BW - ___27___

ANALYTICAL DATA

Summary Report

Wayne Price
Key Energy Services-Carlsbad
1609 E. Green
Carlsbad, NM 88221

Report Date: November 23, 2010

Work Order: 10111112

Project Location: Mesquite Brine Station (Well)
Project Name: New Carlsbad Brine Well (NCBW)
Project Number: NCBW-2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
250172	Mesquite Brine Water	water	2010-11-10	08:20	2010-11-11

Sample: 250172 - Mesquite Brine Water

Param	Flag	Result	Units	RL
Total Silver		<0.0500	mg/L	0.00500
Total Aluminum		<0.500	mg/L	0.0500
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1.00
Bicarbonate Alkalinity		**190**	mg/L as CaCo3	4.00
Total Alkalinity		**190**	mg/L as CaCo3	4.00
Total Arsenic		<0.100	mg/L	0.0100
Total Boron		**1.28**	mg/L	0.0100
Total Barium		<0.100	mg/L	0.0100
Total Cadmium		<0.0500	mg/L	0.00500
Total Cobalt		<0.0500	mg/L	0.00500
Specific Conductance		**495000**	uMHOS/cm	0.00
Total Chromium		<0.100	mg/L	0.0100
Total Copper		<0.0500	mg/L	0.00500
Density		**1.19**	g/ml	0.00
Total Iron		**0.328**	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Chloride		**184000**	mg/L	2.50
Fluoride	[1]	<25.0	mg/L	0.500
Sulfate		**4070**	mg/L	2.50

continued ...

[1] dilution necessitated due to the concentration of chloride present in sample •

sample 250172 continued ...

Param	Flag	Result	Units	RL
Total Manganese		<0.0500	mg/L	0.00500
Total Molybdenum		<0.500	mg/L	0.0500
Total Nickel		<0.100	mg/L	0.0100
Nitrite-N	[2]	<250	mg/L	0.500
Nitrate-N	[3]	<25.0	mg/L	0.500
Total Lead		<0.0500	mg/L	0.00500
pH		**6.18**	s.u.	2.00
Dissolved Calcium		**1370**	mg/L	1.00
Dissolved Magnesium		**333**	mg/L	1.00
Dissolved Potassium		**343**	mg/L	1.00
Dissolved Sodium		**143000**	mg/L	1.00
Total Selenium		<0.200	mg/L	0.0200
Total Dissolved Solids		**291200**	mg/L	10.00
Total Cyanide		<0.0150	mg/L	0.0150
Total Uranium		<0.300	mg/L	0.0300
Total Zinc		<0.0500	mg/L	0.00500

[2] dilution necessitated due to the concentration of chloride present in sample •
[3] dilution necessitated due to the concentration of chloride present in sample •

TRACEANALYSIS, INC.

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Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Wayne Price
Key Energy Services-Carlsbad
1609 E. Green
Carlsbad, NM, 88221

Report Date: November 23, 2010

Work Order: 10111112

Project Location: Mesquite Brine Station (Well)
Project Name: New Carlsbad Brine Well (NCBW)
Project Number: NCBW-2

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
250172	Mesquite Brine Water	water	2010-11-10	08:20	2010-11-11

