APPENDIX D
Water Quality Analytical Reports

2010 Report of Waste Discharge, Bishop Mill Project

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-15751-1

Job Description: Bishop Mill

For:
TEAM Engineering & Management, Inc.
PO BOX 1265
Bishop, CA 93515

Attention: Ms. Naomi Garcia

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

09/03/2008

cc: Mr. Tom Hodges

TestAmerica Laboratories, Inc.
TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Job Narrative
720-J15751-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 40652 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method(s) 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 40671 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-15751-1	**MW-1**				
Antimony		0.010	0.0050	mg/L	6010B
Barium		0.032	0.0050	mg/L	6010B
Molybdenum		0.015	0.0050	mg/L	6010B
720-15751-2	**MW-2**				
Antimony		0.0087	0.0050	mg/L	6010B
Arsenic		0.0068	0.0050	mg/L	6010B
Barium		0.030	0.0050	mg/L	6010B
Molybdenum		0.016	0.0050	mg/L	6010B
Vanadium		0.0053	0.0050	mg/L	6010B
720-15751-3	**PW-3**				
Antimony		0.0052	0.0050	mg/L	6010B
Barium		0.046	0.0050	mg/L	6010B
Molybdenum		0.015	0.0050	mg/L	6010B
Vanadium		0.0056	0.0050	mg/L	6010B
Zinc		0.18	0.010	mg/L	6010B
720-15751-4	**SC-1**				
Antimony		8.7	2.0	mg/Kg	6010B
Arsenic		19	1.0	mg/Kg	6010B
Barium		120	1.0	mg/Kg	6010B
Cadmium		1.3	0.51	mg/Kg	6010B
Chromium		12	1.0	mg/Kg	6010B
Cobalt		3.9	1.0	mg/Kg	6010B
Copper		650	1.0	mg/Kg	6010B
Lead		2200	1.0	mg/Kg	6010B
Molybdenum		10	1.0	mg/Kg	6010B
Nickel		6.6	1.0	mg/Kg	6010B
Selenium		2.3	2.0	mg/Kg	6010B
Silver		8.8	1.0	mg/Kg	6010B
Vanadium		10	1.0	mg/Kg	6010B
Zinc		140	1.0	mg/Kg	6010B
Mercury		30	4.9	mg/Kg	7471A

METHOD SUMMARY

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	TAL SF		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL SF	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual Cold	TAL SF		SW846 7471A
Matrix: Water			
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SF	SW846 6010B	
Acid Digestion of Aqueous Samples and Extracts for	TAL SF		SW846 3010A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SF	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	TAL SF		SW846 7470A

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-15751-1	MW-1	Water	08/26/2008 1245	08/28/2008 0930
720-15751-2	MW-2	Water	08/26/2008 1330	08/28/2008 0930
720-15751-3	PW-3	Water	08/26/2008 1130	08/28/2008 0930
720-15751-4	SC-1	Solid	08/26/2008 1030	08/28/2008 0930

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Client Sample ID: MW-1

Lab Sample ID: 720-15751-1
Client Matrix: Water

Date Sampled: 08/26/2008 1245
Date Received: 08/28/2008 0930

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 09/03/2008 0646
Date Prepared: 08/29/2008 1808

Analysis Batch: 720-40705
Prep Batch: 720-40646

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.010		0.0050
Arsenic	ND		0.0050
Barium	0.032		0.0050
Beryllium	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Cobalt	ND		0.0050
Copper	ND		0.0050
Lead	ND		0.0050
Molybdenum	0.015		0.0050
Nickel	ND		0.0050
Selenium	ND		0.0050
Silver	ND		0.0050
Thallium	ND		0.0050
Vanadium	ND		0.0050
Zinc	ND		0.010

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 09/03/2008 0954
Date Prepared: 09/02/2008 1654

Analysis Batch: 720-40735
Prep Batch: 720-40687

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	ND		0.00020

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Client Sample ID: MW-2

Lab Sample ID:	720-15751-2	Date Sampled:	08/26/2008 1330
Client Matrix:	Water	Date Received:	08/28/2008 0930

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-40705	Instrument ID:	Varian ICP
Preparation:	3010A	Prep Batch: 720-40646	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	09/03/2008 0649		Final Weight/Volume:	50 mL
Date Prepared:	08/29/2008 1808			

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.0087		0.0050
Arsenic	0.0068		0.0050
Barium	0.030		0.0050
Beryllium	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Cobalt	ND		0.0050
Copper	ND		0.0050
Lead	ND		0.0050
Molybdenum	0.016		0.0050
Nickel	ND		0.0050
Selenium	ND		0.0050
Silver	ND		0.0050
Thallium	ND		0.0050
Vanadium	0.0053		0.0050
Zinc	ND		0.010

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 720-40735	Instrument ID:	FIMS 100
Preparation:	7470A	Prep Batch: 720-40687	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	09/03/2008 0957		Final Weight/Volume:	50 mL
Date Prepared:	09/02/2008 1654			

Analyte	Result (mg/L)	Qualifier	RL
Mercury	ND		0.00020

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Client Sample ID: PW-3

Lab Sample ID:	720-15751-3	Date Sampled:	08/26/2008 1130
Client Matrix:	Water	Date Received:	08/28/2008 0930

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-40705	Instrument ID:	Varian ICP
Preparation:	3010A	Prep Batch: 720-40646	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	09/03/2008 0653		Final Weight/Volume:	50 mL
Date Prepared:	08/29/2008 1808			

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.0052		0.0050
Arsenic	ND		0.0050
Barium	0.046		0.0050
Beryllium	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Cobalt	ND		0.0050
Copper	ND		0.0050
Lead	ND		0.0050
Molybdenum	0.015		0.0050
Nickel	ND		0.0050
Selenium	ND		0.0050
Silver	ND		0.0050
Thallium	ND		0.0050
Vanadium	0.0056		0.0050
Zinc	0.18		0.010

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 720-40735	Instrument ID:	FIMS 100
Preparation:	7470A	Prep Batch: 720-40687	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	09/03/2008 0959		Final Weight/Volume:	50 mL
Date Prepared:	09/02/2008 1654			

Analyte	Result (mg/L)	Qualifier	RL
Mercury	ND		0.00020

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Client Sample ID: SC-1

Lab Sample ID:	720-15751-4	Date Sampled:	08/26/2008 1030
Client Matrix:	Solid	Date Received:	08/28/2008 0930

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-40699		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-40652		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.98 g
Date Analyzed:	09/02/2008 2108			Final Weight/Volume:	50 mL
Date Prepared:	09/02/2008 0841				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		8.7		2.0
Arsenic		19		1.0
Barium		120		1.0
Beryllium		ND		0.51
Cadmium		1.3		0.51
Chromium		12		1.0
Cobalt		3.9		1.0
Copper		650		1.0
Lead		2200		1.0
Molybdenum		10		1.0
Nickel		6.6		1.0
Selenium		2.3		2.0
Silver		8.8		1.0
Thallium		ND		1.0
Vanadium		10		1.0
Zinc		140		1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-40711		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-40671		Lab File ID:	N/A
Dilution:	100			Initial Weight/Volume:	1.03 g
Date Analyzed:	09/03/2008 0823			Final Weight/Volume:	50 mL
Date Prepared:	09/02/2008 1303				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		30		4.9

DATA REPORTING QUALIFIERS

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Lab Section	Qualifier	Description
Metals		
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-40646					
LCS 720-40646/2-A	Lab Control Spike	T	Water	3010A	
LCSD 720-40646/3-A	Lab Control Spike Duplicate	T	Water	3010A	
MB 720-40646/1-A	Method Blank	T	Water	3010A	
720-15721-P-1-B MS	Matrix Spike	T	Water	3010A	
720-15721-P-1-C MSD	Matrix Spike Duplicate	T	Water	3010A	
720-15751-1	MW-1	T	Water	3010A	
720-15751-2	MW-2	T	Water	3010A	
720-15751-3	PW-3	T	Water	3010A	
Prep Batch: 720-40652					
LCS 720-40652/2-A	Lab Control Spike	T	Solid	3050B	
LCSD 720-40652/3-A	Lab Control Spike Duplicate	T	Solid	3050B	
LCSSRM 720-40652/25-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-40652/1-A	Method Blank	T	Solid	3050B	
720-15751-4	SC-1	T	Solid	3050B	
720-15751-4MS	Matrix Spike	T	Solid	3050B	
720-15751-4MSD	Matrix Spike Duplicate	T	Solid	3050B	
Prep Batch: 720-40671					
LCS 720-40671/2-A	Lab Control Spike	T	Solid	7471A	
LCSD 720-40671/3-A	Lab Control Spike Duplicate	T	Solid	7471A	
MB 720-40671/1-A	Method Blank	T	Solid	7471A	
720-15751-4	SC-1	T	Solid	7471A	
720-15751-4MS	Matrix Spike	T	Solid	7471A	
720-15751-4MSD	Matrix Spike Duplicate	T	Solid	7471A	
Prep Batch: 720-40687					
LCS 720-40687/2-A	Lab Control Spike	T	Water	7470A	
LCSD 720-40687/3-A	Lab Control Spike Duplicate	T	Water	7470A	
MB 720-40687/1-A	Method Blank	T	Water	7470A	
720-15751-1	MW-1	T	Water	7470A	
720-15751-1MS	Matrix Spike	T	Water	7470A	
720-15751-1MSD	Matrix Spike Duplicate	T	Water	7470A	
720-15751-2	MW-2	T	Water	7470A	
720-15751-3	PW-3	T	Water	7470A	
Analysis Batch:720-40699					
LCS 720-40652/2-A	Lab Control Spike	T	Solid	6010B	720-40652
LCSD 720-40652/3-A	Lab Control Spike Duplicate	T	Solid	6010B	720-40652
LCSSRM 720-40652/25-A	LCS-Standard Reference Material	T	Solid	6010B	720-40652
MB 720-40652/1-A	Method Blank	T	Solid	6010B	720-40652
720-15751-4	SC-1	T	Solid	6010B	720-40652
720-15751-4MS	Matrix Spike	T	Solid	6010B	720-40652
720-15751-4MSD	Matrix Spike Duplicate	T	Solid	6010B	720-40652

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:720-40705					
LCS 720-40646/2-A	Lab Control Spike	T	Water	6010B	720-40646
LCSD 720-40646/3-A	Lab Control Spike Duplicate	T	Water	6010B	720-40646
MB 720-40646/1-A	Method Blank	T	Water	6010B	720-40646
720-15721-P-1-B MS	Matrix Spike	T	Water	6010B	720-40646
720-15721-P-1-C MSD	Matrix Spike Duplicate	T	Water	6010B	720-40646
720-15751-1	MW-1	T	Water	6010B	720-40646
720-15751-2	MW-2	T	Water	6010B	720-40646
720-15751-3	PW-3	T	Water	6010B	720-40646
Analysis Batch:720-40711					
LCS 720-40671/2-A	Lab Control Spike	T	Solid	7471A	720-40671
LCSD 720-40671/3-A	Lab Control Spike Duplicate	T	Solid	7471A	720-40671
MB 720-40671/1-A	Method Blank	T	Solid	7471A	720-40671
720-15751-4	SC-1	T	Solid	7471A	720-40671
720-15751-4MS	Matrix Spike	T	Solid	7471A	720-40671
720-15751-4MSD	Matrix Spike Duplicate	T	Solid	7471A	720-40671
Analysis Batch:720-40735					
LCS 720-40687/2-A	Lab Control Spike	T	Water	7470A	720-40687
LCSD 720-40687/3-A	Lab Control Spike Duplicate	T	Water	7470A	720-40687
MB 720-40687/1-A	Method Blank	T	Water	7470A	720-40687
720-15751-1	MW-1	T	Water	7470A	720-40687
720-15751-1MS	Matrix Spike	T	Water	7470A	720-40687
720-15751-1MSD	Matrix Spike Duplicate	T	Water	7470A	720-40687
720-15751-2	MW-2	T	Water	7470A	720-40687
720-15751-3	PW-3	T	Water	7470A	720-40687

