

APPENDIX C

Quality Control Report

Appendix C
Quality Control Report
May 2008 Masked Duplicates
Eagle Project

Parameter	Units	QAL053A ^T		QAL055A ^T		QAL029D ^D	
		Sample	DUPM001	Sample	DUPM002	Sample	DUPM003
Metals							
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	7.7	7.2	2.0	1.9	1.6	2.4
Barium	ug/L	7.9	7.1	<5.0	<5.0	7.6	8.1
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	34	31	<20	<20	<20	21
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0	5.9	6.2
Cobalt	ug/L	<15	<15	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0	1.7	1.5
Iron	ug/L	<20	<20	24	120	18	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0	15	15
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500	NM	NM
Molybdenum	ug/L	<10	<10	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0	5.8	7.2
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	83	76	24	26	29	31
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	1.5	1.4	<1.0	1.1	2.0	2.3
Zinc	ug/L	<10	<10	<10	<10	<10	<10
Major Anions							
Alkalinity, Bicarbonate	mg/L	56	57	37	36	82	73
Chloride	mg/L	<1.0	1.4	<1.0	<1.0	1.0	<1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	<0.050	<0.050	0.066	0.074	0.059	<0.050
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	0.0225	0.0169	0.0153	0.0201	0.142	0.332
Sulfate	mg/L	5.7	5.7	2.0	2.0	5.4	5.5
Major Cations							
Calcium	mg/L	15	16	11	11	16	16
Magnesium	mg/L	3.6	3.8	2.4	2.3	4.1	4.1
Potassium	mg/L	1.2	1.3	0.73	0.76	2.3	2.4
Sodium	mg/L	1.8	1.9	0.97	0.97	1.2	1.5
General Chemistry							
Hardness, (calculated) as CaCO ₃	mg/L	52	56	37	37	57	57

- ^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.
 NM Not measured.
^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
May 2008 Field Blanks
Eagle Project

Parameter	Units	FBKM001 ^T	FBKM002 ^T	FBKM003 ^T
Metals				
Antimony	ug/L	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	<1.0
Barium	ug/L	<5.0	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0
Mercury	ng/L	<0.500	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20
Strontium	ug/L	<5.0	<5.0	<5.0
Thallium	ug/L	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	<1.0
Zinc	ug/L	<10	<10	<10
Major Anions				
Alkalinity, Bicarbonate	mg/L	<2.0	<2.0	<2.0
Chloride	mg/L	1.0	<1.0	<1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	<0.050	<0.050	<0.050
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	<0.0100	<0.0100	0.120
Sulfate	mg/L	<1.0	<1.0	<1.0
Major Cations				
Calcium	mg/L	<0.50	<0.50	<0.50
Magnesium	mg/L	<0.50	<0.50	<0.50
Potassium	mg/L	<0.50	<0.50	<0.50
Sodium	mg/L	<0.50	<0.50	<0.50
General Chemistry				
Hardness, (calculated) as CaCO ₃	mg/L	<3	<3	<3

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
June 2008 Masked Duplicates
Eagle Project

Parameter	Units	QAL026D ^T		QAL053A ^T	
		Sample	DUPM001	Sample	DUPM002
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	7.0	7.2
Barium	ug/L	<5.0	<5.0	7.8	7.4
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	27	28
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	9.4	9.2	72	71
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	1.4	1.3
Zinc	ug/L	<10	11	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	63	27	62	66
Chloride	mg/L	<1.0	<1.0	<1.0	<1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	0.11	0.12	<0.050	<0.050
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	0.0271	0.0241	0.0258	0.0276
Sulfate	mg/L	1.8	1.8	6.5	6.1
Major Cations					
Calcium	mg/L	9.1	9.0	14	14
Magnesium	mg/L	1.2	1.3	3.5	3.5
Potassium	mg/L	0.75	0.66	1.2	1.2
Sodium	mg/L	0.63	0.62	1.7	1.7
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	28	28	49	49

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
June 2008 Field Blanks
Eagle Project