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project New Carlsbad Brine Well (NCBW) were received by TraceAnalysis, Inc. on 2010-11-11 and assigned to work order 10111112. Samples for work order 10111112 were received intact at a temperature of 1.3 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
Ag, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Alkalinity	SM 2320B	64819	2010-11-22 at 12:10	75564	2010-11-22 at 12:11
Al, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
As, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Ba, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
B, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Ca, Dissolved	S 6010C	64617	2010-11-13 at 14:34	75397	2010-11-17 at 07:09
Cd, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Chloride (IC)	E 300.0	64732	2010-11-17 at 12:02	75469	2010-11-17 at 10:08
Conductivity	SM 2510B	64848	2010-11-22 at 10:05	75594	2010-11-23 at 10:06
Co, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Cr, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Cu, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Density	ASTM D854-92	64621	2010-11-15 at 04:54	75323	2010-11-15 at 04:54
Fe, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Fluoride (IC)	E 300.0	64859	2010-11-17 at 10:00	75612	2010-11-17 at 11:40
Hg, Total	S 7470A	64712	2010-11-17 at 15:35	75463	2010-11-17 at 17:58
K, Dissolved	S 6010C	64617	2010-11-13 at 14:34	75397	2010-11-17 at 07:09
Mg, Dissolved	S 6010C	64617	2010-11-13 at 14:34	75397	2010-11-17 at 07:09
Mn, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Mo, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Na, Dissolved	S 6010C	64617	2010-11-13 at 14:34	75397	2010-11-17 at 07:09
Ni, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
NO2 (IC)	E 300.0	64859	2010-11-17 at 10:00	75612	2010-11-17 at 11:40
NO3 (IC)	E 300.0	64859	2010-11-17 at 10:00	75612	2010-11-17 at 11:40
Pb, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
pH	SM 4500-H+	64566	2010-11-11 at 14:55	75267	2010-11-11 at 14:56
Se, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
SO4 (IC)	E 300.0	64732	2010-11-17 at 12:02	75469	2010-11-17 at 10:08
TDS	SM 2540C	64713	2010-11-15 at 09:30	75435	2010-11-17 at 16:05
Total Cyanide	SM 4500-CN C,E	64614	2010-11-13 at 10:11	75316	2010-11-13 at 10:13
U, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17
Zn, Total	S 6010C	64612	2010-11-12 at 17:07	75353	2010-11-15 at 15:17

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order

10111112 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Ag, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Silver		<0.0500		mg/L	10	0.00500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Al, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Aluminum		<0.500		mg/L	10	0.0500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	75564	Date Analyzed:	2010-11-22	Analyzed By:	CB
Prep Batch:	64819	Sample Preparation:		Prepared By:	CB

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<1.00		mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00		mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		**190**		mg/L as CaCo3	1	4.00
Total Alkalinity		**190**		mg/L as CaCo3	1	4.00

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	As, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Arsenic		<0.100	mg/L	10	0.0100

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	B, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Boron		**1.28**	mg/L	10	0.0100

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Ba, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Barium		<0.100	mg/L	10	0.0100

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Cd, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Cadmium		<0.0500	mg/L	10	0.00500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Co, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.0500	mg/L	10	0.00500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	75594	Date Analyzed:	2010-11-23	Analyzed By:	PG
Prep Batch:	64848	Sample Preparation:	2010-11-22	Prepared By:	PG

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**495000**	uMHOS/cm	10	0.00

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Cr, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.100	mg/L	10	0.0100

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Cu, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.0500	mg/L	10	0.00500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Density	Analytical Method:	ASTM D854-92	Prep Method:	N/A
QC Batch:	75323	Date Analyzed:	2010-11-15	Analyzed By:	AH
Prep Batch:	64621	Sample Preparation:	2010-11-15	Prepared By:	AH

Parameter	Flag	Result	RL	Units	Dilution	RL
Density		**1.19**		g/ml	1	0.00

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Fe, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Iron		**0.328**		mg/L	10	0.0100

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	75463	Date Analyzed:	2010-11-17	Analyzed By:	TP
Prep Batch:	64712	Sample Preparation:	2010-11-17	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Mercury		<0.000200		mg/L	1	0.000200

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	75469	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64732	Sample Preparation:	2010-11-17	Prepared By:	PG
QC Batch:	75612	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64859	Sample Preparation:	2010-11-17	Prepared By:	PG

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**184000**		mg/L	5000	2.50
Fluoride	[1]	<25.0		mg/L	50	0.500
Sulfate		**4070**		mg/L	500	2.50

[1] dilution necessitated due to the concentration of chloride present in sample •

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Mn, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Manganese		<0.0500	mg/L	10	0.00500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Mo, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Molybdenum		<0.500	mg/L	10	0.0500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Ni, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Nickel		<0.100	mg/L	10	0.0100

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	NO2 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	75612	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64859	Sample Preparation:	2010-11-17	Prepared By:	PG

Parameter	Flag	Result	RL Units	Dilution	RL
Nitrite-N	[2]	<250	mg/L	500	0.500

[2] dilution necessitated due to the concentration of chloride present in sample •