Report Basis
T = Total

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Method Blank - Batch: 720-40646

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 720-40646/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2008 0623
Date Prepared: 08/29/2008 1808

Analysis Batch: 720-40705
Prep Batch: 720-40646
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Antimony	ND		0.0050
Arsenic	ND		0.0050
Barium	ND		0.0050
Beryllium	ND		0.0050
Cadmium	ND		0.0020
Chromium	ND		0.0050
Cobalt	ND		0.0050
Copper	ND		0.0050
Lead	ND		0.0050
Molybdenum	ND		0.0050
Nickel	ND		0.0050
Selenium	ND		0.0050
Silver	ND		0.0050
Thallium	ND		0.0050
Vanadium	ND		0.0050
Zinc	ND		0.010

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-40646

Method: 6010B
Preparation: 3010A

LCS Lab Sample ID: LCS 720-40646/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2008 0626
Date Prepared: 08/29/2008 1808

Analysis Batch: 720-40705
Prep Batch: 720-40646
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-40646/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2008 0630
Date Prepared: 08/29/2008 1808

Analysis Batch: 720-40705
Prep Batch: 720-40646
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	98	100	80 - 120	3	20		
Arsenic	101	102	80 - 120	1	20		
Barium	102	104	80 - 120	1	20		
Beryllium	101	102	80 - 120	1	20		
Cadmium	100	101	80 - 120	1	20		
Chromium	103	104	80 - 120	1	20		
Cobalt	102	103	80 - 120	1	20		
Copper	102	103	80 - 120	1	20		
Lead	102	103	80 - 120	1	20		
Molybdenum	103	105	80 - 120	2	20		
Nickel	101	102	80 - 120	1	20		
Selenium	99	100	80 - 120	1	20		
Silver	97	98	80 - 120	1	20		
Thallium	103	105	80 - 120	1	20		
Vanadium	102	104	80 - 120	1	20		
Zinc	100	101	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-40646

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	720-15721-P-1-B MS	Analysis Batch: 720-40705	Instrument ID: Varian ICP
Client Matrix:	Water	Prep Batch: 720-40646	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2008 0634		Final Weight/Volume: 50 mL
Date Prepared:	08/29/2008 1808		

MSD Lab Sample ID:	720-15721-P-1-C MSD	Analysis Batch: 720-40705	Instrument ID: Varian ICP
Client Matrix:	Water	Prep Batch: 720-40646	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2008 0638		Final Weight/Volume: 50 mL
Date Prepared:	08/29/2008 1808		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	98	98	75 - 125	0	25		
Arsenic	103	103	75 - 125	1	25		
Barium	102	101	75 - 125	1	25		
Beryllium	103	103	75 - 125	1	25		
Cadmium	98	98	75 - 125	0	25		
Chromium	102	102	75 - 125	0	25		
Cobalt	101	100	75 - 125	0	25		
Copper	103	103	75 - 125	0	25		
Lead	100	100	75 - 125	0	25		
Molybdenum	103	102	75 - 125	0	25		
Nickel	99	99	75 - 125	0	25		
Selenium	100	100	75 - 125	1	25		
Silver	94	95	75 - 125	1	25		
Thallium	101	101	75 - 125	0	25		
Vanadium	103	102	75 - 125	0	25		
Zinc	98	97	75 - 125	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Method Blank - Batch: 720-40652

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-40652/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/02/2008 2050
Date Prepared: 09/02/2008 0841

Analysis Batch: 720-40699
Prep Batch: 720-40652
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Antimony	ND		2.0
Arsenic	ND		1.0
Barium	ND		1.0
Beryllium	ND		0.50
Cadmium	ND		0.50
Chromium	ND		1.0
Cobalt	ND		1.0
Copper	ND		1.0
Lead	ND		1.0
Molybdenum	ND		1.0
Nickel	ND		1.0
Selenium	ND		2.0
Silver	ND		1.0
Thallium	ND		1.0
Vanadium	ND		1.0
Zinc	ND		1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

LCS-Standard Reference Material - Batch: 720-40652

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCSSRM 720-40652/25-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/02/2008 2233
Date Prepared: 09/02/2008 0841

Analysis Batch: 720-40699
Prep Batch: 720-40652
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	27.4	9.53	35	11 - 101	
Arsenic	22.7	21.5	94	69 - 119	
Barium	145	132	91	61 - 117	
Beryllium	1.09	1.04	96	56 - 102	
Cadmium	42.2	38.8	92	67 - 118	
Chromium	246	234	95	67 - 121	
Cobalt	65.1	63.4	97	64 - 133	
Copper	58.5	57.5	98	68 - 126	
Lead	44.1	40.0	91	62 - 113	
Molybdenum	61.0	55.2	90	62 - 128	
Nickel	96.8	88.3	91	65 - 117	
Selenium	165	158	96	63 - 126	
Silver	79.5	62.7	79	51 - 130	
Thallium	55.9	53.5	96	64 - 124	
Vanadium	56.7	57.5	101	67 - 123	
Zinc	44.0	38.6	88	62 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-40652

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-40652/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/02/2008 2053
Date Prepared: 09/02/2008 0841

Analysis Batch: 720-40699
Prep Batch: 720-40652
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-40652/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/02/2008 2057
Date Prepared: 09/02/2008 0841

Analysis Batch: 720-40699
Prep Batch: 720-40652
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	97	100	80 - 120	3	20		
Arsenic	103	103	80 - 120	0	20		
Barium	96	96	80 - 120	0	20		
Beryllium	102	102	80 - 120	0	20		
Cadmium	100	100	80 - 120	0	20		
Chromium	102	102	80 - 120	0	20		
Cobalt	101	101	80 - 120	0	20		
Copper	104	104	80 - 120	0	20		
Lead	100	100	80 - 120	0	20		
Molybdenum	104	105	80 - 120	0	20		
Nickel	100	100	80 - 120	0	20		
Selenium	104	104	80 - 120	1	20		
Silver	99	99	80 - 120	1	20		
Thallium	100	101	80 - 120	0	20		
Vanadium	103	103	80 - 120	0	20		
Zinc	99	99	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-40652

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	720-15751-4	Analysis Batch: 720-40699	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-40652	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 0.98 g
Date Analyzed:	09/02/2008 2101		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2008 0841		

MSD Lab Sample ID:	720-15751-4	Analysis Batch: 720-40699	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-40652	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.00 g
Date Analyzed:	09/02/2008 2105		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2008 0841		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	38	35	75 - 125	11	20	F	F
Arsenic	99	94	75 - 125	6	20		
Barium	92	84	75 - 125	7	20		
Beryllium	98	94	75 - 125	6	20		
Cadmium	91	87	75 - 125	6	20		
Chromium	95	91	75 - 125	6	20		
Cobalt	93	89	75 - 125	6	20		
Copper	121	92	75 - 125	7	20		
Lead	124	37	75 - 125	8	20	4	4
Molybdenum	94	91	75 - 125	6	20		
Nickel	91	87	75 - 125	6	20		
Selenium	97	93	75 - 125	7	20		
Silver	92	87	75 - 125	7	20		
Thallium	91	88	75 - 125	6	20		
Vanadium	96	92	75 - 125	6	20		
Zinc	91	83	75 - 125	7	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Method Blank - Batch: 720-40687

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 720-40687/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2008 0950
Date Prepared: 09/02/2008 1654

Analysis Batch: 720-40735
Prep Batch: 720-40687
Units: mg/L

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Mercury	ND		0.00020

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-40687

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 720-40687/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2008 0951
Date Prepared: 09/02/2008 1654

Analysis Batch: 720-40735
Prep Batch: 720-40687
Units: mg/L

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-40687/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2008 0953
Date Prepared: 09/02/2008 1654

Analysis Batch: 720-40735
Prep Batch: 720-40687
Units: mg/L

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	108	108	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-40687

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	720-15751-1	Analysis Batch: 720-40735	Instrument ID: FIMS 100
Client Matrix:	Water	Prep Batch: 720-40687	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 25 mL
Date Analyzed:	09/03/2008 0955		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2008 1654		

MSD Lab Sample ID:	720-15751-1	Analysis Batch: 720-40735	Instrument ID: FIMS 100
Client Matrix:	Water	Prep Batch: 720-40687	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 25 mL
Date Analyzed:	09/03/2008 0956		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2008 1654		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	110	109	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc. Job Number: 720-15751-1

Method Blank - Batch: 720-40671

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 720-40671/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/03/2008 0734
Date Prepared: 09/02/2008 1303

Analysis Batch: 720-40711
Prep Batch: 720-40671
Units: mg/Kg

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Mercury	ND		0.050

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-40671

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 720-40671/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/03/2008 0735
Date Prepared: 09/02/2008 1303

Analysis Batch: 720-40711
Prep Batch: 720-40671
Units: mg/Kg

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-40671/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/03/2008 0736
Date Prepared: 09/02/2008 1303

Analysis Batch: 720-40711
Prep Batch: 720-40671
Units: mg/Kg

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 1.05 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	104	105	80 - 120	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-40671

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	720-15751-4	Analysis Batch: 720-40711	Instrument ID: FIMS 100
Client Matrix:	Solid	Prep Batch: 720-40671	Lab File ID: N/A
Dilution:	100		Initial Weight/Volume: 1.01 g
Date Analyzed:	09/03/2008 0821		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2008 1303		

MSD Lab Sample ID:	720-15751-4	Analysis Batch: 720-40711	Instrument ID: FIMS 100
Client Matrix:	Solid	Prep Batch: 720-40671	Lab File ID: N/A
Dilution:	100		Initial Weight/Volume: 0.98 g
Date Analyzed:	09/03/2008 0822		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2008 1303		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	10	-34	75 - 125	1	20	4	4

Calculations are performed before rounding to avoid round-off errors in calculated results.

#-112140

720-15751

Chain of Custody Record

STL San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925-484-1919 fax 925-484-1096

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Keith Rainville	Sampler: KK	8/26/2008	COC No.
TEAM Engineering & Management, Inc.	Tel/Fax: 760-872-1033/872-2131	Lab Contact: Dimple Sharma	Carrier: FedEx	1 of 1 COC's
P.O. Box 1265	Analysis Turnaround Time			Job No.
Bishop, CA 93515	Calendar (C) or Work Days (W) W			
(760)872-1033 Phone	TAT if different from Below 3 day			
(760)872-2131 FAX	☐ 2 weeks			SDG No
Project Name: MMSA - FR 1 1	☐ 1 week			
Site: MMSA	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	EPA 6010B-CAM 17 Metals	EPA 6010B-CAM 17 Metals	Sample Specific Notes:
MW-1	8/26/08	12:45	Plastic	W	1			X	
MW-2	8/26/08	13:30	Plastic	W	1			X	
PW-3	8/26/08	11:30	Plastic	W	1			X	
SC-1	8/26/08	10:30	Glass Jar	None	2		X		
								4	

RUSH

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments: **Please send results (with COC) via email to keith@teambishop.com**

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Keith Rainville	TEAM Eng. & Mgmt	8/27/08		STL	8/28/08 9:30

Login Sample Receipt Check List

Client: TEAM Engineering & Management, Inc.