Parameter	Units	FBKM001 ^D	FBKM001 ^T	FBKM002 ^D	FBKM002 ^T
Metals					
Antimony	ug/L	NM	<1.0	<1.0	<1.0
Arsenic	ug/L	NM	<1.0	<1.0	<1.0
Barium	ug/L	NM	<5.0	<5.0	<5.0
Beryllium	ug/L	NM	<1.0	<1.0	<1.0
Boron	ug/L	NM	<20	38	<20
Cadmium	ug/L	NM	<0.20	<0.20	<0.20
Chromium	ug/L	NM	<1.0	<1.0	<1.0
Cobalt	ug/L	NM	<15	<15	<15
Copper	ug/L	NM	<1.0	<1.0	<1.0
Iron	ug/L	NM	<20	<20	<20
Lead	ug/L	NM	<1.0	<1.0	<1.0
Lithium	ug/L	NM	<8.0	<8.0	<8.0
Manganese	ug/L	NM	<5.0	<5.0	<5.0
Mercury	ng/L	<0.500	1.38	<0.500	<0.500
Molybdenum	ug/L	NM	<10	<10	<10
Nickel	ug/L	NM	<2.0	<2.0	<2.0
Selenium	ug/L	NM	<1.0	<1.0	<1.0
Silver	ug/L	NM	<0.20	<0.20	<0.20
Strontium	ug/L	NM	<5.0	<5.0	<5.0
Thallium	ug/L	NM	<2.0	<2.0	<2.0
Vanadium	ug/L	NM	<1.0	<1.0	<1.0
Zinc	ug/L	NM	<10	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	NM	<2.0	NM	<2.0
Chloride	mg/L	NM	<1.0	NM	<1.0
Nitrogen, Ammonia	mg/L	NM	<0.020	NM	<0.020
Nitrogen, Nitrate	mg/L	NM	<0.050	NM	<0.050
Nitrogen, Nitrite	mg/L	NM	<0.050	NM	<0.050
Phosphorus, Total	mg/L	NM	<0.0100	NM	<0.0100
Sulfate	mg/L	NM	<1.0	NM	<1.0
Major Cations					
Calcium	mg/L	NM	<0.50	<0.50	0.68
Magnesium	mg/L	NM	<0.50	<0.50	<0.50
Potassium	mg/L	NM	<0.50	<0.50	<0.50
Sodium	mg/L	NM	<0.50	0.85	1.7
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	NM	<3	<3	3

^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.

NM Not measured.

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
July 2008 Masked Duplicates
Eagle Project

Parameter	Units	QAL053A ^T		QAL050A ^T	
		Sample	DUPM001	Sample	DUPM002
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	7.1	6.8	1.2	1.4
Barium	ug/L	7.7	7.4	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	31	30	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	1.1	<1.0	1.2	1.1
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	24	<20	<10	<10
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	1.5	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	78	73	21	20
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	1.5	1.5	1.5	1.5
Zinc	ug/L	<10	<10	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	65	73	40	41
Chloride	mg/L	<1.0	<1.0	<1.0	1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	<0.050	<0.050	0.11	0.11
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	0.0145	0.0206	0.0125	0.0149
Sulfate	mg/L	6.0	5.9	2.8	2.7
Major Cations					
Calcium	mg/L	16	16	12	12
Magnesium	mg/L	4.0	4.0	2.3	2.2
Potassium	mg/L	1.1	1.1	0.67	0.70
Sodium	mg/L	2.0	2.3	0.95	0.93
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	56	56	39	39

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
July 2008 Field Blanks
Eagle Project

Parameter	Units	FBKM001 ^D	FBKM001 ^T	FBKM002 ^D	FBKM002 ^T
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	<1.0	<1.0
Barium	ug/L	<5.0	<5.0	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	<5.0	<5.0	<5.0	<5.0
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	<1.0	<1.0
Zinc	ug/L	<10	<10	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	NM	<2.0	NM	<2.0
Chloride	mg/L	NM	<1.0	NM	<1.0
Nitrogen, Ammonia	mg/L	NM	<0.020	NM	<0.020
Nitrogen, Nitrate	mg/L	NM	<0.050	NM	<0.050
Nitrogen, Nitrite	mg/L	NM	<0.050	NM	<0.050
Phosphorus, Total	mg/L	NM	<0.0100	NM	<0.0100
Sulfate	mg/L	NM	<1.0	NM	<1.0
Major Cations					
Calcium	mg/L	<0.50	<0.50	<0.50	0.79
Magnesium	mg/L	<0.50	<0.50	<0.50	<0.50
Potassium	mg/L	<0.50	<0.50	<0.50	<0.50
Sodium	mg/L	<0.50	<0.50	<0.50	<0.50
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	<3	<3	<3	3

^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.

NM Not measured.