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	NO3 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	75612	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64859	Sample Preparation:	2010-11-17	Prepared By:	PG

Parameter	Flag	RL Result	Units	Dilution	RL
Nitrate-N	[3]	<25.0	mg/L	50	0.500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Pb, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0500	mg/L	10	0.00500

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	75267	Date Analyzed:	2010-11-11	Analyzed By:	CB
Prep Batch:	64566	Sample Preparation:		Prepared By:	CB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**6.18**	s.u.	1	2.00

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Salts, Dissolved	Analytical Method:	S 6010C	Prep Method:	S 3005A
QC Batch:	75397	Date Analyzed:	2010-11-17	Analyzed By:	RR
Prep Batch:	64617	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Dissolved Calcium		**1370**	mg/L	1	1.00
Dissolved Magnesium		**333**	mg/L	1	1.00

continued ...

[3] dilution necessitated due to the concentration of chloride present in sample •

sample 250172 continued ...

Parameter	Flag	Result	RL	Units	Dilution	RL
Dissolved Potassium		**343**		mg/L	1	1.00
Dissolved Sodium		**143000**		mg/L	100	1.00

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Se, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Selenium		<0.200		mg/L	10	0.0200

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	75435	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64713	Sample Preparation:	2010-11-16	Prepared By:	PG

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Dissolved Solids		**291200**		mg/L	50	10.00

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Total Cyanide	Analytical Method:	SM 4500-CN C,E	Prep Method:	N/A
QC Batch:	75316	Date Analyzed:	2010-11-13	Analyzed By:	AH
Prep Batch:	64614	Sample Preparation:	2010-11-13	Prepared By:	AH

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Cyanide		<0.0150		mg/L	1	0.0150

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	U, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Uranium		<0.300	mg/L	10	0.0300

Sample: 250172 - Mesquite Brine Water

Laboratory:	Lubbock				
Analysis:	Zn, Total	Analytical Method:	S 6010C	Prep Method:	S 3010A
QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	Sample Preparation:	2010-11-15	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.0500	mg/L	10	0.00500

Method Blank (1) QC Batch: 75316

QC Batch:	75316	Date Analyzed:	2010-11-13	Analyzed By:	AH
Prep Batch:	64614	QC Preparation:	2010-11-13	Prepared By:	AH

Parameter	Flag	MDL Result	Units	RL
Total Cyanide		<0.0115	mg/L	0.015

Method Blank (1) QC Batch: 75323

QC Batch:	75323	Date Analyzed:	2010-11-15	Analyzed By:	AH
Prep Batch:	64621	QC Preparation:	2010-11-15	Prepared By:	AH

Parameter	Flag	MDL Result	Units	RL
Density		0.988	g/ml	

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000469	mg/L	0.005

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Aluminum		<0.00982	mg/L	0.05

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00465	mg/L	0.01

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Boron		<0.00215	mg/L	0.01

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00418	mg/L	0.01

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00232	mg/L	0.005

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00258	mg/L	0.005

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00291	mg/L	0.01

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00313	mg/L	0.005

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Iron		<0.00273	mg/L	0.01

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Manganese		<0.00423	mg/L	0.005

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Molybdenum		<0.00164	mg/L	0.05

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00593	mg/L	0.01

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00303	mg/L	0.005

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.00570	mg/L	0.02

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Uranium		<0.0136	mg/L	0.03

Method Blank (1) QC Batch: 75353

QC Batch:	75353	Date Analyzed:	2010-11-15	Analyzed By:	RR
Prep Batch:	64612	QC Preparation:	2010-11-12	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.00178	mg/L	0.005

Method Blank (1) QC Batch: 75397

QC Batch:	75397	Date Analyzed:	2010-11-17	Analyzed By:	RR
Prep Batch:	64617	QC Preparation:	2010-11-13	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Dissolved Calcium		<0.0134	mg/L	1
Dissolved Magnesium		<0.184	mg/L	1
Dissolved Potassium		<0.0634	mg/L	1
Dissolved Sodium		<0.303	mg/L	1

Method Blank (1) QC Batch: 75435

QC Batch:	75435	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64713	QC Preparation:	2010-11-15	Prepared By:	PG