Job Number: 720-15751-1

Login Number: 15751
Creator: Lewis, Trenton L
List Number: 1

List Source: TestAmerica San Francisco

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

8/30/2010

SRK Consulting
5250 Neil Road, Suite 300
Reno, NV 89502
Attn: Matt Banta / Mark Willow

OrderID: *1008184*

Dear: Matt Banta / Mark Willow

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/10/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Specializing in Soil, Hazardous Waste and Water Analysis.

Western Environmental Testing Laboratory
Report Comments

SRK Consulting - 1008184

General Comments

None

Specific Comments

None

Subcontracting Comments

The analysis for VOC's was performed by Associated Laboratories of Orange, CA. Their report is attached.

Data Qualifier Legend

B – Blank contamination; Analyte detected above the method reporting limit in an associated blank

HT – Sample held beyond the accepted holding time

J – The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

M – Reported value is estimated; The sample matrix interfered with the analysis

N – There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.

NC – Not calculated due to matrix interference

Q – Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy

SA – Reported value was calculated using the method of Standard Additions.

SC – Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory
Analytical Report

SRK Consulting
5250 Neil Road, Suite 300
Reno, NV 89502
Attn: Matt Banta / Mark Willow
Phone: (775) 828-6800 **Fax:** (775) 828-6820

PO\Project: *Bishop Mill*

Date Printed: 8/30/2010
OrderID: *1008184*

Customer Sample ID: MW-1
WETLAB Sample ID: 1008184-001

Collect Date/Time: 8/9/2010 13:00
Receive Date: 8/10/2010 12:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.22	pH Units		8/10/2010
Bicarbonate (HCO3)	SM 2320B	150	mg/L	1.0	8/10/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/10/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/10/2010
Total Alkalinity	SM 2320B	130	mg/L as CaCO3	1.0	8/10/2010
Chloride	EPA 300.0	24	mg/L	1.0	8/12/2010
Fluoride	EPA 300.0	0.44	mg/L	0.10	8/12/2010
Sulfate	EPA 300.0	160	mg/L	1.0	8/12/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.25	mg/L	0.10	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	490	mg/L	10	8/13/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	8/12/2010
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	8/12/2010
Barium, Dissolved	EPA 200.7	0.028	mg/L	0.010	8/12/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	8/12/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Boron, Dissolved	EPA 200.7	0.24	mg/L	0.10	8/12/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	8/12/2010
Calcium, Dissolved	EPA 200.7	52	mg/L	0.50	8/12/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	8/12/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	8/12/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Magnesium, Dissolved	EPA 200.7	3.7	mg/L	0.50	8/12/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	8/12/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	8/12/2010
Potassium, Dissolved	EPA 200.7	12	mg/L	0.50	8/12/2010

Customer Sample ID: MW-1 **Collect Date/Time:** 8/9/2010 13:00
WETLAB Sample ID: 1008184-001 **Receive Date:** 8/10/2010 12:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	8/12/2010
Sodium, Dissolved	EPA 200.7	79	mg/L	0.50	8/12/2010
Strontium, Dissolved	EPA 200.7	0.51	mg/L	0.10	8/12/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Vanadium, Dissolved	EPA 200.7	0.012	mg/L	0.010	8/12/2010
Zinc, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Mercury, Dissolved	EPA 200.8	0.00016	mg/L	0.00010	8/16/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	8/16/2010
Arsenic, Dissolved	EPA 200.8	0.0053	mg/L	0.0050	8/16/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	8/16/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	8/16/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	8/16/2010
Anions	Calculation	6.51	meq/L	0.10	
Cations	Calculation	6.64	meq/L	0.10	
Error	Calculation	1.0	%	1.0	
VOCs	N/A	See Attached			

Customer Sample ID: MW-2 **Collect Date/Time:** 8/9/2010 15:30
WETLAB Sample ID: 1008184-002 **Receive Date:** 8/10/2010 12:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.22	pH Units		8/10/2010
Bicarbonate (HCO3)	SM 2320B	180	mg/L	1.0	8/10/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/10/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/10/2010
Total Alkalinity	SM 2320B	150	mg/L as CaCO3	1.0	8/10/2010
Chloride	EPA 300.0	22	mg/L	1.0	8/12/2010
Fluoride	EPA 300.0	0.48	mg/L	0.10	8/12/2010
Sulfate	EPA 300.0	150	mg/L	1.0	8/12/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.26	mg/L	0.10	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	460	mg/L	10	8/13/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	8/12/2010
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	8/12/2010
Barium, Dissolved	EPA 200.7	0.029	mg/L	0.010	8/12/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	8/12/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Boron, Dissolved	EPA 200.7	0.24	mg/L	0.10	8/12/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	8/12/2010

Customer Sample ID: MW-2 **Collect Date/Time:** 8/9/2010 15:30

WETLAB Sample ID: 1008184-002 **Receive Date:** 8/10/2010 12:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium, Dissolved	EPA 200.7	46	mg/L	0.50	8/12/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	8/12/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	8/12/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Magnesium, Dissolved	EPA 200.7	3.6	mg/L	0.50	8/12/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	8/12/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	8/12/2010
Potassium, Dissolved	EPA 200.7	12	mg/L	0.50	8/12/2010
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	8/12/2010
Sodium, Dissolved	EPA 200.7	79	mg/L	0.50	8/12/2010
Strontium, Dissolved	EPA 200.7	0.44	mg/L	0.10	8/12/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	8/12/2010
Vanadium, Dissolved	EPA 200.7	0.013	mg/L	0.010	8/12/2010
Zinc, Dissolved	EPA 200.7	<0.010	mg/L	0.010	8/12/2010
Mercury, Dissolved	EPA 200.8	0.00024	mg/L	0.00010	8/16/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	8/16/2010
Arsenic, Dissolved	EPA 200.8	0.0062	mg/L	0.0050	8/16/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	8/16/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	8/16/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	8/16/2010
Anions	Calculation	6.74	meq/L	0.10	
Cations	Calculation	6.34	meq/L	0.10	
Error	Calculation	3.1	%	1.0	
VOCs	N/A	See Attached			

Western Environmental Testing Laboratory
QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008352	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008352	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008352	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008355	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008355	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008355	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008359	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008359	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008359	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1008362	Blank 1	WAD Cyanide	SM 4500CNI	<0.010	mg/L
QC1008362	Blank 2	WAD Cyanide	SM 4500CNI	<0.010	mg/L
QC1008362	Blank 3	WAD Cyanide	SM 4500CNI	<0.010	mg/L
QC1008371	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC1008372	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC1008384	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008384	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008420	Blank 1	Nitrate + Nitrite Nitrogen	EPA 353.2	<0.010	mg/L
QC1008420	Blank 2	Nitrate + Nitrite Nitrogen	EPA 353.2	<0.010	mg/L
QC1008420	Blank 3	Nitrate + Nitrite Nitrogen	EPA 353.2	<0.010	mg/L
QC1008443	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1008444	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008294	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1008295	LCS 1	Alkalinity	SM 2320B	102	100	102	mg/L
QC1008352	LCS 1	Fluoride	EPA 300.0	2.07	2.00	104	mg/L
QC1008355	LCS 1	Chloride	EPA 300.0	9.98	10.0	100	mg/L
QC1008359	LCS 1	Sulfate	EPA 300.0	26.1	25.0	104	mg/L
QC1008362	LCS 1	WAD Cyanide	SM 4500CNI	0.101	0.100	101	mg/L
QC1008371	LCS 1	Aluminum	EPA 200.7	0.985	1.00	98	mg/L
		Barium	EPA 200.7	0.982	1.00	98	mg/L
		Beryllium	EPA 200.7	1.00	1.00	100	mg/L
		Bismuth	EPA 200.7	1.02	1.00	102	mg/L
		Boron	EPA 200.7	0.965	1.00	96	mg/L
		Cadmium	EPA 200.7	0.995	1.00	100	mg/L
		Calcium	EPA 200.7	10.0	10.0	100	mg/L
		Chromium	EPA 200.7	0.945	1.00	94	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.99	5.00	100	mg/L
		Gallium	EPA 200.7	0.986	1.00	99	mg/L
		Iron	EPA 200.7	1.02	1.00	102	mg/L
		Lithium	EPA 200.7	1.02	1.00	102	mg/L
		Magnesium	EPA 200.7	10.2	10.0	102	mg/L
		Manganese	EPA 200.7	0.990	1.00	99	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
		Molybdenum	EPA 200.7	0.989	1.00	99	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.85	5.00	97	mg/L
		Potassium	EPA 200.7	10.3	10.0	103	mg/L
		Scandium	EPA 200.7	0.999	1.00	100	mg/L
		Silver	EPA 200.7	0.086	0.090	96	mg/L
		Sodium	EPA 200.7	10.2	10.0	102	mg/L
		Strontium	EPA 200.7	1.05	1.00	105	mg/L
		Tin	EPA 200.7	1.01	1.00	101	mg/L
		Titanium	EPA 200.7	1.05	1.00	105	mg/L
		Vanadium	EPA 200.7	0.978	1.00	98	mg/L
		Zinc	EPA 200.7	1.00	1.00	100	mg/L
QC1008372	LCS 1	Aluminum	EPA 200.7	0.985	1.00	98	mg/L
		Barium	EPA 200.7	0.982	1.00	98	mg/L
		Beryllium	EPA 200.7	1.00	1.00	100	mg/L
		Bismuth	EPA 200.7	1.02	1.00	102	mg/L
		Boron	EPA 200.7	0.965	1.00	96	mg/L
		Cadmium	EPA 200.7	0.995	1.00	100	mg/L
		Calcium	EPA 200.7	10.0	10.0	100	mg/L
		Chromium	EPA 200.7	0.945	1.00	94	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.99	5.00	100	mg/L
		Gallium	EPA 200.7	0.986	1.00	99	mg/L
		Iron	EPA 200.7	1.02	1.00	102	mg/L
		Lithium	EPA 200.7	1.02	1.00	102	mg/L
		Magnesium	EPA 200.7	10.2	10.0	102	mg/L
		Manganese	EPA 200.7	0.990	1.00	99	mg/L
		Molybdenum	EPA 200.7	0.989	1.00	99	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.85	5.00	97	mg/L
		Potassium	EPA 200.7	10.3	10.0	103	mg/L
		Scandium	EPA 200.7	0.999	1.00	100	mg/L
		Silver	EPA 200.7	0.086	0.090	96	mg/L
		Sodium	EPA 200.7	10.2	10.0	102	mg/L
		Strontium	EPA 200.7	1.05	1.00	105	mg/L
		Tin	EPA 200.7	1.01	1.00	101	mg/L
		Titanium	EPA 200.7	1.05	1.00	105	mg/L
		Vanadium	EPA 200.7	0.978	1.00	98	mg/L
		Zinc	EPA 200.7	1.00	1.00	100	mg/L
QC1008384	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L
QC1008384	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	153	150	102	mg/L
QC1008420	LCS 1	Nitrate + Nitrite Nitrogen	EPA 353.2	0.811	0.800	101	mg/L
QC1008443	LCS 1	Mercury	EPA 200.8	0.001098	0.001	110	mg/L
		Antimony	EPA 200.8	0.0106	0.010	106	mg/L
		Arsenic	EPA 200.8	0.0523	0.050	105	mg/L
		Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0520	0.050	104	mg/L
		Thallium	EPA 200.8	0.0094	0.010	94	mg/L
QC1008444	LCS 1	Mercury	EPA 200.8	0.001098	0.001	110	mg/L
		Antimony	EPA 200.8	0.0106	0.010	106	mg/L
		Arsenic	EPA 200.8	0.0523	0.050	105	mg/L
		Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0520	0.050	104	mg/L
		Thallium	EPA 200.8	0.0094	0.010	94	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate	Sample	Duplicate	Units	RPD

