortho (as P)	mg/L		11/1/2010 1205h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		11/2/2010 2024h	E300.0	7.50	**30.1**	
Total Dissolved Solids	mg/L		11/2/2010 1300h	A2540C	20.0	**280**	

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 (Scofield) Baseline
Lab Sample ID: 1011004-002
Client Sample ID: CR-10-12
Collection Date: 10/30/2010 1420h
Received Date: 11/1/2010 1115h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		11/2/2010 0600h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	177	
Ammonia (as N)	mg/L	11/4/2010 1558h	11/5/2010 1357h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	177	
Carbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	10.0	< 10.0	
Chloride	mg/L		11/2/2010 2220h	E300.0	1.00	18.9	
Hardness (as CaCO3)	mg/L		11/10/2010	A2340B	10.0	211	
Nitrate (as N)	mg/L		11/1/2010 1256h	E353.2	0.100	6.49	
Nitrite (as N)	mg/L		11/1/2010 1301h	E353.2	0.0100	0.0107	
Phosphate, Total Ortho (as P)	mg/L		11/1/2010 1317h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		11/2/2010 2220h	E300.0	7.50	37.0	
Total Dissolved Solids	mg/L		11/2/2010 1300h	A2540C	20.0	264	@

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 (Scofield) Baseline
Lab Sample ID: 1011004-001
Client Sample ID: CR-10-11
Collection Date: 10/30/2010 1330h
Received Date: 11/1/2010 1115h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	11/2/2010 1206h	11/10/2010 1315h	SW6010C	0.100	**0.121**	
Manganese	mg/L	11/2/2010 1206h	11/3/2010 2337h	SW6020A	0.00120	**0.00653**	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Kinney #2 (Scofield) Baseline		
Lab Sample ID:	1011004-002		
Client Sample ID:	CR-10-12		
Collection Date:	10/30/2010 1420h		
Received Date:	11/1/2010 1115h		

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TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	11/2/2010 1206h	11/10/2010 1330h	SW6010C	0.100	**0.393**	
Manganese	mg/L	11/2/2010 1206h	11/4/2010 0010h	SW6020A	0.00120	**0.00915**	

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Client: Carbon Resources **Contact:** Brad Lindsay
Project: Kinney #2 (Scofield) Baseline
Lab Sample ID: 1011004-001
Client Sample ID: CR-10-11
Collection Date: 10/30/2010 1330h
Received Date: 11/1/2010 1115h

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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	11/2/2010 1203h	11/10/2010 1150h	SW6010C	10.0	**69.1**	
Copper	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.000800	**0.00132**	
Iron	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.000400	**0.00125**	
Magnesium	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	1.00	**12.3**	
Manganese	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.00120	**0.00445**	
Molybdenum	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	1.00	**1.25**	
Selenium	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.000800	**0.00147**	
Sodium	mg/L	11/2/2010 1203h	11/10/2010 1223h	SW6010C	1.00	**11.2**	
Zinc	mg/L	11/2/2010 1203h	11/4/2010 0032h	SW6020A	0.00500	**0.141**	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Kinney #2 (Scofield) Baseline		
Lab Sample ID:	1011004-002		
Client Sample ID:	CR-10-12		
Collection Date:	10/30/2010 1420h		
Received Date:	11/1/2010 1115h		

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Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	11/2/2010 1203h	11/10/2010 1203h	SW6010C	10.0	73.5	
Copper	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.000800	0.00302	
Iron	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.000400	0.00730	
Magnesium	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	1.00	6.62	
Manganese	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.00120	0.00372	
Molybdenum	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	1.00	1.10	
Selenium	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	11/2/2010 1203h	11/10/2010 1239h	SW6010C	1.00	17.2	
Zinc	mg/L	11/2/2010 1203h	11/4/2010 0117h	SW6020A	0.00500	0.0262	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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Jose Rocha
QA Officer

Client: Carbon Resources
Contact: Brad Lindsay
Project: Kinney #2 (Scofield) Baseline
Lab Sample ID: 1011004-001
Client Sample ID: CR-10-11
Collection Date: 10/30/2010 1330h
Received Date: 11/1/2010 1115h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		11/2/2010 0600h	A2310B	15.0	**22.0**	
Alkalinity (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	**221**	
Ammonia (as N)	mg/L	11/4/2010 1558h	11/5/2010 1353h	E350.1	0.0500	**0.0602**	
Bicarbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	**221**	
Carbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	10.0	< 10.0	
Chloride	mg/L		11/2/2010 2024h	E300.0	1.00	**14.5**	
Hardness (as CaCO3)	mg/L		11/10/2010	A2340B	10.0	**223**	
Nitrate (as N)	mg/L		11/1/2010 1252h	E353.2	0.100	**2.44**	'
Nitrite (as N)	mg/L		11/1/2010 1248h	E353.2	0.0100	**0.365**	
Phosphate, Total Ortho (as P)	mg/L		11/1/2010 1205h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		11/2/2010 2024h	E300.0	7.50	**30.1**	
Total Dissolved Solids	mg/L		11/2/2010 1300h	A2540C	20.0	**280**	