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
August 2008 Masked Duplicates
Eagle Project

Parameter	Units	QAL057D ^T		QAL008A ^T		QAL051A ^D	
		Sample	DUPM001	Sample	DUPM002	Sample	DUPM003
Metals							
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	4.5	4.5	<1.0	<1.0	1.4	1.4
Barium	ug/L	<5.0	5.7	<5.0	<5.0	8.0	7.8
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	25	24	<20	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0	22	23
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500	1.74	1.72
Molybdenum	ug/L	<10	<10	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	53	54	8.2	8.1	26	27
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	1.0	1.1	<1.0	<1.0	2.7	2.7
Zinc	ug/L	<10	<10	<10	<10	<10	<10
Major Anions							
Alkalinity, Bicarbonate	mg/L	58	58	26	26	63	55
Chloride	mg/L	<1.0	1.0	1.1	<1.0	<1.0	<1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	0.053	0.051	0.18	0.19	<0.050	<0.050
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	0.0270	0.0231	0.0118	0.0125	0.0351	0.0384
Sulfate	mg/L	5.3	5.3	2.0	1.9	3.3	3.3
Major Cations							
Calcium	mg/L	15	15	8.0	7.6	13	13
Magnesium	mg/L	3.3	3.5	1.3	1.2	1.9	2.1
Potassium	mg/L	1.0	0.98	<0.50	<0.50	1.8	1.9
Sodium	mg/L	1.5	1.5	0.56	0.54	1.2	1.3
General Chemistry							
Hardness, (calculated) as CaCO ₃	mg/L	51	52	25	24	40	41

^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
August 2008 Field Blanks
Eagle Project

Parameter	Units	FBKM001 ^D	FBKM001 ^T	FBKM002 ^D	FBKM002 ^T
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	<1.0	<1.0
Barium	ug/L	<5.0	<5.0	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	0.949	<0.500	0.682	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	<5.0	<5.0	<5.0	<5.0
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	<1.0	<1.0
Zinc	ug/L	<10	<10	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	NM	<2.0	NM	<2.0
Chloride	mg/L	NM	<1.0	NM	<1.0
Nitrogen, Ammonia	mg/L	NM	<0.020	NM	<0.020
Nitrogen, Nitrate	mg/L	NM	<0.050	NM	<0.050
Nitrogen, Nitrite	mg/L	NM	<0.050	NM	<0.050
Phosphorus, Total	mg/L	NM	<0.0100	NM	<0.0100
Sulfate	mg/L	NM	<1.0	NM	<1.0
Major Cations					
Calcium	mg/L	<0.50	<0.50	<0.50	<0.50
Magnesium	mg/L	<0.50	<0.50	<0.50	<0.50
Potassium	mg/L	<0.50	<0.50	<0.50	<0.50
Sodium	mg/L	<0.50	<0.50	<0.50	<0.50
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	<3	<3	<3	<3

^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.

NM Not measured.

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
September 2008 Masked Duplicates
Eagle Project

Parameter	Units	QAL057A ^T		QAL026D ^T	
		Sample	DUPM001	Sample	DUPM002
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	<1.0	<1.0
Barium	ug/L	<5.0	6.6	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	1.3	<1.0
Iron	ug/L	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	5.5	<5.0
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	11	12	10	9.9
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	<1.0	<1.0
Zinc	ug/L	<10	<10	20	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	38	33	27	32
Chloride	mg/L	<1.0	<1.0	<1.0	<1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	0.11	0.098	0.078	0.082
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	<0.0100	<0.0100	<0.0100	0.0384
Sulfate	mg/L	2.2	2.3	2.0	2.0
Major Cations					
Calcium	mg/L	9.6	9.6	8.6	8.6
Magnesium	mg/L	1.7	1.7	1.3	1.3
Potassium	mg/L	0.54	0.55	<0.50	<0.50
Sodium	mg/L	0.66	0.67	0.61	0.60
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	31	31	27	27

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
September 2008 Field Blanks
Eagle Project

Parameter	Units	FBKM001 ^D	FBKM001 ^T	FBKM002 ^D	FBKM002 ^T	FBKM003 ^D
Metals						
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Barium	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	0.510	<0.500	1.15	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0
Zinc	ug/L	<10	<10	<10	<10	<10
Major Anions						
Alkalinity, Bicarbonate	mg/L	NM	<2.0	NM	<2.0	<2.0
Chloride	mg/L	NM	<1.0	NM	<1.0	<1.0
Nitrogen, Ammonia	mg/L	NM	<0.020	NM	<0.020	<0.020
Nitrogen, Nitrate	mg/L	NM	<0.050	NM	<0.050	<0.050
Nitrogen, Nitrite	mg/L	NM	<0.050	NM	<0.050	<0.050
Phosphorus, Total	mg/L	NM	<0.0100	NM	<0.0100	<0.0100
Sulfate	mg/L	NM	<1.0	NM	<1.0	<1.0
Major Cations						
Calcium	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
Magnesium	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
Sodium	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
General Chemistry						
Hardness, (calculated) as CaCO ₃	mg/L	<3	<3	<3	<3	<3

^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.