QC1008294	Duplicate 1	pH	SM 4500-H+ B	1008182-005	7.53	7.51	pH Units	<1%
QC1008294	Duplicate 2	pH	SM 4500-H+ B	1008201-001	8.90	8.98	pH Units	1 %
QC1008295	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008182-005	271	271	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1008182-005	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008182-005	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008182-005	222	222	mg/L as CaCO3	<1%
QC1008295	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1008201-001	37.1	34.2	mg/L	8 %
		Carbonate (CO3)	SM 2320B	1008201-001	4.40	5.54	mg/L	23 %
		Hydroxide (OH)	SM 2320B	1008201-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008201-001	37.7	37.3	mg/L as CaCO3	1 %
QC1008384	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008179-005	2468	2496	mg/L	1 %
QC1008384	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008182-006	856	840	mg/L	2 %
QC1008384	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008201-007	167	170	mg/L	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result		MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008352	MS 1	Fluoride	EPA 300.0	1008179-005	5.20		104	103	2.00	mg/L	98	98	1 %
QC1008352	MS 2	Fluoride	EPA 300.0	1008183-001	<0.100		1.92	1.97	2.00	mg/L	94	96	3 %
QC1008355	MS 1	Chloride	EPA 300.0	1008179-005	1049	M	1376	1379	5.00	mg/L	NC	NC	NC
QC1008355	MS 2	Chloride	EPA 300.0	1008183-001	14.6		19.4	19.4	5.00	mg/L	95	95	<1%
QC1008359	MS 1	Sulfate	EPA 300.0	1008179-005	248		787	787	10.0	mg/L	108	108	<1%
QC1008359	MS 2	Sulfate	EPA 300.0	1008183-001	13.2		23.0	23.0	10.0	mg/L	99	99	<1%
QC1008362	MS 1	WAD Cyanide	SM 4500CNI	1008138-005	<0.010		0.099	0.102	0.100	mg/L	99	102	3 %
QC1008362	MS 2	WAD Cyanide	SM 4500CNI	1008184-001	<0.010		0.096	0.093	0.100	mg/L	96	93	3 %
QC1008371	MS 1	Aluminum, Dissolved	EPA 200.7	1008184-001	<0.045		1.01	0.960	1.00	mg/L	99	94	5 %
		Barium, Dissolved	EPA 200.7	1008184-001	0.028		1.03	0.991	1.00	mg/L	100	96	4 %
		Beryllium, Dissolved	EPA 200.7	1008184-001	<0.001		1.05	0.996	1.00	mg/L	105	100	5 %
		Bismuth, Dissolved	EPA 200.7	1008184-001	<0.100		1.02	0.977	1.00	mg/L	103	99	4 %
		Boron, Dissolved	EPA 200.7	1008184-001	0.243		1.28	1.26	1.00	mg/L	104	102	2 %
		Cadmium, Dissolved	EPA 200.7	1008184-001	<0.001		1.01	0.990	1.00	mg/L	101	99	2 %
		Calcium, Dissolved	EPA 200.7	1008184-001	51.7		59.9	61.6	10.0	mg/L	82	99	3 %
		Chromium, Dissolved	EPA 200.7	1008184-001	<0.005		0.958	0.918	1.00	mg/L	96	92	4 %
		Cobalt, Dissolved	EPA 200.7	1008184-001	<0.010		1.00	0.965	1.00	mg/L	99	96	4 %
		Copper, Dissolved	EPA 200.7	1008184-001	<0.050		5.39	5.10	5.00	mg/L	108	102	6 %
		Gallium, Dissolved	EPA 200.7	1008184-001	<0.100		0.995	0.965	1.00	mg/L	99	96	3 %
		Iron, Dissolved	EPA 200.7	1008184-001	<0.010		1.03	0.975	1.00	mg/L	103	97	5 %
		Lithium, Dissolved	EPA 200.7	1008184-001	<0.100		1.02	0.976	1.00	mg/L	98	93	4 %
		Magnesium, Dissolved	EPA 200.7	1008184-001	3.66		13.5	13.2	10.0	mg/L	98	95	2 %
		Manganese, Dissolved	EPA 200.7	1008184-001	<0.005		1.00	0.965	1.00	mg/L	100	96	4 %
		Molybdenum, Dissolved	EPA 200.7	1008184-001	<0.010		1.01	1.00	1.00	mg/L	100	99	1 %
		Nickel, Dissolved	EPA 200.7	1008184-001	<0.010		4.90	4.75	5.00	mg/L	98	95	3 %
		Phosphorus, Dissolved	EPA 200.7	1008184-001	<0.500		5.25	5.05	5.00	mg/L	105	101	4 %
		Potassium, Dissolved	EPA 200.7	1008184-001	12.0		21.8	21.7	10.0	mg/L	98	97	<1%
		Scandium, Dissolved	EPA 200.7	1008184-001	<0.100		1.03	0.978	1.00	mg/L	103	98	5 %
		Silver, Dissolved	EPA 200.7	1008184-001	<0.005		0.089	0.084	0.090	mg/L	101	96	6 %
		Sodium, Dissolved	EPA 200.7	1008184-001	79.0		86.0	87.5	10.0	mg/L	70	85	2 %
		Strontium, Dissolved	EPA 200.7	1008184-001	0.512		1.51	1.47	1.00	mg/L	100	96	3 %
		Tin, Dissolved	EPA 200.7	1008184-001	<0.100		0.984	0.988	1.00	mg/L	105	106	<1%
		Titanium, Dissolved	EPA 200.7	1008184-001	<0.100		1.02	1.01	1.00	mg/L	102	101	1 %
		Vanadium, Dissolved	EPA 200.7	1008184-001	0.012		1.04	1.00	1.00	mg/L	103	99	4 %
		Zinc, Dissolved	EPA 200.7	1008184-001	<0.010		1.08	1.06	1.00	mg/L	107	105	2 %
QC1008372	MS 1	Aluminum, Dissolved	EPA 200.7	1008184-002	<0.045		1.01	0.993	1.00	mg/L	100	98	2 %
		Barium, Dissolved	EPA 200.7	1008184-002	0.029		1.05	1.03	1.00	mg/L	102	100	2 %
		Beryllium, Dissolved	EPA 200.7	1008184-002	<0.001		1.06	1.06	1.00	mg/L	106	106	<1%
		Bismuth, Dissolved	EPA 200.7	1008184-002	<0.100		1.03	1.00	1.00	mg/L	104	101	3 %
		Boron, Dissolved	EPA 200.7	1008184-002	0.237		1.32	1.32	1.00	mg/L	108	108	<1%
		Cadmium, Dissolved	EPA 200.7	1008184-002	<0.001		1.05	1.03	1.00	mg/L	105	103	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Calcium, Dissolved	EPA 200.7	1008184-002	45.7	56.7	56.5	10.0	mg/L	110	108	<1%
		Chromium, Dissolved	EPA 200.7	1008184-002	<0.005	0.968	0.958	1.00	mg/L	97	96	1 %
		Cobalt, Dissolved	EPA 200.7	1008184-002	<0.010	1.02	1.00	1.00	mg/L	102	100	2 %
		Copper, Dissolved	EPA 200.7	1008184-002	<0.050	5.39	5.35	5.00	mg/L	108	107	1 %
		Gallium, Dissolved	EPA 200.7	1008184-002	<0.100	1.03	1.01	1.00	mg/L	103	101	2 %
		Iron, Dissolved	EPA 200.7	1008184-002	<0.010	1.03	1.03	1.00	mg/L	103	103	<1%
		Lithium, Dissolved	EPA 200.7	1008184-002	<0.100	1.02	1.03	1.00	mg/L	97	98	1 %
		Magnesium, Dissolved	EPA 200.7	1008184-002	3.61	13.9	13.9	10.0	mg/L	103	103	<1%
		Manganese, Dissolved	EPA 200.7	1008184-002	<0.005	1.02	1.00	1.00	mg/L	103	101	2 %
		Molybdenum, Dissolved	EPA 200.7	1008184-002	<0.010	0.971	0.991	1.00	mg/L	96	98	2 %
		Nickel, Dissolved	EPA 200.7	1008184-002	<0.010	5.01	4.93	5.00	mg/L	100	99	2 %
		Phosphorus, Dissolved	EPA 200.7	1008184-002	<0.500	5.28	5.17	5.00	mg/L	106	103	2 %
		Potassium, Dissolved	EPA 200.7	1008184-002	12.5	22.8	23.1	10.0	mg/L	103	106	1 %
		Scandium, Dissolved	EPA 200.7	1008184-002	<0.100	1.03	1.02	1.00	mg/L	103	102	1 %
		Silver, Dissolved	EPA 200.7	1008184-002	<0.005	0.091	0.090	0.090	mg/L	103	102	1 %
		Sodium, Dissolved	EPA 200.7	1008184-002	79.1	90.2	90.0	10.0	mg/L	111	109	<1%
		Strontium, Dissolved	EPA 200.7	1008184-002	0.442	1.46	1.44	1.00	mg/L	102	100	1 %
		Tin, Dissolved	EPA 200.7	1008184-002	<0.100	0.975	0.990	1.00	mg/L	104	106	2 %
		Titanium, Dissolved	EPA 200.7	1008184-002	<0.100	1.00	1.04	1.00	mg/L	100	104	4 %
		Vanadium, Dissolved	EPA 200.7	1008184-002	0.013	1.06	1.05	1.00	mg/L	105	104	1 %
		Zinc, Dissolved	EPA 200.7	1008184-002	<0.010	1.12	1.09	1.00	mg/L	111	108	3 %
QC1008420	MS 1	Nitrate + Nitrite Nitrogen	EPA 353.2	1008182-001	0.158	1.03	1.02	1.00	mg/L	101	100	1 %
QC1008420	MS 2	Nitrate + Nitrite Nitrogen	EPA 353.2	1008213-002	2.91	1.30	1.31	1.00	mg/L	100	101	1 %
QC1008443	MS 1	Mercury, Dissolved	EPA 200.8	1008184-001	0.000163	0.001166	0.001198	0.001	mg/L	100	103	3 %
		Antimony, Dissolved	EPA 200.8	1008184-001	<0.0025	0.0106	0.0107	0.010	mg/L	106	107	1 %
		Arsenic, Dissolved	EPA 200.8	1008184-001	0.0053	0.0568	0.0571	0.050	mg/L	103	104	1 %
		Lead, Dissolved	EPA 200.8	1008184-001	<0.0025	0.0095	0.0096	0.010	mg/L	95	96	1 %
		Selenium, Dissolved	EPA 200.8	1008184-001	<0.0050	0.0509	0.0524	0.050	mg/L	102	105	3 %
		Thallium, Dissolved	EPA 200.8	1008184-001	<0.0010	0.0087	0.0085	0.010	mg/L	87	85	2 %
QC1008444	MS 1	Mercury, Dissolved	EPA 200.8	1008184-002	0.000236	0.001281	0.001264	0.001	mg/L	104	103	1 %
		Antimony, Dissolved	EPA 200.8	1008184-002	<0.0025	0.0103	0.0103	0.010	mg/L	103	103	<1%
		Arsenic, Dissolved	EPA 200.8	1008184-002	0.0062	0.0587	0.0587	0.050	mg/L	105	105	<1%
		Lead, Dissolved	EPA 200.8	1008184-002	<0.0025	0.0095	0.0095	0.010	mg/L	95	95	<1%
		Selenium, Dissolved	EPA 200.8	1008184-002	<0.0050	0.0500	0.0503	0.050	mg/L	100	101	1 %
		Thallium, Dissolved	EPA 200.8	1008184-002	<0.0010	0.0090	0.0092	0.010	mg/L	90	92	2 %