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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INORGANIC ANALYTICAL REPORT

Client:	Carbon Resources	**Contact:**	Brad Lindsay
Project:	Kinney #2 (Scofield) Baseline		
Lab Sample ID:	1011004-002		
Client Sample ID:	CR-10-12		
Collection Date:	10/30/2010 1420h		
Received Date:	11/1/2010 1115h		

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		11/2/2010 0600h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	177	
Ammonia (as N)	mg/L	11/4/2010 1558h	11/5/2010 1357h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	20.0	177	
Carbonate (as CaCO3)	mg/L		11/4/2010 0700h	A2320B	10.0	< 10.0	
Chloride	mg/L		11/2/2010 2220h	E300.0	1.00	18.9	
Hardness (as CaCO3)	mg/L		11/10/2010	A2340B	10.0	211	
Nitrate (as N)	mg/L		11/1/2010 1256h	E353.2	0.100	6.49	
Nitrite (as N)	mg/L		11/1/2010 1301h	E353.2	0.0100	0.0107	
Phosphate, Total Ortho (as P)	mg/L		11/1/2010 1317h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		11/2/2010 2220h	E300.0	7.50	37.0	
Total Dissolved Solids	mg/L		11/2/2010 1300h	A2540C	20.0	264	@

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-001
Client Sample ID: CR-10-11
Collection Date: 11/30/2010 1645h
Received Date: 12/2/2010 1040h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	12/3/2010 1111h	12/6/2010 1540h	SW6010C	0.100	**5.76**	
Manganese	mg/L	12/3/2010 1111h	12/3/2010 2304h	SW6020A	0.00120	**0.0912**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-002
Client Sample ID: CR-10-12
Collection Date: 11/30/2010 1730h
Received Date: 12/2/2010 1040h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	12/3/2010 1111h	12/6/2010 1556h	SW6010C	1.00	**86.7**	
Manganese	mg/L	12/3/2010 1111h	12/3/2010 2352h	SW6020A	0.00120	**1.37**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-003
Client Sample ID: Mud Creek
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	12/3/2010 1111h	12/6/2010 1600h	SW6010C	0.100	**0.406**	
Manganese	mg/L	12/3/2010 1111h	12/3/2010 2358h	SW6020A	0.00120	**0.0301**	

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Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-004
Client Sample ID: Sulfur Spring
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	12/3/2010 1111h	12/6/2010 1603h	SW6010C	0.100	< 0.100	
Manganese	mg/L	12/3/2010 1111h	12/4/2010 0004h	SW6020A	0.00120	**0.0318**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-005
Client Sample ID: Miller Outlet
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	12/3/2010 1111h	12/6/2010 1607h	SW6010C	0.100	**1.11**	
Manganese	mg/L	12/3/2010 1111h	12/4/2010 0009h	SW6020A	0.00120	**0.0722**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-001
Client Sample ID: CR-10-11
Collection Date: 11/30/2010 1645h
Received Date: 12/2/2010 1040h

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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	12/3/2010 1109h	12/4/2010 1603h	SW6010C	10.0	**82.2**	
Copper	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.000800	**0.000928**	
Iron	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	0.100	< 0.100	
Lead	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	1.00	**12.3**	
Manganese	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.00120	**0.00168**	
Molybdenum	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	1.00	**1.47**	
Selenium	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.000800	**0.00134**	
Sodium	mg/L	12/3/2010 1109h	12/4/2010 1650h	SW6010C	1.00	**11.2**	
Zinc	mg/L	12/3/2010 1109h	12/3/2010 2140h	SW6020A	0.00500	**0.0383**	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-002
Client Sample ID: CR-10-12
Collection Date: 11/30/2010 1730h
Received Date: 12/2/2010 1040h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.000600	**0.000637**	
Boron	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	12/3/2010 1109h	12/4/2010 1616h	SW6010C	10.0	**69.1**	
Copper	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.000800	**0.00146**	
Iron	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	0.100	< 0.100	
Lead	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	1.00	**6.48**	
Manganese	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.00120	**0.00236**	
Molybdenum	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	1.00	**1.01**	
Selenium	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	12/3/2010 1109h	12/4/2010 1707h	SW6010C	1.00	**25.5**	
Zinc	mg/L	12/3/2010 1109h	12/3/2010 2228h	SW6020A	0.00500	**0.117**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-003
Client Sample ID: Mud Creek
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