Parameter	Flag	MDL Result	Units	RL
Total Dissolved Solids		5.000	mg/L	10

Method Blank (1) QC Batch: 75463

QC Batch:	75463	Date Analyzed:	2010-11-17	Analyzed By:	TP
Prep Batch:	64712	QC Preparation:	2010-11-17	Prepared By:	TP

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000388	mg/L	0.0002

Method Blank (1) QC Batch: 75469

QC Batch:	75469	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64732	QC Preparation:	2010-11-17	Prepared By:	PG

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0350	mg/L	2.5
Sulfate		<0.596	mg/L	2.5

Method Blank (1) QC Batch: 75564

QC Batch:	75564	Date Analyzed:	2010-11-22	Analyzed By:	CB
Prep Batch:	64819	QC Preparation:	2010-11-22	Prepared By:	CB

Parameter	Flag	MDL Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.00	mg/L as CaCo3	4
Total Alkalinity		<4.00	mg/L as CaCo3	4

Method Blank (1) QC Batch: 75594

QC Batch:	75594	Date Analyzed:	2010-11-23	Analyzed By:	PG
Prep Batch:	64848	QC Preparation:	2010-11-22	Prepared By:	PG

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		2.80	uMHOS/cm	

Method Blank (1) QC Batch: 75612

QC Batch:	75612	Date Analyzed:	2010-11-17	Analyzed By:	PG
Prep Batch:	64859	QC Preparation:	2010-11-17	Prepared By:	PG

Parameter	Flag	MDL Result	Units	RL
Nitrite-N		<0.0334	mg/L	0.5

Method Blank (1) QC Batch: 75612

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Parameter	Flag	MDL Result	Units	RL
Nitrate-N		<0.0491	mg/L	0.5

Method Blank (1) QC Batch: 75612

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Parameter	Flag	MDL Result	Units	RL
Fluoride		<0.0964	mg/L	0.5

Duplicates (1) Duplicated Sample: 250195

QC Batch: 75267 | Date Analyzed: 2010-11-11 | Analyzed By: CB
Prep Batch: 64566 | QC Preparation: 2010-11-11 | Prepared By: CB

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	9.01	9.05	s.u.	1	0	20

Duplicates (1) Duplicated Sample: 250185

QC Batch: 75323 | Date Analyzed: 2010-11-15 | Analyzed By: AH
Prep Batch: 64621 | QC Preparation: 2010-11-15 | Prepared By: AH

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Density	1.21	1.21	g/ml	1	0	20

Duplicates (1) Duplicated Sample: 250300

QC Batch: 75435 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64713 | QC Preparation: 2010-11-15 | Prepared By: PG

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids	480.0	471.0	mg/L	1	2	10

Duplicates (1) Duplicated Sample: 250172

QC Batch: 75564 Date Analyzed: 2010-11-22 Analyzed By: CB
Prep Batch: 64819 QC Preparation: 2010-11-22 Prepared By: CB

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Bicarbonate Alkalinity	180	190	mg/L as CaCo3	1	5	20
Total Alkalinity	180	190	mg/L as CaCo3	1	5	20

Duplicates (1) Duplicated Sample: 250305

QC Batch: 75594 Date Analyzed: 2010-11-23 Analyzed By: PG
Prep Batch: 64848 QC Preparation: 2010-11-22 Prepared By: PG

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	997	1000	uMHOS/cm	1	0	20

Laboratory Control Spike (LCS-1)

QC Batch: 75316 Date Analyzed: 2010-11-13 Analyzed By: AH
Prep Batch: 64614 QC Preparation: 2010-11-13 Prepared By: AH

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cyanide	0.119	mg/L	1	0.120	<0.0115	99	83.3 - 116