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Western Environmental Testing Lab. (10124)
ATTN: Cassie Cummings
475 E. Greg St
Suite 119
Sparks, NV 89431

LAB REQUEST 259573
REPORTED 08/18/2010
RECEIVED 08/12/2010

PROJECT Job ID: 1008184

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
1102612	MW-1
1102613	MW-2
1102614	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 1102612
Matrix: WATER
Date Sampled: 08/09/2010
Time Sampled: 13:00
Sampled By:

Client: Western Environmental Testing Lab.
Client Sample ID: MW-1

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,1-Trichloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,2-Trichloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	08/14/10	RP
1,1-Dichloroethane	ND	1	5	ug/L	08/14/10	RP
1,1-Dichloroethene	ND	1	5	ug/L	08/14/10	RP
1,1-Dichloropropene	ND	1	5	ug/L	08/14/10	RP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,2,3-Trichloropropane	ND	1	5	ug/L	08/14/10	RP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	08/14/10	RP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	08/14/10	RP
1,2-Dibromoethane	ND	1	5	ug/L	08/14/10	RP
1,2-Dichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,2-Dichloroethane	ND	1	5	ug/L	08/14/10	RP
1,2-Dichloropropane	ND	1	5	ug/L	08/14/10	RP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	08/14/10	RP
1,3-Dichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,3-Dichloropropane	ND	1	5	ug/L	08/14/10	RP
1,4-Dichlorobenzene	ND	1	5	ug/L	08/14/10	RP
2,2-Dichloropropane	ND	1	5	ug/L	08/14/10	RP
2-Butanone (MEK)	ND	1	100	ug/L	08/14/10	RP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	08/14/10	RP
2-Chlorotoluene	ND	1	5	ug/L	08/14/10	RP
4-Chlorotoluene	ND	1	5	ug/L	08/14/10	RP
4-Methyl -2- Pentanone (MIBK)	ND	1	10	ug/L	08/14/10	RP
Acetone	ND	1	100	ug/L	08/14/10	RP
Allyl chloride	ND	1	5	ug/L	08/14/10	RP
Benzene	9	1	1	ug/L	08/14/10	RP
Bromobenzene	ND	1	5	ug/L	08/14/10	RP
Bromochloromethane	ND	1	5	ug/L	08/14/10	RP
Bromodichloromethane	ND	1	5	ug/L	08/14/10	RP
Bromoform	ND	1	5	ug/L	08/14/10	RP
Bromomethane	ND	1	5	ug/L	08/14/10	RP
Carbon tetrachloride	ND	1	5	ug/L	08/14/10	RP
Chlorobenzene	ND	1	5	ug/L	08/14/10	RP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102612 **Client:** Western Environmental Testing Lab.
Matrix: WATER **Client Sample ID:** MW-1
Date Sampled: 08/09/2010
Time Sampled: 13:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Chloroethane	ND	1	5	ug/L	08/14/10	RP
Chloroform	ND	1	5	ug/L	08/14/10	RP
Chloromethane	ND	1	5	ug/L	08/14/10	RP
cis-1,2-Dichloroethene	ND	1	5	ug/L	08/14/10	RP
cis-1,3-Dichloropropene	ND	1	5	ug/L	08/14/10	RP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	08/14/10	RP
Dibromochloromethane	ND	1	5	ug/L	08/14/10	RP
Dibromomethane	ND	1	5	ug/L	08/14/10	RP
Dichlorodifluoromethane	ND	1	5	ug/L	08/14/10	RP
Ethyl benzene	ND	1	5	ug/L	08/14/10	RP
Hexachlorobutadiene	ND	1	5	ug/L	08/14/10	RP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	08/14/10	RP
m and p-Xylene	ND	1	5	ug/L	08/14/10	RP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	08/14/10	RP
Methylene chloride	ND	1	5	ug/L	08/14/10	RP
n-Butylbenzene	ND	1	5	ug/L	08/14/10	RP
n-Propylbenzene	ND	1	5	ug/L	08/14/10	RP
Naphthalene	ND	1	5	ug/L	08/14/10	RP
o-Xylene	ND	1	5	ug/L	08/14/10	RP
p-Isopropyltoluene	ND	1	5	ug/L	08/14/10	RP
sec-Butylbenzene	ND	1	5	ug/L	08/14/10	RP
Styrene	ND	1	5	ug/L	08/14/10	RP
tert-Butylbenzene	ND	1	5	ug/L	08/14/10	RP
Tetrachloroethene	ND	1	5	ug/L	08/14/10	RP
Toluene	ND	1	5	ug/L	08/14/10	RP
trans-1,2-Dichloroethene	ND	1	5	ug/L	08/14/10	RP
trans-1,3-Dichloropropene	ND	1	5	ug/L	08/14/10	RP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	08/14/10	RP
Trichloroethene	ND	1	5	ug/L	08/14/10	RP
Trichlorofluoromethane	ND	1	5	ug/L	08/14/10	RP
Vinyl chloride	ND	1	5	ug/L	08/14/10	RP
Xylenes, total	ND	1	5	ug/L	08/14/10	RP
Di-isopropyl ether (DIPE)	ND	1	1.0	ug/L	08/14/10	RP
Ethyl-tertbutylether (ETBE)	ND	1	1.0	ug/L	08/14/10	RP
Tert-amylmethylether (TAME)	ND	1	1.0	ug/L	08/14/10	RP
Tertiary butyl alcohol (TBA)	ND	1	10	ug/L	08/14/10	RP

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	89	%	70 - 135

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102612
Matrix: WATER
Date Sampled: 08/09/2010
Time Sampled: 13:00
Sampled By:

Client: Western Environmental Testing Lab.
Client Sample ID: MW-1

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 135
Surr3 - Toluene-d8	100			%	70 - 135
Surr4 - p-Bromofluorobenzene	102			%	70 - 135

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102613 **Client:** Western Environmental Testing Lab.
Matrix: WATER **Client Sample ID:** MW-2
Date Sampled: 08/09/2010
Time Sampled: 15:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,1-Trichloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,2-Trichloroethane	ND	1	5	ug/L	08/14/10	RP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	08/14/10	RP
1,1-Dichloroethane	ND	1	5	ug/L	08/14/10	RP
1,1-Dichloroethene	ND	1	5	ug/L	08/14/10	RP
1,1-Dichloropropene	ND	1	5	ug/L	08/14/10	RP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,2,3-Trichloropropane	ND	1	5	ug/L	08/14/10	RP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	08/14/10	RP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	08/14/10	RP
1,2-Dibromoethane	ND	1	5	ug/L	08/14/10	RP
1,2-Dichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,2-Dichloroethane	ND	1	5	ug/L	08/14/10	RP
1,2-Dichloropropane	ND	1	5	ug/L	08/14/10	RP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	08/14/10	RP
1,3-Dichlorobenzene	ND	1	5	ug/L	08/14/10	RP
1,3-Dichloropropane	ND	1	5	ug/L	08/14/10	RP
1,4-Dichlorobenzene	ND	1	5	ug/L	08/14/10	RP
2,2-Dichloropropane	ND	1	5	ug/L	08/14/10	RP
2-Butanone (MEK)	ND	1	100	ug/L	08/14/10	RP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	08/14/10	RP
2-Chlorotoluene	ND	1	5	ug/L	08/14/10	RP
4-Chlorotoluene	ND	1	5	ug/L	08/14/10	RP
4-Methyl -2- Pentanone (MIBK)	ND	1	10	ug/L	08/14/10	RP
Acetone	ND	1	100	ug/L	08/14/10	RP
Allyl chloride	ND	1	5	ug/L	08/14/10	RP
Benzene	ND	1	1	ug/L	08/14/10	RP
Bromobenzene	ND	1	5	ug/L	08/14/10	RP
Bromochloromethane	ND	1	5	ug/L	08/14/10	RP
Bromodichloromethane	ND	1	5	ug/L	08/14/10	RP
Bromoform	ND	1	5	ug/L	08/14/10	RP
Bromomethane	ND	1	5	ug/L	08/14/10	RP
Carbon tetrachloride	ND	1	5	ug/L	08/14/10	RP
Chlorobenzene	ND	1	5	ug/L	08/14/10	RP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102613 **Client:** Western Environmental Testing Lab.
Matrix: WATER **Client Sample ID:** MW-2
Date Sampled: 08/09/2010
Time Sampled: 15:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Chloroethane	ND	1	5	ug/L	08/14/10	RP
Chloroform	ND	1	5	ug/L	08/14/10	RP
Chloromethane	ND	1	5	ug/L	08/14/10	RP
cis-1,2-Dichloroethene	ND	1	5	ug/L	08/14/10	RP
cis-1,3-Dichloropropene	ND	1	5	ug/L	08/14/10	RP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	08/14/10	RP
Dibromochloromethane	ND	1	5	ug/L	08/14/10	RP
Dibromomethane	ND	1	5	ug/L	08/14/10	RP
Dichlorodifluoromethane	ND	1	5	ug/L	08/14/10	RP
Ethyl benzene	ND	1	5	ug/L	08/14/10	RP
Hexachlorobutadiene	ND	1	5	ug/L	08/14/10	RP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	08/14/10	RP
m and p-Xylene	ND	1	5	ug/L	08/14/10	RP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	08/14/10	RP
Methylene chloride	ND	1	5	ug/L	08/14/10	RP
n-Butylbenzene	ND	1	5	ug/L	08/14/10	RP
n-Propylbenzene	ND	1	5	ug/L	08/14/10	RP
Naphthalene	ND	1	5	ug/L	08/14/10	RP
o-Xylene	ND	1	5	ug/L	08/14/10	RP
p-Isopropyltoluene	ND	1	5	ug/L	08/14/10	RP
sec-Butylbenzene	ND	1	5	ug/L	08/14/10	RP
Styrene	ND	1	5	ug/L	08/14/10	RP
tert-Butylbenzene	ND	1	5	ug/L	08/14/10	RP
Tetrachloroethene	ND	1	5	ug/L	08/14/10	RP
Toluene	ND	1	5	ug/L	08/14/10	RP
trans-1,2-Dichloroethene	ND	1	5	ug/L	08/14/10	RP
trans-1,3-Dichloropropene	ND	1	5	ug/L	08/14/10	RP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	08/14/10	RP
Trichloroethene	ND	1	5	ug/L	08/14/10	RP
Trichlorofluoromethane	ND	1	5	ug/L	08/14/10	RP
Vinyl chloride	ND	1	5	ug/L	08/14/10	RP
Xylenes, total	ND	1	5	ug/L	08/14/10	RP
Di-isopropyl ether (DIPE)	ND	1	1.0	ug/L	08/14/10	RP
Ethyl-tertbutylether (ETBE)	ND	1	1.0	ug/L	08/14/10	RP
Tert-amylmethylether (TAME)	ND	1	1.0	ug/L	08/14/10	RP
Tertiary butyl alcohol (TBA)	ND	1	10	ug/L	08/14/10	RP

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	89	%	70 - 135

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102613
Matrix: WATER
Date Sampled: 08/09/2010
Time Sampled: 15:30
Sampled By:

Client: Western Environmental Testing Lab.
Client Sample ID: MW-2

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Surr2 - 1,2-Dichloroethane-d4	109			%	70 - 135
Surr3 - Toluene-d8	100			%	70 - 135
Surr4 - p-Bromofluorobenzene	102			%	70 - 135