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Jose Rocha
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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	12/3/2010 1109h	12/4/2010 1710h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	12/3/2010 1109h	12/4/2010 1710h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	12/3/2010 1109h	12/4/2010 1621h	SW6010C	10.0	**62.7**	
Copper	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	12/3/2010 1109h	12/4/2010 1710h	SW6010C	0.100	< 0.100	
Lead	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	12/3/2010 1109h	12/4/2010 1710h	SW6010C	1.00	**33.9**	
Manganese	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.00120	**0.0135**	
Molybdenum	mg/L	12/3/2010 1109h	12/4/2010 1710h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	12/3/2010 1109h	12/4/2010 1710h	SW6010C	1.00	**6.33**	
Selenium	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	12/3/2010 1109h	12/4/2010 1621h	SW6010C	10.0	**41.1**	
Zinc	mg/L	12/3/2010 1109h	12/3/2010 2233h	SW6020A	0.00500	< 0.00500	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-004
Client Sample ID: Sulfur Spring
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	12/3/2010 1109h	12/4/2010 1625h	SW6010C	10.0	**91.3**	
Copper	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	0.100	< 0.100	
Lead	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	1.00	**37.5**	
Manganese	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.00120	**0.0293**	
Molybdenum	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	1.00	**5.05**	
Selenium	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	12/3/2010 1109h	12/4/2010 1714h	SW6010C	1.00	**9.04**	
Zinc	mg/L	12/3/2010 1109h	12/3/2010 2239h	SW6020A	0.00500	< 0.00500	

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INORGANIC ANALYTICAL REPORT

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Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-005
Client Sample ID: Miller Outlet
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.000600	**0.000756**	
Boron	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	12/3/2010 1109h	12/4/2010 1642h	SW6010C	10.0	**90.9**	
Copper	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.000800	**0.00100**	
Iron	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	0.100	< 0.100	
Lead	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	1.00	**17.2**	
Manganese	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.00120	**0.0144**	
Molybdenum	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	1.00	**1.87**	
Selenium	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	12/3/2010 1109h	12/4/2010 1718h	SW6010C	1.00	**6.41**	
Zinc	mg/L	12/3/2010 1109h	12/3/2010 2245h	SW6020A	0.00500	< 0.00500	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-001
Client Sample ID: CR-10-11
Collection Date: 11/30/2010 1645h
Received Date: 12/2/2010 1040h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		12/3/2010 0700h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**224**	
Ammonia (as N)	mg/L	12/7/2010 1059h	12/8/2010 1216h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**224**	
Carbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	< 20.0	
Chloride	mg/L		12/2/2010 1816h	E300.0	1.00	**14.3**	
Hardness (as CaCO3)	mg/L		12/4/2010	A2340B	10.0	**256**	
Nitrate (as N)	mg/L		12/2/2010 1359h	E353.2	0.100	**2.36**	
Nitrite (as N)	mg/L		12/2/2010 1358h	E353.2	0.0100	**0.0126**	
Phosphate, Total Ortho (as P)	mg/L		12/2/2010 1252h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		12/2/2010 1816h	E300.0	7.50	**28.1**	
Total Dissolved Solids	mg/L		12/3/2010 1500h	A2540C	20.0	**312**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-002
Client Sample ID: CR-10-12
Collection Date: 11/30/2010 1730h
Received Date: 12/2/2010 1040h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		12/3/2010 0700h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**173**	
Ammonia (as N)	mg/L	12/7/2010 1059h	12/8/2010 1218h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**173**	
Carbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	< 20.0	
Chloride	mg/L		12/2/2010 1620h	E300.0	1.00	**19.0**	
Hardness (as CaCO3)	mg/L		12/4/2010	A2340B	10.0	**199**	
Nitrate (as N)	mg/L		12/2/2010 1402h	E353.2	0.100	**5.06**	
Nitrite (as N)	mg/L		12/2/2010 1400h	E353.2	0.0100	**0.0195**	
Phosphate, Total Ortho (as P)	mg/L		12/2/2010 1255h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		12/2/2010 1620h	E300.0	7.50	**36.7**	
Total Dissolved Solids	mg/L		12/3/2010 1500h	A2540C	20.0	**400**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-003
Client Sample ID: Mud Creek
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		12/3/2010 0700h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**254**	
Ammonia (as N)	mg/L	12/7/2010 1059h	12/8/2010 1219h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**240**	
Carbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	< 20.0	
Chloride	mg/L		12/2/2010 1643h	E300.0	1.00	**14.5**	
Hardness (as CaCO3)	mg/L		12/4/2010	A2340B	10.0	**296**	
Nitrate (as N)	mg/L		12/2/2010 1344h	E353.2	0.0100	**0.251**	
Nitrite (as N)	mg/L		12/2/2010 1344h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		12/3/2010 1220h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		12/2/2010 1256h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		12/2/2010 1125h	A2540F	0.100	**0.100**	
Sulfate	mg/L		12/2/2010 1643h	E300.0	7.50	**118**	
Total Dissolved Solids	mg/L		12/3/2010 1500h	A2540C	20.0	**400**	
Total Suspended Solids	mg/L		12/2/2010 1500h	A2540D	3.00	**30.0**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-004
Client Sample ID: Sulfur Spring
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