NM Not measured.

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
October 2008 Masked Duplicates
Eagle Project

Parameter	Units	QAL008A ^T		QAL057D ^T	
		Sample	DUPM001	Sample	DUPM002
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	4.6	4.7
Barium	ug/L	<5.0	<5.0	<5.0	<1.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	22	23
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	<0.500	<0.500	<0.500	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	8.5	8.2	54	55
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	1.1	1.2
Zinc	ug/L	<10	<10	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	29	23	53	56
Chloride	mg/L	<1.0	<1.0	<1.0	<1.0
Nitrogen, Ammonia	mg/L	<0.020	<0.020	<0.020	<0.020
Nitrogen, Nitrate	mg/L	0.22	0.22	<0.050	0.056
Nitrogen, Nitrite	mg/L	<0.050	<0.050	<0.050	<0.050
Phosphorus, Total	mg/L	<0.0100	<0.0100	<0.0100	<0.0100
Sulfate	mg/L	1.9	1.9	4.8	5.0
Major Cations					
Calcium	mg/L	7.5	7.7	14	14
Magnesium	mg/L	1.2	1.2	3.3	3.4
Potassium	mg/L	<0.50	<0.50	0.81	0.97
Sodium	mg/L	0.51	0.52	1.3	1.3
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	24	24	49	49

^T Sample was not filtered and all values are total concentrations.

Appendix C
Quality Control Report
October 2008 Field Blanks
Eagle Project

Parameter	Units	FBKM001 ^D	FBKM001 ^T	FBKM002 ^D	FBKM002 ^T
Metals					
Antimony	ug/L	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	<1.0	<1.0	<1.0	<1.0
Barium	ug/L	<5.0	<5.0	<5.0	<5.0
Beryllium	ug/L	<1.0	<1.0	<1.0	<1.0
Boron	ug/L	<20	<20	<20	<20
Cadmium	ug/L	<0.20	<0.20	<0.20	<0.20
Chromium	ug/L	<1.0	<1.0	<1.0	<1.0
Cobalt	ug/L	<15	<15	<15	<15
Copper	ug/L	<1.0	<1.0	<1.0	<1.0
Iron	ug/L	<20	<20	<20	<20
Lead	ug/L	<1.0	<1.0	<1.0	<1.0
Lithium	ug/L	<8.0	<8.0	<8.0	<8.0
Manganese	ug/L	<5.0	<5.0	<5.0	<5.0
Mercury	ng/L	1.61	<0.500	1.04	<0.500
Molybdenum	ug/L	<10	<10	<10	<10
Nickel	ug/L	<2.0	<2.0	<2.0	<2.0
Selenium	ug/L	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	<0.20	<0.20	<0.20	<0.20
Strontium	ug/L	<5.0	<5.0	<5.0	<5.0
Thallium	ug/L	<2.0	<2.0	<2.0	<2.0
Vanadium	ug/L	<1.0	<1.0	<1.0	<1.0
Zinc	ug/L	<10	<10	<10	<10
Major Anions					
Alkalinity, Bicarbonate	mg/L	NM	<2.0	NM	<2.0
Chloride	mg/L	NM	<1.0	NM	<1.0
Nitrogen, Ammonia	mg/L	NM	<0.020	NM	<0.020
Nitrogen, Nitrate	mg/L	NM	<0.050	NM	<0.050
Nitrogen, Nitrite	mg/L	NM	<0.050	NM	<0.050
Phosphorus, Total	mg/L	NM	<0.0100	NM	<0.0100
Sulfate	mg/L	NM	<1.0	NM	<1.0
Major Cations					
Calcium	mg/L	<0.50	<0.50	<0.50	<0.50
Magnesium	mg/L	<0.50	<0.50	<0.50	<0.50
Potassium	mg/L	<0.50	<0.50	<0.50	<0.50
Sodium	mg/L	<0.50	<0.50	<0.50	<0.50
General Chemistry					
Hardness, (calculated) as CaCO ₃	mg/L	<3	<3	<3	<3

^D Sample for metal and major cation parameters was filtered and values are dissolved concentrations.

NM Not measured.

^T Sample was not filtered and all values are total concentrations.