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cyanide	0.120	mg/L	1	0.120	<0.0115	100	83.3 - 116	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.118	mg/L	1	0.125	<0.000469	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.118	mg/L	1	0.125	<0.000469	94	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Aluminum	0.934	mg/L	1	1.00	<0.00982	93	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Aluminum	0.950	mg/L	1	1.00	<0.00982	95	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.509	mg/L	1	0.500	<0.00465	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.511	mg/L	1	0.500	<0.00465	102	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Boron	0.0470	mg/L	1	0.0500	<0.00215	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Boron	0.0480	mg/L	1	0.0500	<0.00215	96	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.992	mg/L	1	1.00	<0.00418	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.992	mg/L	1	1.00	<0.00418	99	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.254	mg/L	1	0.250	<0.00232	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.257	mg/L	1	0.250	<0.00232	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.248	mg/L	1	0.250	<0.00258	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.252	mg/L	1	0.250	<0.00258	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0980	mg/L	1	0.100	<0.00291	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.100	mg/L	1	0.100	<0.00291	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.125	mg/L	1	0.125	<0.00313	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.123	mg/L	1	0.125	<0.00313	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Iron	0.505	mg/L	1	0.500	<0.00273	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Iron	0.521	mg/L	1	0.500	<0.00273	104	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Manganese	0.248	mg/L	1	0.250	<0.00423	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Manganese	0.242	mg/L	1	0.250	<0.00423	97	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Molybdenum	0.506	mg/L	1	0.500	<0.00164	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Molybdenum	0.510	mg/L	1	0.500	<0.00164	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.248	mg/L	1	0.250	<0.00593	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.250	mg/L	1	0.250	<0.00593	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.517	mg/L	1	0.500	<0.00303	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.522	mg/L	1	0.500	<0.00303	104	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.459	mg/L	1	0.500	<0.00570	92	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.469	mg/L	1	0.500	<0.00570	94	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Uranium	0.456	mg/L	1	0.500	<0.0136	91	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Uranium	0.474	mg/L	1	0.500	<0.0136	95	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.248	mg/L	1	0.250	<0.00178	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.248	mg/L	1	0.250	<0.00178	99	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75397 | Date Analyzed: 2010-11-17 | Analyzed By: RR
Prep Batch: 64617 | QC Preparation: 2010-11-13 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Dissolved Calcium	49.9	mg/L	1	50.0	<0.0134	100	85 - 115
Dissolved Magnesium	50.1	mg/L	1	50.0	<0.184	100	85 - 115
Dissolved Potassium	49.4	mg/L	1	50.0	<0.0634	99	85 - 115
Dissolved Sodium	49.6	mg/L	1	50.0	<0.303	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Dissolved Calcium	51.1	mg/L	1	50.0	<0.0134	102	85 - 115	2	20
Dissolved Magnesium	51.5	mg/L	1	50.0	<0.184	103	85 - 115	3	20
Dissolved Potassium	50.1	mg/L	1	50.0	<0.0634	100	85 - 115	1	20
Dissolved Sodium	50.3	mg/L	1	50.0	<0.303	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75435 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64713 | QC Preparation: 2010-11-15 | Prepared By: PG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Dissolved Solids	986	mg/L	1	1000	<5.00	99	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Dissolved Solids	978	mg/L	1	1000	<5.00	98	90 - 110	1	10

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75463 | Date Analyzed: 2010-11-17 | Analyzed By: TP
Prep Batch: 64712 | QC Preparation: 2010-11-17 | Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00390	mg/L	1	0.00400	<0.0000388	98	91.4 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00399	mg/L	1	0.00400	<0.0000388	100	91.4 - 111	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75469 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64732 | QC Preparation: 2010-11-17 | Prepared By: PG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	24.2	mg/L	1	25.0	<0.0350	97	90 - 110
Sulfate	26.0	mg/L	1	25.0	<0.596	104	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	25.0	mg/L	1	25.0	<0.0350	100	90 - 110	3	20
Sulfate	26.8	mg/L	1	25.0	<0.596	107	90 - 110	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Nitrite-N	5.12	mg/L	1	5.00	<0.0334	102	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Nitrite-N	5.48	mg/L	1	5.00	<0.0334	110	90 - 110	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Nitrate-N	5.06	mg/L	1	5.00	<0.0491	101	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Nitrate-N	5.42	mg/L	1	5.00	<0.0491	108	90 - 110	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Fluoride	5.03	mg/L	1	5.00	<0.0964	101	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Fluoride	5.37	mg/L	1	5.00	<0.0964	107	90 - 110	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250314