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QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		12/3/2010 0700h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**338**	
Ammonia (as N)	mg/L	12/7/2010 1059h	12/8/2010 1225h	E350.1	0.0500	**0.0571**	
Bicarbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**338**	
Carbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	< 20.0	
Chloride	mg/L		12/2/2010 1533h	E300.0	1.00	**6.53**	
Hardness (as CaCO3)	mg/L		12/4/2010	A2340B	10.0	**382**	
Nitrate (as N)	mg/L		12/2/2010 1351h	E353.2	0.0100	< 0.0100	
Nitrite (as N)	mg/L		12/2/2010 1351h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		12/3/2010 1220h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		12/2/2010 1256h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		12/2/2010 1125h	A2540F	0.100	< 0.100	
Sulfate	mg/L		12/2/2010 1533h	E300.0	7.50	**43.7**	
Total Dissolved Solids	mg/L		12/3/2010 1500h	A2540C	20.0	**384**	
Total Suspended Solids	mg/L		12/2/2010 1500h	A2540D	3.00	< 3.00	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012038-005
Client Sample ID: Miller Outlet
Collection Date: 12/1/2010
Received Date: 12/2/2010 1040h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		12/3/2010 0700h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**268**	
Ammonia (as N)	mg/L	12/7/2010 1059h	12/8/2010 1228h	E350.1	0.0500	**0.0507**	
Bicarbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	**261**	
Carbonate (as CaCO3)	mg/L		12/3/2010 0800h	A2320B	20.0	< 20.0	
Chloride	mg/L		12/2/2010 1556h	E300.0	1.00	**9.50**	
Hardness (as CaCO3)	mg/L		12/4/2010	A2340B	10.0	**298**	
Nitrate (as N)	mg/L		12/2/2010 1352h	E353.2	0.0100	**0.645**	
Nitrite (as N)	mg/L		12/2/2010 1352h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		12/3/2010 1220h	E1664A	3.00	< 3.00	
Phosphate, Total Ortho (as P)	mg/L		12/2/2010 1257h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		12/2/2010 1125h	A2540F	0.100	**0.100**	
Sulfate	mg/L		12/2/2010 1556h	E300.0	7.50	**28.0**	
Total Dissolved Solids	mg/L		12/3/2010 1500h	A2540C	20.0	**340**	@
Total Suspended Solids	mg/L		12/2/2010 1500h	A2540D	3.00	**48.0**	

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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INORGANIC ANALYTICAL REPORT

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Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012515-001
Client Sample ID: CR-10-11
Collection Date: 12/29/2010 1300h
Received Date: 12/30/2010 1659h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	1/3/2011 1352h	1/3/2011 1857h	SW6010C	0.100	**0.169**	
Manganese	mg/L	1/3/2011 1352h	1/4/2011 0009h	SW6020A	0.00120	**0.00314**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012515-002
Client Sample ID: CR-10-12
Collection Date: 12/29/2010 1410h
Received Date: 12/30/2010 1659h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	1/3/2011 1352h	1/3/2011 1930h	SW6010C	1.00	**56.8**	
Manganese	mg/L	1/3/2011 1352h	1/4/2011 0057h	SW6020A	0.00120	**1.10**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012515-001
Client Sample ID: CR-10-11
Collection Date: 12/29/2010 1300h
Received Date: 12/30/2010 1659h