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102614 **Client:** Western Environmental Testing Lab.
Matrix: WATER **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	08/13/10	RP
1,1,1-Trichloroethane	ND	1	5	ug/L	08/13/10	RP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	08/13/10	RP
1,1,2-Trichloroethane	ND	1	5	ug/L	08/13/10	RP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	08/13/10	RP
1,1-Dichloroethane	ND	1	5	ug/L	08/13/10	RP
1,1-Dichloroethene	ND	1	5	ug/L	08/13/10	RP
1,1-Dichloropropene	ND	1	5	ug/L	08/13/10	RP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	08/13/10	RP
1,2,3-Trichloropropane	ND	1	5	ug/L	08/13/10	RP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	08/13/10	RP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	08/13/10	RP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	08/13/10	RP
1,2-Dibromoethane	ND	1	5	ug/L	08/13/10	RP
1,2-Dichlorobenzene	ND	1	5	ug/L	08/13/10	RP
1,2-Dichloroethane	ND	1	5	ug/L	08/13/10	RP
1,2-Dichloropropane	ND	1	5	ug/L	08/13/10	RP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	08/13/10	RP
1,3-Dichlorobenzene	ND	1	5	ug/L	08/13/10	RP
1,3-Dichloropropane	ND	1	5	ug/L	08/13/10	RP
1,4-Dichlorobenzene	ND	1	5	ug/L	08/13/10	RP
2,2-Dichloropropane	ND	1	5	ug/L	08/13/10	RP
2-Butanone (MEK)	ND	1	100	ug/L	08/13/10	RP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	08/13/10	RP
2-Chlorotoluene	ND	1	5	ug/L	08/13/10	RP
4-Chlorotoluene	ND	1	5	ug/L	08/13/10	RP
4-Methyl -2- Pentanone (MIBK)	ND	1	10	ug/L	08/13/10	RP
Acetone	ND	1	100	ug/L	08/13/10	RP
Allyl chloride	ND	1	5	ug/L	08/13/10	RP
Benzene	ND	1	1	ug/L	08/13/10	RP
Bromobenzene	ND	1	5	ug/L	08/13/10	RP
Bromochloromethane	ND	1	5	ug/L	08/13/10	RP
Bromodichloromethane	ND	1	5	ug/L	08/13/10	RP
Bromoform	ND	1	5	ug/L	08/13/10	RP
Bromomethane	ND	1	5	ug/L	08/13/10	RP
Carbon tetrachloride	ND	1	5	ug/L	08/13/10	RP
Chlorobenzene	ND	1	5	ug/L	08/13/10	RP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102614 **Client:** Western Environmental Testing Lab.

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Chloroethane	ND	1	5	ug/L	08/13/10	RP
Chloroform	ND	1	5	ug/L	08/13/10	RP
Chloromethane	ND	1	5	ug/L	08/13/10	RP
cis-1,2-Dichloroethene	ND	1	5	ug/L	08/13/10	RP
cis-1,3-Dichloropropene	ND	1	5	ug/L	08/13/10	RP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	08/13/10	RP
Dibromochloromethane	ND	1	5	ug/L	08/13/10	RP
Dibromomethane	ND	1	5	ug/L	08/13/10	RP
Dichlorodifluoromethane	ND	1	5	ug/L	08/13/10	RP
Ethyl benzene	ND	1	5	ug/L	08/13/10	RP
Hexachlorobutadiene	ND	1	5	ug/L	08/13/10	RP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	08/13/10	RP
m and p-Xylene	ND	1	5	ug/L	08/13/10	RP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	08/13/10	RP
Methylene chloride	ND	1	5	ug/L	08/13/10	RP
n-Butylbenzene	ND	1	5	ug/L	08/13/10	RP
n-Propylbenzene	ND	1	5	ug/L	08/13/10	RP
Naphthalene	ND	1	5	ug/L	08/13/10	RP
o-Xylene	ND	1	5	ug/L	08/13/10	RP
p-Isopropyltoluene	ND	1	5	ug/L	08/13/10	RP
sec-Butylbenzene	ND	1	5	ug/L	08/13/10	RP
Styrene	ND	1	5	ug/L	08/13/10	RP
tert-Butylbenzene	ND	1	5	ug/L	08/13/10	RP
Tetrachloroethene	ND	1	5	ug/L	08/13/10	RP
Toluene	ND	1	5	ug/L	08/13/10	RP
trans-1,2-Dichloroethene	ND	1	5	ug/L	08/13/10	RP
trans-1,3-Dichloropropene	ND	1	5	ug/L	08/13/10	RP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	08/13/10	RP
Trichloroethene	ND	1	5	ug/L	08/13/10	RP
Trichlorofluoromethane	ND	1	5	ug/L	08/13/10	RP
Vinyl chloride	ND	1	5	ug/L	08/13/10	RP
Xylenes, total	ND	1	5	ug/L	08/13/10	RP
Di-isopropyl ether (DIPE)	ND	1	1.0	ug/L	08/13/10	RP
Ethyl-tertbutylether (ETBE)	ND	1	1.0	ug/L	08/13/10	RP
Tert-amylmethylether (TAME)	ND	1	1.0	ug/L	08/13/10	RP
Tertiary butyl alcohol (TBA)	ND	1	10	ug/L	08/13/10	RP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	89	%	70 - 135

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 1102614
Matrix: WATER
Date Sampled:
Time Sampled:
Sampled By:

Client: Western Environmental Testing Lab.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Surr2 - 1,2-Dichloroethane-d4	108			%	70 - 135
Surr3 - Toluene-d8	104			%	70 - 135
Surr4 - p-Bromofluorobenzene	102			%	70 - 135

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

WETLAB
WESTERN ENVIRONMENTAL TESTING LABORATORY

CHAIN OF CUSTODY RECORD

259573

Western Environmental Testing Laboratori 475 E. Greg Street #119 Sparks, NV 89431 Cassie Cummings Ph: (775) 355-0202 CassieC@wetlaboratory.com Fax: (775) 355-0817	Total # of sample containers System	Samplers Initials	All Samples Refrigerated?: Y ____ N ____
Sample Receipt Condition: Temperature:	Job ID 1008184	Notes: SIGNATURE OF COMPANY REPRESENTATIVE:	Date: Time:

Set Date Set Time	Sample ID - Site ID	Matrix	Parameter	Container Type	Preservatives
8/9/2010 1:00 PM	MW-1 -	Monitor Well	VOCs		
8/9/2010 3:30 PM	MW-2 -	Monitor Well	VOCs		

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Sample Type
[illegible]	8/11	3:40	Ontrac			Trip Blank Grab Composite Equipment Blank
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Trip Blank Grab Composite Equipment Blank
			[illegible] Juan Montoya	8/12/10	12:05	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Trip Blank Grab Composite Equipment Blank

ASSOCIATED LABORATORIES
806 North Batavia – Orange, California 92868 – 714-771-6900 *FAX 714-538-1209*

SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: Wetlab Project: Job ID # 1008184
Date Received: 8/12/10 Sampler's Name: (Yes) No
Sample(s) received in cooler: Yes No (Skip Section 2)
Shipping Information: ONTRAC # D100103072775 52

Section 2
Was the cooler packed with: ✓ Ice ___ Ice Packs ___ Bubble Wrap ___ Styrofoam
___ Paper ___ None ___ Other ___
Cooler or box temperature: 2°C

(Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	✓		
Is it properly completed? (IDs, sampling date and time, signature, test)	✓	-	
Were custody seals present?		✓	
If Yes – were they intact?			
Were all samples sealed in plastic bags?			✓
Did all samples arrive intact? If no, indicate below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of sample sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?			✓
Was total residual chlorine measured (Fish Bioassay samples only)? *			✓

*: If the answer is no, please inform Fish Bioassay Dept. immediately.

Section 4
Explanations/Comments

Section 5
Was Project Manager notified of discrepancies: Y / N (N/A)

Completed By: [illegible] Date: 8/12/10

WETLAB
WESTERN ENVIRONMENTAL TESTING LABORATORY
Specializing in Soil, Hazardous Waste and Water Analysis.
475 E. Greg Street #119 | Sparks, Nevada 89431
tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 1008184
Report Due Date 8/24/2010
Page _____ of _____

Client SRK consulting
Address 5250 Neil Road Suite 300
City, State & Zip Reno, NV 89502
Contact Matt Banta / MARK Willow
Phone 775-828-6800 | Collector's Name Matt Banta
Fax 775-828-6820 | PWS/Project Name Bishop Mill
P.O. Number | PWS/Project Number

Turnaround Time Requirements
Standard X
5-Day* _____ 3-Day* _____
48 Hour* _____ 24 Hour* _____
*Surcharges Will Apply

Samples Collected From Which State? NV ____ CA X Other ____

Compliance Monitoring? Yes (No)

Report to State EPA? Yes (No)

Report Results Via Fax Mail Only PDF EDD Other: _____

Standard QC Required? Yes No

Email Mbanta@srk.com

Billing Address (if different than Client Address)
Company _____
Address _____
City, State & Zip _____
Contact _____
Phone _____
Fax _____
Email _____

Analyses Requested

SAMPLE ID/LOCATION	DATE	TIME	SAMPLE TYPE	NO. OF CONTAINERS	Profile II w/WQ	Dis. Metals (Filter in field)	VOCs	Spl. No.
MW-1	8/9/10	13:00	GW	7	→	→	→	1
MW-2	8/9/10	15:30	GW	7	→	→	→	2

1008184 1

Instructions/Comments/Special Requirements:

Sample Matrix/Type Key** DW = Drinking Water WW = Wastewater SW = Surface Water MW = Monitoring Well SD = Solid/Sludge SO = Soil HW = Hazardous Waste OTHER: _____

SAMPLE RECEIPT	DATE	TIME	Samples Relinquished By	Samples Received By
Temperature 37 °C	8/10	12:45	[signature]	[signature]
Custody Seals Intact? Y N None				
Number of Containers 14				

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

301.2E

10/14/2010

SRK Consulting
5250 Neil Road, Suite 300
Reno, NV 89502
Attn: Matt Banta

OrderID: *1010049*

Dear: Matt Banta

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 10/5/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory
Report Comments

SRK Consulting - 1010049

General Comments

None

Specific Comments

None

Data Qualifier Legend

B	--	Blank contamination; Analyte detected above the method reporting limit in an associated blank
HT	--	Sample held beyond the accepted holding time
J	--	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
M	--	Reported value is estimated; The sample matrix interfered with the analysis
N	--	There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
NC	--	Not calculated due to matrix interference
Q	--	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
SA	--	Reported value was calculated using the method of Standard Additions.
SC	--	Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory
Analytical Report

SRK Consulting
5250 Neil Road, Suite 300
Reno, NV 89502
Attn: Matt Banta
Phone: (775) 828-6800 **Fax:** (775) 828-6820

Date Printed: 10/14/2010
OrderID: *1010049*

Customer Sample ID: F10042010
WETLAB Sample ID: 1010049-001
Collect Date/Time: 10/4/2010 12:00
Receive Date: 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.94	pH Units		10/5/2010
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO3	1.0	10/5/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	10/7/2010
Fluoride	EPA 300.0	<0.10	mg/L	0.10	10/7/2010
Sulfate	EPA 300.0	<1.0	mg/L	1.0	10/7/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.13	mg/L	0.10	10/5/2010
Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	10	10/6/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	10/7/2010
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	10/9/2010
Barium, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Boron, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Calcium, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	10/9/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Magnesium, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Potassium, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010

Customer Sample ID: F10042010 **Collect Date/Time:** 10/4/2010 12:00
WETLAB Sample ID: 1010049-001 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Sodium, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Strontium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Vanadium, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Zinc, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	0.00010	10/8/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	10/8/2010
Anions	Calculation	<0.10	meq/L	0.10	10/12/2010
Cations	Calculation	<0.10	meq/L	0.10	10/12/2010
Error	Calculation	NA	%	1.0	10/12/2010