QC Batch: 75316 | Date Analyzed: 2010-11-13 | Analyzed By: AH
Prep Batch: 64614 | QC Preparation: 2010-11-13 | Prepared By: AH

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cyanide	0.122	mg/L	1	0.120	<0.0115	102	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cyanide	0.123	mg/L	1	0.120	<0.0115	102	80 - 120	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.121	mg/L	1	0.125	<0.000469	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.121	mg/L	1	0.125	<0.000469	97	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Aluminum	0.945	mg/L	1	1.00	<0.00982	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Aluminum	0.945	mg/L	1	1.00	<0.00982	94	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.489	mg/L	1	0.500	<0.00465	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.494	mg/L	1	0.500	<0.00465	99	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Boron	0.0470	mg/L	1	0.0500	<0.00215	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Boron	0.0490	mg/L	1	0.0500	<0.00215	98	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.945	mg/L	1	1.00	0.007	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.963	mg/L	1	1.00	0.007	96	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.240	mg/L	1	0.250	<0.00232	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.242	mg/L	1	0.250	<0.00232	97	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.225	mg/L	1	0.250	<0.00258	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.240	mg/L	1	0.250	<0.00258	96	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0910	mg/L	1	0.100	<0.00291	91	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0980	mg/L	1	0.100	<0.00291	98	75 - 125	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.123	mg/L	1	0.125	<0.00313	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.123	mg/L	1	0.125	<0.00313	98	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Iron	0.486	mg/L	1	0.500	<0.00273	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Iron	0.484	mg/L	1	0.500	<0.00273	97	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Manganese	0.234	mg/L	1	0.250	<0.00423	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Manganese	0.234	mg/L	1	0.250	<0.00423	94	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Molybdenum	0.471	mg/L	1	0.500	<0.00164	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Molybdenum	0.478	mg/L	1	0.500	<0.00164	96	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.233	mg/L	1	0.250	<0.00593	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.236	mg/L	1	0.250	<0.00593	94	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.471	mg/L	1	0.500	<0.00303	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.472	mg/L	1	0.500	<0.00303	94	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.439	mg/L	1	0.500	<0.00570	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.445	mg/L	1	0.500	<0.00570	89	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Uranium	0.499	mg/L	1	0.500	<0.0136	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Uranium	0.503	mg/L	1	0.500	<0.0136	101	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250190

QC Batch: 75353 | Date Analyzed: 2010-11-15 | Analyzed By: RR
Prep Batch: 64612 | QC Preparation: 2010-11-12 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.237	mg/L	1	0.250	<0.00178	95	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.235	mg/L	1	0.250	<0.00178	94	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250090

QC Batch: 75397 | Date Analyzed: 2010-11-17 | Analyzed By: RR
Prep Batch: 64617 | QC Preparation: 2010-11-13 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Dissolved Calcium	492	mg/L	1	500	33.1	92	75 - 125
Dissolved Magnesium	498	mg/L	1	500	41.5	91	75 - 125
Dissolved Potassium	459	mg/L	1	500	6	91	75 - 125
Dissolved Sodium	558	mg/L	1	500	94.9	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Dissolved Calcium	542	mg/L	1	500	33.1	102	75 - 125	10	20
Dissolved Magnesium	548	mg/L	1	500	41.5	101	75 - 125	10	20
Dissolved Potassium	499	mg/L	1	500	6	99	75 - 125	8	20
Dissolved Sodium	608	mg/L	1	500	94.9	103	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 249899

QC Batch: 75463 | Date Analyzed: 2010-11-17 | Analyzed By: TP
Prep Batch: 64712 | QC Preparation: 2010-11-17 | Prepared By: TP

continued ...

matrix spikes continued . . .