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Jose Rocha
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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	1/3/2011 1347h	1/4/2011 1926h	SW6010C	10.0	**82.4**	
Copper	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.000800	**0.00137**	
Iron	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	0.100	< 0.100	
Lead	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	1.00	**12.4**	
Manganese	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.00120	**0.00120**	
Molybdenum	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	1.00	**1.17**	
Selenium	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.000800	**0.000912**	
Sodium	mg/L	1/3/2011 1347h	1/4/2011 2000h	SW6010C	1.00	**11.1**	
Zinc	mg/L	1/3/2011 1347h	1/3/2011 2319h	SW6020A	0.00500	**0.0558**	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012515-002
Client Sample ID: CR-10-12
Collection Date: 12/29/2010 1410h
Received Date: 12/30/2010 1659h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	0.100	**0.320**	
Arsenic	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	1/3/2011 1347h	1/4/2011 1939h	SW6010C	10.0	**74.2**	
Copper	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.000800	**0.00219**	
Iron	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	0.100	**0.169**	
Lead	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	1.00	**6.72**	
Manganese	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.00120	**0.0259**	
Molybdenum	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	1.00	**1.14**	
Selenium	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	1/3/2011 1347h	1/4/2011 2015h	SW6010C	1.00	**23.9**	
Zinc	mg/L	1/3/2011 1347h	1/3/2011 2350h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012515-001
Client Sample ID: CR-10-11
Collection Date: 12/29/2010 1300h
Received Date: 12/30/2010 1659h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		1/3/2011 1030h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		1/3/2011 0750h	A2320B	20.0	**221**	
Ammonia (as N)	mg/L	1/7/2011 1212h	1/10/2011 1400h	E350.1	0.100	< 0.100	
Bicarbonate (as CaCO3)	mg/L		1/3/2011 0750h	A2320B	20.0	**221**	
Carbonate (as CaCO3)	mg/L		1/3/2011 0750h	A2320B	20.0	< 20.0	
Chloride	mg/L		1/3/2011 1455h	E300.0	1.00	**14.3**	
Hardness (as CaCO3)	mg/L		1/4/2011	A2340B	10.0	**257**	
Nitrate (as N)	mg/L		12/30/2010 1720h	E353.2	0.100	**2.60**	
Nitrite (as N)	mg/L		12/30/2010 1711h	E353.2	0.0100	< 0.0100	
Phosphate, Total Ortho (as P)	mg/L		12/30/2010 1758h	E365.1	0.0500	< 0.0500	
Sulfate	mg/L		1/3/2011 1455h	E300.0	7.50	**27.6**	
Total Dissolved Solids	mg/L		1/4/2011 1300h	A2540C	20.0	**284**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1012515-002
Client Sample ID: CR-10-12
Collection Date: 12/29/2010 1410h
Received Date: 12/30/2010 1659h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		1/3/2011 1030h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		1/3/2011 0750h	A2320B	20.0	**179**	
Ammonia (as N)	mg/L	1/7/2011 1212h	1/10/2011 1404h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		1/3/2011 0750h	A2320B	20.0	**179**	
Carbonate (as CaCO3)	mg/L		1/3/2011 0750h	A2320B	20.0	< 20.0	
Chloride	mg/L		1/3/2011 1605h	E300.0	1.00	**17.9**	
Hardness (as CaCO3)	mg/L		1/4/2011	A2340B	10.0	**213**	
Nitrate (as N)	mg/L		12/30/2010 1726h	E353.2	0.100	**5.56**	
Nitrite (as N)	mg/L		12/30/2010 1719h	E353.2	0.0100	**0.0154**	
Phosphate, Total Ortho (as P)	mg/L		12/30/2010 1801h	E365.1	0.0500	**0.0790**	
Sulfate	mg/L		1/3/2011 1605h	E300.0	7.50	**41.1**	
Total Dissolved Solids	mg/L		1/4/2011 1300h	A2540C	50.0	**370**	@

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1101337-001
Client Sample ID: CR-10-11
Collection Date: 1/22/2011 1200h
Received Date: 1/24/2011 1010h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	1/24/2011 1205h	2/1/2011 2028h	SW6010C	0.100	**0.549**	
Manganese	mg/L	1/24/2011 1205h	1/24/2011 2345h	SW6020A	0.00120	**0.0106**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1101337-002
Client Sample ID: CR-10-12
Collection Date: 1/22/2011 1310h
Received Date: 1/24/2011 1010h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	1/24/2011 1205h	2/1/2011 1827h	SW6010C	1.00	**135**	
Manganese	mg/L	1/24/2011 1205h	1/25/2011 0014h	SW6020A	0.00120	**2.65**	

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INORGANIC ANALYTICAL REPORT

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1101337-001
Client Sample ID: CR-10-11
Collection Date: 1/22/2011 1200h
Received Date: 1/24/2011 1010h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	1/24/2011 1201h	2/2/2011 2004h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	1/24/2011 1201h	2/2/2011 2004h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	1/24/2011 1201h	2/2/2011 1859h	SW6010C	10.0	**80.8**	2
Copper	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.000800	**0.00294**	
Iron	mg/L	1/24/2011 1201h	2/2/2011 2004h	SW6010C	0.100	< 0.100	
Lead	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	1/24/2011 1201h	2/2/2011 2004h	SW6010C	1.00	**13.0**	
Manganese	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.00120	**0.00142**	
Molybdenum	mg/L	1/24/2011 1201h	2/2/2011 2004h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	1/24/2011 1201h	2/2/2011 2004h	SW6010C	1.00	**1.34**	
Selenium	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	1/24/2011 1201h	2/2/2011 1859h	SW6010C	10.0	**10.7**	
Zinc	mg/L	1/24/2011 1201h	1/24/2011 2252h	SW6020A	0.00500	**0.0104**	