Customer Sample ID: MW-2 **Collect Date/Time:** 10/4/2010 11:00
WETLAB Sample ID: 1010049-002 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.82	pH Units		10/5/2010
Bicarbonate (HCO3)	SM 2320B	150	mg/L	1.0	10/5/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Total Alkalinity	SM 2320B	120	mg/L as CaCO3	1.0	10/5/2010
Chloride	EPA 300.0	24	mg/L	5.0	10/7/2010
Fluoride	EPA 300.0	0.44	mg/L	0.25	10/7/2010
Sulfate	EPA 300.0	160	mg/L	5.0	10/7/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.29	mg/L	0.10	10/5/2010
Total Dissolved Solids (TDS)	SM 2540C	480	mg/L	10	10/6/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	10/7/2010
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	10/9/2010
Barium, Dissolved	EPA 200.7	0.031	mg/L	0.010	10/9/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Boron, Dissolved	EPA 200.7	0.21	mg/L	0.10	10/9/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Calcium, Dissolved	EPA 200.7	49	mg/L	0.50	10/9/2010

Customer Sample ID: MW-2 **Collect Date/Time:** 10/4/2010 11:00
WETLAB Sample ID: 1010049-002 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	10/9/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Magnesium, Dissolved	EPA 200.7	3.9	mg/L	0.50	10/9/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Potassium, Dissolved	EPA 200.7	12	mg/L	0.50	10/9/2010
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Sodium, Dissolved	EPA 200.7	71	mg/L	0.50	10/9/2010
Strontium, Dissolved	EPA 200.7	0.43	mg/L	0.10	10/9/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Vanadium, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Zinc, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	0.00010	10/8/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Arsenic, Dissolved	EPA 200.8	0.0055	mg/L	0.0050	10/8/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	10/8/2010
Anions	Calculation	6.51	meq/L	0.10	10/12/2010
Cations	Calculation	6.16	meq/L	0.10	10/12/2010
Error	Calculation	2.8	%	1.0	10/12/2010

Customer Sample ID: MW-4 **Collect Date/Time:** 10/4/2010 10:00
WETLAB Sample ID: 1010049-003 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.73	pH Units		10/5/2010
Bicarbonate (HCO3)	SM 2320B	150	mg/L	1.0	10/5/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Total Alkalinity	SM 2320B	120	mg/L as CaCO3	1.0	10/5/2010
Chloride	EPA 300.0	22	mg/L	5.0	10/7/2010

Customer Sample ID: MW-4 **Collect Date/Time:** 10/4/2010 10:00

WETLAB Sample ID: 1010049-003 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.40	mg/L	0.25	10/7/2010
Sulfate	EPA 300.0	160	mg/L	5.0	10/7/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.30	mg/L	0.10	10/5/2010
Total Dissolved Solids (TDS)	SM 2540C	450	mg/L	10	10/6/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	10/7/2010
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	10/9/2010
Barium, Dissolved	EPA 200.7	0.022	mg/L	0.010	10/9/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Boron, Dissolved	EPA 200.7	0.23	mg/L	0.10	10/9/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Calcium, Dissolved	EPA 200.7	50	mg/L	0.50	10/9/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	10/9/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Magnesium, Dissolved	EPA 200.7	3.7	mg/L	0.50	10/9/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Potassium, Dissolved	EPA 200.7	11	mg/L	0.50	10/9/2010
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Sodium, Dissolved	EPA 200.7	71	mg/L	0.50	10/9/2010
Strontium, Dissolved	EPA 200.7	0.43	mg/L	0.10	10/9/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Vanadium, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Zinc, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	0.00010	10/8/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Arsenic, Dissolved	EPA 200.8	0.0054	mg/L	0.0050	10/8/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	10/8/2010
Anions	Calculation	6.45	meq/L	0.10	10/12/2010
Cations	Calculation	6.17	meq/L	0.10	10/12/2010
Error	Calculation	2.2	%	1.0	10/12/2010

Customer Sample ID: MW-4 **Collect Date/Time:** 10/4/2010 10:00
WETLAB Sample ID: 1010049-003 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed

Customer Sample ID: MW-1 **Collect Date/Time:** 10/4/2010 09:00
WETLAB Sample ID: 1010049-004 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.75	pH Units		10/5/2010
Bicarbonate (HCO3)	SM 2320B	150	mg/L	1.0	10/5/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Total Alkalinity	SM 2320B	120	mg/L as CaCO3	1.0	10/5/2010
Chloride	EPA 300.0	24	mg/L	5.0	10/7/2010
Fluoride	EPA 300.0	0.36	mg/L	0.25	10/7/2010
Sulfate	EPA 300.0	160	mg/L	5.0	10/7/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.27	mg/L	0.10	10/5/2010
Total Dissolved Solids (TDS)	SM 2540C	480	mg/L	10	10/6/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	10/7/2010
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	10/9/2010
Barium, Dissolved	EPA 200.7	0.031	mg/L	0.010	10/9/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Boron, Dissolved	EPA 200.7	0.20	mg/L	0.10	10/9/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Calcium, Dissolved	EPA 200.7	56	mg/L	0.50	10/9/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	10/9/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Magnesium, Dissolved	EPA 200.7	4.0	mg/L	0.50	10/9/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Potassium, Dissolved	EPA 200.7	12	mg/L	0.50	10/9/2010
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Sodium, Dissolved	EPA 200.7	69	mg/L	0.50	10/9/2010
Strontium, Dissolved	EPA 200.7	0.49	mg/L	0.10	10/9/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010

Customer Sample ID: MW-1 **Collect Date/Time:** 10/4/2010 09:00
WETLAB Sample ID: 1010049-004 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Vanadium, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Zinc, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	0.00010	10/8/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	10/8/2010
Anions	Calculation	6.50	meq/L	0.10	10/12/2010
Cations	Calculation	6.43	meq/L	0.10	10/12/2010
Error	Calculation	<1.0	%	1.0	10/12/2010

Customer Sample ID: MW-3 **Collect Date/Time:** 10/4/2010 08:00
WETLAB Sample ID: 1010049-005 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.21	pH Units		10/5/2010
Bicarbonate (HCO3)	SM 2320B	360	mg/L	1.0	10/5/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Total Alkalinity	SM 2320B	290	mg/L as CaCO3	1.0	10/5/2010
Chloride	EPA 300.0	56	mg/L	10	10/7/2010
Fluoride	EPA 300.0	0.91	mg/L	0.50	10/7/2010
Sulfate	EPA 300.0	430	mg/L	10	10/7/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.23	mg/L	0.10	10/5/2010
Total Dissolved Solids (TDS)	SM 2540C	1400	mg/L	10	10/6/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	10/7/2010
Aluminum, Dissolved	EPA 200.7	4.4	mg/L	0.045	10/9/2010
Barium, Dissolved	EPA 200.7	0.064	mg/L	0.010	10/9/2010
Beryllium, Dissolved	EPA 200.7	0.0012	mg/L	0.0010	10/9/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Boron, Dissolved	EPA 200.7	0.20	mg/L	0.10	10/9/2010
Cadmium, Dissolved	EPA 200.7	0.0017	mg/L	0.0010	10/9/2010
Calcium, Dissolved	EPA 200.7	47	mg/L	0.50	10/9/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	10/9/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Iron, Dissolved	EPA 200.7	4.9	mg/L	0.010	10/9/2010

Customer Sample ID: MW-3 **Collect Date/Time:** 10/4/2010 08:00
WETLAB Sample ID: 1010049-005 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Magnesium, Dissolved	EPA 200.7	9.2	mg/L	0.50	10/9/2010
Manganese, Dissolved	EPA 200.7	0.42	mg/L	0.0050	10/9/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Potassium, Dissolved	EPA 200.7	9.8	mg/L	0.50	10/9/2010
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Sodium, Dissolved	EPA 200.7	320	mg/L	0.50	10/9/2010
Strontium, Dissolved	EPA 200.7	0.41	mg/L	0.10	10/9/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Vanadium, Dissolved	EPA 200.7	0.020	mg/L	0.010	10/13/2010
Zinc, Dissolved	EPA 200.7	0.094	mg/L	0.010	10/9/2010
Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	0.00010	10/8/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Arsenic, Dissolved	EPA 200.8	0.015	mg/L	0.0050	10/8/2010
Lead, Dissolved	EPA 200.8	0.019	mg/L	0.0025	10/8/2010
Selenium, Dissolved	EPA 200.8	0.0091	mg/L	0.0050	10/8/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	10/8/2010
Anions	Calculation	16.5	meq/L	0.10	10/12/2010
Cations	Calculation	18.0	meq/L	0.10	10/12/2010
Error	Calculation	4.5	%	1.0	10/12/2010

Customer Sample ID: PW-3 **Collect Date/Time:** 10/2/2010 22:30
WETLAB Sample ID: 1010049-006 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.76	pH Units		10/5/2010
Bicarbonate (HCO3)	SM 2320B	160	mg/L	1.0	10/5/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/5/2010
Total Alkalinity	SM 2320B	130	mg/L as CaCO3	1.0	10/5/2010
Chloride	EPA 300.0	35	mg/L	5.0	10/7/2010
Fluoride	EPA 300.0	0.34	mg/L	0.25	10/7/2010
Sulfate	EPA 300.0	210	mg/L	5.0	10/7/2010
Nitrate + Nitrite Nitrogen	EPA 353.2	0.30	mg/L	0.10	10/5/2010
Total Dissolved Solids (TDS)	SM 2540C	560	mg/L	10	10/6/2010
WAD Cyanide	SM 4500CNI	<0.010	mg/L	0.010	10/7/2010

Customer Sample ID: PW-3 **Collect Date/Time:** 10/2/2010 22:30

WETLAB Sample ID: 1010049-006 **Receive Date:** 10/5/2010 11:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	0.045	10/9/2010
Barium, Dissolved	EPA 200.7	0.036	mg/L	0.010	10/9/2010
Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Boron, Dissolved	EPA 200.7	0.20	mg/L	0.10	10/9/2010
Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	0.0010	10/9/2010
Calcium, Dissolved	EPA 200.7	75	mg/L	0.50	10/9/2010
Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Copper, Dissolved	EPA 200.7	<0.050	mg/L	0.050	10/9/2010
Gallium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Iron, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Lithium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Magnesium, Dissolved	EPA 200.7	4.9	mg/L	0.50	10/9/2010
Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Nickel, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	0.50	10/9/2010
Potassium, Dissolved	EPA 200.7	12	mg/L	0.50	10/9/2010
Scandium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Silver, Dissolved	EPA 200.7	<0.0050	mg/L	0.0050	10/9/2010
Sodium, Dissolved	EPA 200.7	75	mg/L	0.50	10/9/2010
Strontium, Dissolved	EPA 200.7	0.57	mg/L	0.10	10/9/2010
Tin, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Titanium, Dissolved	EPA 200.7	<0.10	mg/L	0.10	10/9/2010
Vanadium, Dissolved	EPA 200.7	<0.010	mg/L	0.010	10/9/2010
Zinc, Dissolved	EPA 200.7	0.11	mg/L	0.010	10/9/2010
Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	0.00010	10/8/2010
Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Lead, Dissolved	EPA 200.8	<0.0025	mg/L	0.0025	10/8/2010
Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	0.0050	10/8/2010
Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	0.0010	10/8/2010
Anions	Calculation	8.02	meq/L	0.10	10/12/2010
Cations	Calculation	7.72	meq/L	0.10	10/12/2010
Error	Calculation	1.9	%	1.0	10/12/2010