[2] - *Analyte concentration is too high for accurate matrix spike recovery and/or RPD.*
Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1101337-002
Client Sample ID: CR-10-12
Collection Date: 1/22/2011 1310h
Received Date: 1/24/2011 1010h

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	1/24/2011 1201h	2/2/2011 2015h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	1/24/2011 1201h	2/2/2011 2015h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	1/24/2011 1201h	2/2/2011 1915h	SW6010C	10.0	**77.1**	
Copper	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.000800	**0.00180**	
Iron	mg/L	1/24/2011 1201h	2/2/2011 2015h	SW6010C	0.100	< 0.100	
Lead	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	1/24/2011 1201h	2/2/2011 2015h	SW6010C	1.00	**6.65**	
Manganese	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.00120	**0.0946**	
Molybdenum	mg/L	1/24/2011 1201h	2/2/2011 2015h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	1/24/2011 1201h	2/2/2011 2015h	SW6010C	1.00	**1.21**	
Selenium	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	1/24/2011 1201h	2/2/2011 1915h	SW6010C	10.0	**25.5**	
Zinc	mg/L	1/24/2011 1201h	1/24/2011 2311h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1101337-001
Client Sample ID: CR-10-11
Collection Date: 1/22/2011 1200h
Received Date: 1/24/2011 1010h

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Jose Rocha
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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		1/26/2011 0800h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		1/26/2011 0640h	A2320B	20.0	**235**	
Ammonia (as N)	mg/L	2/1/2011 1353h	2/2/2011 1138h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		1/26/2011 0640h	A2320B	20.0	**235**	
Carbonate (as CaCO3)	mg/L		1/26/2011 0640h	A2320B	20.0	< 20.0	
Chloride	mg/L		1/25/2011 1849h	E300.0	1.00	**14.6**	
Hardness (as CaCO3)	mg/L		2/2/2011	A2340B	10.0	**255**	
Nitrate (as N)	mg/L		1/24/2011 1353h	E353.2	0.100	**2.68**	H
Nitrite (as N)	mg/L		1/24/2011 1348h	E353.2	0.0100	**0.0136**	H
Phosphate, Total Ortho (as P)	mg/L		1/24/2011 1256h	E365.1	0.0500	**0.0784**	H
Sulfate	mg/L		1/25/2011 1849h	E300.0	7.50	**26.7**	
Total Dissolved Solids	mg/L		1/25/2011 1330h	A2540C	20.0	**288**	

H - Insufficient time remained after receipt to complete analysis within the holding time.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney)
Lab Sample ID: 1101337-002
Client Sample ID: CR-10-12
Collection Date: 1/22/2011 1310h
Received Date: 1/24/2011 1010h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		1/26/2011 0800h	A2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		1/26/2011 0640h	A2320B	20.0	**186**	
Ammonia (as N)	mg/L	2/1/2011 1353h	2/2/2011 1142h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		1/26/2011 0640h	A2320B	20.0	**186**	
Carbonate (as CaCO3)	mg/L		1/26/2011 0640h	A2320B	20.0	< 20.0	
Chloride	mg/L		1/25/2011 1959h	E300.0	1.00	**18.1**	
Hardness (as CaCO3)	mg/L		2/2/2011	A2340B	10.0	**220**	
Nitrate (as N)	mg/L		1/24/2011 1405h	E353.2	0.100	**4.67**	H
Nitrite (as N)	mg/L		1/24/2011 1357h	E353.2	0.0100	**0.0430**	H
Phosphate, Total Ortho (as P)	mg/L		1/24/2011 1259h	E365.1	0.0500	**0.140**	
Sulfate	mg/L		1/25/2011 1959h	E300.0	7.50	**38.4**	
Total Dissolved Solids	mg/L		1/25/2011 1330h	A2540C	50.0	**560**	@

@ - High RPD due to suspected sample non-homogeneity or matrix interference.
H - Insufficient time remained after receipt to complete analysis within the holding time.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-001
Client Sample ID: CR-10-11
Collection Date: 2/24/2011 1230h
Received Date: 2/25/2011 0950h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	2/25/2011 1423h	2/25/2011 2042h	SW6010C	0.100	**14.2**	[2]
Manganese	mg/L	2/25/2011 1423h	2/28/2011 0726h	SW6020A	0.00120	**0.304**	

[2] - *Analyte concentration is too high for accurate matrix spike recovery and/or RPD.*

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Jose Rocha
QA Officer

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Laboratory Director

Jose Rocha
QA Officer

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-002
Client Sample ID: CR-10-12
Collection Date: 2/24/2011 1420h
Received Date: 2/25/2011 0950h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	2/25/2011 1423h	2/25/2011 2122h	SW6010C	1.00	**70.2**	
Manganese	mg/L	2/25/2011 1423h	2/28/2011 0816h	SW6020A	0.00120	**1.05**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-003
Client Sample ID: Mud Creek
Collection Date: 2/24/2011 1320h
Received Date: 2/25/2011 0950h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	2/25/2011 1423h	2/25/2011 2102h	SW6010C	0.100	**0.339**	
Manganese	mg/L	2/25/2011 1423h	2/28/2011 0822h	SW6020A	0.00120	**0.0275**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-004
Client Sample ID: Sulfur Spring
Collection Date: 2/24/2011 1510h
Received Date: 2/25/2011 0950h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Iron	mg/L	2/25/2011 1423h	2/25/2011 2106h	SW6010C	0.100	< 0.100	
Manganese	mg/L	2/25/2011 1423h	2/28/2011 0827h	SW6020A	0.00120	**0.0343**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-001
Client Sample ID: CR-10-11
Collection Date: 2/24/2011 1230h
Received Date: 2/25/2011 0950h

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DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	2/25/2011 1421h	2/28/2011 1709h	SW6010C	10.0	**81.2**	
Copper	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	0.100	< 0.100	
Lead	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	1.00	**12.0**	
Manganese	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.00120	< 0.00120	
Molybdenum	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	1.00	**1.35**	
Selenium	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.000800	**0.000963**	
Sodium	mg/L	2/25/2011 1421h	2/28/2011 1745h	SW6010C	1.00	**10.7**	
Zinc	mg/L	2/25/2011 1421h	2/28/2011 0608h	SW6020A	0.00500	**0.00550**	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-002
Client Sample ID: CR-10-12
Collection Date: 2/24/2011 1420h
Received Date: 2/25/2011 0950h

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	2/25/2011 1421h	2/28/2011 1714h	SW6010C	10.0	**76.4**	
Copper	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.000800	**0.000992**	
Iron	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	0.100	< 0.100	
Lead	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	1.00	**6.75**	
Manganese	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.00120	**0.0322**	
Molybdenum	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	1.00	**1.06**	
Selenium	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	2/25/2011 1421h	2/28/2011 1749h	SW6010C	1.00	**20.7**	
Zinc	mg/L	2/25/2011 1421h	2/28/2011 0613h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-003
Client Sample ID: Mud Creek
Collection Date: 2/24/2011 1320h
Received Date: 2/25/2011 0950h

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QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	2/25/2011 1421h	2/28/2011 1757h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	2/25/2011 1421h	2/28/2011 1757h	SW6010C	0.500	< 0.500	1
Cadmium	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	2/25/2011 1421h	2/28/2011 1717h	SW6010C	10.0	**62.2**	
Copper	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.000800	**0.00119**	
Iron	mg/L	2/25/2011 1421h	2/28/2011 1757h	SW6010C	0.100	< 0.100	
Lead	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	2/25/2011 1421h	2/28/2011 1757h	SW6010C	1.00	**33.4**	1
Manganese	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.00120	**0.0166**	
Molybdenum	mg/L	2/25/2011 1421h	2/28/2011 1757h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	2/25/2011 1421h	2/28/2011 1757h	SW6010C	1.00	**6.47**	1
Selenium	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	2/25/2011 1421h	2/28/2011 1717h	SW6010C	10.0	**41.6**	
Zinc	mg/L	2/25/2011 1421h	2/28/2011 0619h	SW6020A	0.00500	< 0.00500	

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.
Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-004
Client Sample ID: Sulfur Spring
Collection Date: 2/24/2011 1510h
Received Date: 2/25/2011 0950h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

DISSOLVED METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	0.100	< 0.100	
Arsenic	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.000600	< 0.000600	
Boron	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	0.500	< 0.500	
Cadmium	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.000180	< 0.000180	
Calcium	mg/L	2/25/2011 1421h	2/28/2011 1729h	SW6010C	10.0	**91.7**	
Copper	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.000800	< 0.000800	
Iron	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	0.100	< 0.100	
Lead	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.000400	< 0.000400	
Magnesium	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	1.00	**37.6**	
Manganese	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.00120	**0.0326**	
Molybdenum	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	0.0200	< 0.0200	
Potassium	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	1.00	**5.24**	
Selenium	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.000800	< 0.000800	
Sodium	mg/L	2/25/2011 1421h	2/28/2011 1813h	SW6010C	1.00	**9.28**	
Zinc	mg/L	2/25/2011 1421h	2/28/2011 0705h	SW6020A	0.00500	< 0.00500	

Analysis performed on a portion of the sample filtered at the laboratory upon receipt.