Western Environmental Testing Laboratory
QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1010111	Blank 1	Nitrate + Nitrite Nitrogen	EPA 353.2	<0.010	mg/L
QC1010111	Blank 2	Nitrate + Nitrite Nitrogen	EPA 353.2	<0.010	mg/L
QC1010111	Blank 3	Nitrate + Nitrite Nitrogen	EPA 353.2	<0.010	mg/L
QC1010159	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1010159	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1010159	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1010163	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1010163	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1010163	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1010169	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1010169	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1010169	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1010193	Blank 1	WAD Cyanide	SM 4500CNI	<0.010	mg/L
QC1010193	Blank 2	WAD Cyanide	SM 4500CNI	<0.010	mg/L
QC1010209	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1010216	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1010216	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1010259	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1010111	LCS 1	Nitrate + Nitrite Nitrogen	EPA 353.2	0.806	0.800	101	mg/L
QC1010133	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1010133	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1010135	LCS 1	Alkalinity	SM 2320B	92.0	100	92	mg/L
QC1010135	LCS 2	Alkalinity	SM 2320B	93.0	100	93	mg/L
QC1010159	LCS 1	Fluoride	EPA 300.0	1.98	2.00	99	mg/L
QC1010163	LCS 1	Chloride	EPA 300.0	10.1	10.0	101	mg/L
QC1010169	LCS 1	Sulfate	EPA 300.0	25.6	25.0	102	mg/L
QC1010193	LCS 1	WAD Cyanide	SM 4500CNI	0.090	0.100	90	mg/L
QC1010209	LCS 1	Mercury	EPA 200.8	0.000993	0.001	99	mg/L
		Antimony	EPA 200.8	0.0106	0.010	106	mg/L
		Arsenic	EPA 200.8	0.0503	0.050	101	mg/L
		Lead	EPA 200.8	0.0103	0.010	102	mg/L
		Selenium	EPA 200.8	0.0457	0.050	91	mg/L
		Thallium	EPA 200.8	0.0105	0.010	105	mg/L
QC1010216	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L
QC1010216	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	153	150	102	mg/L
QC1010259	LCS 1	Aluminum	EPA 200.7	50.4	1.00	100	mg/L
		Barium	EPA 200.7	50.5	1.00	95	mg/L
		Beryllium	EPA 200.7	48.5	1.00	99	mg/L
		Bismuth	EPA 200.7	46.4	1.00	96	mg/L
		Boron	EPA 200.7	47.8	1.00	93	mg/L
		Cadmium	EPA 200.7	48.3	1.00	97	mg/L
		Calcium	EPA 200.7	503	10.0	99	mg/L
		Chromium	EPA 200.7	51.0	1.00	98	mg/L
		Cobalt	EPA 200.7	50.3	1.00	96	mg/L
		Copper	EPA 200.7	255	5.00	98	mg/L
		Gallium	EPA 200.7	50.1	1.00	100	mg/L
		Iron	EPA 200.7	50.5	1.00	96	mg/L
		Lithium	EPA 200.7	50.0	1.00	94	mg/L
		Magnesium	EPA 200.7	501	10.0	100	mg/L
		Manganese	EPA 200.7	49.3	1.00	96	mg/L
		Molybdenum	EPA 200.7	48.3	1.00	89	mg/L
		Nickel	EPA 200.7	249	5.00	97	mg/L
		Phosphorus	EPA 200.7	242	5.00	93	mg/L
		Potassium	EPA 200.7	488	10.0	98	mg/L
		Scandium	EPA 200.7	50.9	1.00	99	mg/L
		Silver	EPA 200.7	4.48	0.090	108	mg/L
		Sodium	EPA 200.7	493	10.0	93	mg/L
		Strontium	EPA 200.7	48.0	1.00	93	mg/L
		Tin	EPA 200.7	47.3	1.00	89	mg/L
		Titanium	EPA 200.7	51.7	1.00	97	mg/L
		Vanadium	EPA 200.7	51.0	1.00	98	mg/L
		Zinc	EPA 200.7	47.5	1.00	97	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1010133	Duplicate 1	pH	SM 4500-H+ B	1010049-001	5.94	5.93	pH Units	<1%
QC1010133	Duplicate 2	pH	SM 4500-H+ B	1010051-006	7.57	7.62	pH Units	1 %
QC1010133	Duplicate 3	pH	SM 4500-H+ B	1010052-007	3.31	3.32	pH Units	<1%
QC1010133	Duplicate 4	pH	SM 4500-H+ B	1010054-005	7.80	7.80	pH Units	<1%
QC1010135	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1010049-001	<1.000	<1.000	mg/L	13 %
		Carbonate (CO3)	SM 2320B	1010049-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1010049-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1010049-001	<1.000	<1.000	mg/L as CaCO3	14 %
QC1010135	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1010051-006	39.0	37.6	mg/L	4 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
		Carbonate (CO3)	SM 2320B	1010051-006	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1010051-006	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1010051-006	32.0	30.8	mg/L as CaCO3	4 %
QC1010135	Duplicate 3	Bicarbonate (HCO3)	SM 2320B	1010052-003	31.3	32.8	mg/L	5 %
		Carbonate (CO3)	SM 2320B	1010052-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1010052-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1010052-003	25.7	26.9	mg/L as CaCO3	5 %
QC1010216	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1010049-001	<10.00	<10.00	mg/L	<1%
QC1010216	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1010051-007	92.0	95.0	mg/L	3 %
QC1010216	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1010052-007	2434	2448	mg/L	1 %
QC1010216	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1010054-007	33.0	30.0	mg/L	10 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1010111	MS 1	Nitrate + Nitrite Nitrogen	EPA 353.2	1010006-001	5.54	1.50	1.54	1.00	mg/L	95	98	3 %
QC1010111	MS 2	Nitrate + Nitrite Nitrogen	EPA 353.2	1010049-002	0.291	1.05	1.05	1.00	mg/L	102	102	<1%
QC1010159	MS 1	Fluoride	EPA 300.0	1010006-001	0.101	2.06	2.12	2.00	mg/L	98	101	3 %
QC1010159	MS 2	Fluoride	EPA 300.0	1010049-001	<0.100	1.96	1.94	2.00	mg/L	98	97	1 %
QC1010163	MS 1	Chloride	EPA 300.0	1010006-001	13.1	18.0	18.0	5.00	mg/L	98	98	<1%
QC1010163	MS 2	Chloride	EPA 300.0	1010049-001	<1.000	5.26	5.22	5.00	mg/L	98	98	1 %
QC1010169	MS 1	Sulfate	EPA 300.0	1010006-001	22.2	31.8	31.8	10.0	mg/L	96	96	<1%
QC1010169	MS 2	Sulfate	EPA 300.0	1010049-001	<1.000	10.3	10.3	10.0	mg/L	102	102	<1%
QC1010193	MS 1	WAD Cyanide	SM 4500CNI	1010049-001	<0.010	0.094	0.095	0.100	mg/L	94	95	1 %
QC1010209	MS 1	Mercury, Dissolved	EPA 200.8	1010049-001	<0.000100	0.000986	0.001054	0.001	mg/L	99	105	7 %
		Antimony, Dissolved	EPA 200.8	1010049-001	<0.0025	0.0106	0.0110	0.010	mg/L	106	110	4 %
		Arsenic, Dissolved	EPA 200.8	1010049-001	<0.0050	0.0511	0.0529	0.050	mg/L	102	106	3 %
		Lead, Dissolved	EPA 200.8	1010049-001	<0.0025	0.0102	0.0104	0.010	mg/L	102	104	2 %
		Selenium, Dissolved	EPA 200.8	1010049-001	<0.0050	0.0477	0.0484	0.050	mg/L	95	97	1 %
		Thallium, Dissolved	EPA 200.8	1010049-001	<0.0010	0.0104	0.0106	0.010	mg/L	104	106	2 %
QC1010259	MS 1	Aluminum, Dissolved	EPA 200.7	1010049-001	<0.045	0.983	0.985	1.00	mg/L	98	98	<1%
		Barium, Dissolved	EPA 200.7	1010049-001	<0.010	0.946	0.950	1.00	mg/L	95	95	<1%
		Beryllium, Dissolved	EPA 200.7	1010049-001	<0.001	0.995	0.986	1.00	mg/L	100	99	1 %
		Bismuth, Dissolved	EPA 200.7	1010049-001	<0.100	0.940	0.949	1.00	mg/L	93	94	1 %
		Boron, Dissolved	EPA 200.7	1010049-001	<0.100	0.920	0.934	1.00	mg/L	93	94	2 %
		Cadmium, Dissolved	EPA 200.7	1010049-001	<0.001	0.961	0.969	1.00	mg/L	96	97	1 %
		Calcium, Dissolved	EPA 200.7	1010049-001	<0.500	10.1	10.1	10.0	mg/L	101	101	<1%
		Chromium, Dissolved	EPA 200.7	1010049-001	<0.005	0.962	0.966	1.00	mg/L	96	97	<1%
		Cobalt, Dissolved	EPA 200.7	1010049-001	<0.010	0.946	0.953	1.00	mg/L	95	95	1 %
		Copper, Dissolved	EPA 200.7	1010049-001	<0.050	4.84	4.80	5.00	mg/L	97	96	1 %
		Gallium, Dissolved	EPA 200.7	1010049-001	<0.100	0.988	0.986	1.00	mg/L	99	99	<1%
		Iron, Dissolved	EPA 200.7	1010049-001	<0.010	0.974	0.967	1.00	mg/L	98	97	1 %
		Lithium, Dissolved	EPA 200.7	1010049-001	<0.100	0.935	0.935	1.00	mg/L	93	93	<1%
		Magnesium, Dissolved	EPA 200.7	1010049-001	<0.500	10.0	10.0	10.0	mg/L	100	100	<1%
		Manganese, Dissolved	EPA 200.7	1010049-001	<0.005	0.962	0.966	1.00	mg/L	96	96	<1%
		Molybdenum, Dissolved	EPA 200.7	1010049-001	<0.010	0.888	0.878	1.00	mg/L	89	88	1 %
		Nickel, Dissolved	EPA 200.7	1010049-001	<0.010	4.78	4.79	5.00	mg/L	96	96	<1%
		Phosphorus, Dissolved	EPA 200.7	1010049-001	<0.500	4.58	4.60	5.00	mg/L	92	93	<1%
		Potassium, Dissolved	EPA 200.7	1010049-001	<0.500	9.70	9.64	10.0	mg/L	98	97	1 %
		Scandium, Dissolved	EPA 200.7	1010049-001	<0.100	0.980	0.971	1.00	mg/L	98	97	1 %
		Silver, Dissolved	EPA 200.7	1010049-001	<0.005	0.096	0.096	0.090	mg/L	106	105	<1%
		Sodium, Dissolved	EPA 200.7	1010049-001	<0.500	9.15	9.11	10.0	mg/L	92	91	<1%
		Strontium, Dissolved	EPA 200.7	1010049-001	<0.100	0.922	0.912	1.00	mg/L	92	91	1 %
		Tin, Dissolved	EPA 200.7	1010049-001	<0.100	0.893	0.902	1.00	mg/L	90	91	1 %
		Titanium, Dissolved	EPA 200.7	1010049-001	<0.100	0.970	0.964	1.00	mg/L	97	96	1 %
		Vanadium, Dissolved	EPA 200.7	1010049-001	<0.010	0.966	0.968	1.00	mg/L	97	97	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Zinc, Dissolved	EPA 200.7	1010049-001	<0.010	0.950	0.961	1.00	mg/L	95	96	1 %