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-001
Client Sample ID: CR-10-11
Collection Date: 2/24/2011 1230h
Received Date: 2/25/2011 0950h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		2/28/2011 1000h	SM2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**231**	
Ammonia (as N)	mg/L	2/28/2011 1223h	3/2/2011 1623h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**231**	
Carbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	< 20.0	
Chloride	mg/L		2/28/2011 1214h	E300.0	1.00	**14.7**	
Hardness (as CaCO3)	mg/L		2/28/2011	SM2340B	10.0	**252**	
Nitrate (as N)	mg/L		2/25/2011 1616h	E353.2	0.100	**2.78**	
Nitrite (as N)	mg/L		2/25/2011 1615h	E353.2	0.0100	< 0.0100	
Phosphate, Total Ortho (as P)	mg/L		2/25/2011 1240h	E365.1	0.0500	**0.238**	
Sulfate	mg/L		2/28/2011 1214h	E300.0	7.50	**27.7**	
Total Dissolved Solids	mg/L		2/25/2011 1445h	SM2540C	20.0	**336**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-002
Client Sample ID: CR-10-12
Collection Date: 2/24/2011 1420h
Received Date: 2/25/2011 0950h

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QA Officer

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		2/28/2011 1000h	SM2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**187**	
Ammonia (as N)	mg/L	2/28/2011 1223h	3/2/2011 1628h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**187**	
Carbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	< 20.0	
Chloride	mg/L		2/28/2011 1410h	E300.0	1.00	**19.0**	
Hardness (as CaCO3)	mg/L		2/28/2011	SM2340B	10.0	**219**	
Nitrate (as N)	mg/L		2/25/2011 1626h	E353.2	0.100	**5.47**	
Nitrite (as N)	mg/L		2/25/2011 1624h	E353.2	0.0100	**0.0142**	
Phosphate, Total Ortho (as P)	mg/L		2/25/2011 1243h	E365.1	0.0500	**0.184**	
Sulfate	mg/L		2/28/2011 1410h	E300.0	7.50	**40.4**	
Total Dissolved Solids	mg/L		2/25/2011 1445h	SM2540C	20.0	**380**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-003
Client Sample ID: Mud Creek
Collection Date: 2/24/2011 1320h
Received Date: 2/25/2011 0950h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		2/28/2011 1000h	SM2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**259**	
Ammonia (as N)	mg/L	2/28/2011 1223h	3/2/2011 1630h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**259**	
Carbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	< 20.0	
Chloride	mg/L		2/28/2011 1433h	E300.0	1.00	**20.4**	
Hardness (as CaCO3)	mg/L		2/28/2011	SM2340B	10.0	**293**	
Nitrate (as N)	mg/L		2/25/2011 1627h	E353.2	0.0100	**0.230**	
Nitrite (as N)	mg/L		2/25/2011 1627h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		2/25/2011 1216h	E1664A	3.00	**3.01**	
Phosphate, Total Ortho (as P)	mg/L		2/25/2011 1244h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		2/25/2011 1050h	SM2540F	0.100	< 0.100	
Sulfate	mg/L		2/28/2011 1433h	E300.0	7.50	**103**	
Total Dissolved Solids	mg/L		2/25/2011 1445h	SM2540C	20.0	**408**	
Total Suspended Solids	mg/L		2/25/2011 1615h	SM2540D	3.00	**17.0**	

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INORGANIC ANALYTICAL REPORT

Client: Carbon Resources **Contact:** Brad Lindsay
Project: Scofield Baseline (Kinney #2)
Lab Sample ID: 1102368-004
Client Sample ID: Sulfur Spring
Collection Date: 2/24/2011 1510h
Received Date: 2/25/2011 0950h

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Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Acidity	mg/L		2/28/2011 1000h	SM2310B	15.0	< 15.0	
Alkalinity (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**366**	
Ammonia (as N)	mg/L	2/28/2011 1223h	3/2/2011 1631h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	**366**	
Carbonate (as CaCO3)	mg/L		2/28/2011 0750h	SM2320B	20.0	< 20.0	
Chloride	mg/L		2/28/2011 1457h	E300.0	1.00	**6.49**	
Hardness (as CaCO3)	mg/L		2/28/2011	SM2340B	10.0	**384**	
Nitrate (as N)	mg/L		2/25/2011 1608h	E353.2	0.0100	< 0.0100	
Nitrite (as N)	mg/L		2/25/2011 1608h	E353.2	0.0100	< 0.0100	
Oil & Grease	mg/L		2/25/2011 1216h	E1664A	3.00	**3.20**	
Phosphate, Total Ortho (as P)	mg/L		2/25/2011 1245h	E365.1	0.0500	< 0.0500	
Settleable Solids	mL/L		2/25/2011 1050h	SM2540F	0.100	< 0.100	
Sulfate	mg/L		2/28/2011 1457h	E300.0	7.50	**44.9**	
Total Dissolved Solids	mg/L		2/25/2011 1445h	SM2540C	20.0	**380**	
Total Suspended Solids	mg/L		2/25/2011 1615h	SM2540D	3.00	< 3.00	

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