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00317	mg/L	1	0.00400	<0.0000388	79	75 - 122

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00320	mg/L	1	0.00400	<0.0000388	80	75 - 122	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250347

QC Batch: 75469 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64732 | QC Preparation: 2010-11-17 | Prepared By: PG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	22000	mg/L	500	12500	8780	106	90 - 110
Sulfate	15200	mg/L	500	12500	2310	103	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	21600	mg/L	500	12500	8780	102	90 - 110	2	20
Sulfate	14900	mg/L	500	12500	2310	101	90 - 110	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250347

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Nitrite-N [4]	2860	mg/L	500	2500	<16.7	114	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

[4] matrix spikes ran with batch but spiked sample was reported in another batch •

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Nitrite-N	[5]	2930	mg/L	500	2500	<16.7	117	90 - 110	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250347

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Nitrate-N	[6]	2660	mg/L	500	2500	<24.6	106	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Nitrate-N	[7]	2580	mg/L	500	2500	<24.6	103	90 - 110	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 250347

QC Batch: 75612 | Date Analyzed: 2010-11-17 | Analyzed By: PG
Prep Batch: 64859 | QC Preparation: 2010-11-17 | Prepared By: PG

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Fluoride	[8]	2480	mg/L	500	2500	<48.2	99	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Fluoride	[9]	2620	mg/L	500	2500	<48.2	105	90 - 110	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 75267 | Date Analyzed: 2010-11-11 | Analyzed By: CB

[5] matrix spikes ran with batch but spiked sample was reported in another batch •
[6] matrix spikes ran with batch but spiked sample was reported in another batch •
[7] matrix spikes ran with batch but spiked sample was reported in another batch •
[8] matrix spikes ran with batch but spiked sample was reported in another batch •
[9] matrix spikes ran with batch but spiked sample was reported in another batch •

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.03	100	98 - 102	2010-11-11

Standard (CCV-1)

QC Batch: 75267 Date Analyzed: 2010-11-11 Analyzed By: CB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.99	100	98 - 102	2010-11-11

Standard (ICV-1)

QC Batch: 75316 Date Analyzed: 2010-11-13 Analyzed By: AH

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cyanide		mg/L	0.120	0.120	100	85 - 115	2010-11-13

Standard (CCV-1)

QC Batch: 75316 Date Analyzed: 2010-11-13 Analyzed By: AH

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cyanide		mg/L	0.120	0.125	104	85 - 115	2010-11-13

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.122	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Aluminum		mg/L	1.00	0.975	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.970	97	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Boron		mg/L	1.00	1.01	101	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	0.975	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.988	99	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.974	97	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.981	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.987	99	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Iron		mg/L	1.00	0.980	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Manganese		mg/L	1.00	0.981	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Molybdenum		mg/L	1.00	0.974	97	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.985	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.976	98	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.970	97	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Uranium		mg/L	1.00	0.974	97	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.991	99	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.120	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Aluminum		mg/L	1.00	0.958	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.945	94	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Boron		mg/L	1.00	0.953	95	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	0.968	97	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.972	97	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.952	95	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.961	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.953	95	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Iron		mg/L	1.00	0.961	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Manganese		mg/L	1.00	0.961	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Molybdenum		mg/L	1.00	0.950	95	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.964	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.951	95	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.948	95	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Uranium		mg/L	1.00	0.964	96	90 - 110	2010-11-15

Standard (CCV-1)

QC Batch: 75353 Date Analyzed: 2010-11-15 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.967	97	90 - 110	2010-11-15

Standard (ICV-1)

QC Batch: 75397 Date Analyzed: 2010-11-17 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	51.0	50.6	99	90 - 110	2010-11-17
Dissolved Magnesium		mg/L	51.0	50.5	99	90 - 110	2010-11-17
Dissolved Potassium		mg/L	55.0	54.9	100	90 - 110	2010-11-17
Dissolved Sodium		mg/L	51.0	50.5	99	90 - 110	2010-11-17

Standard (CCV-1)

QC Batch: 75397 Date Analyzed: 2010-11-17 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	51.0	49.6	97	90 - 110	2010-11-17
Dissolved Magnesium		mg/L	51.0	51.3	100	90 - 110	2010-11-17
Dissolved Potassium		mg/L	55.0	53.9	98	90 - 110	2010-11-17

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Sodium		mg/L	51.0	52.0	102	90 - 110	2010-11-17

Standard (CCV-1)

QC Batch: 75463 Date Analyzed: 2010-11-17 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00500	0.00500	100	90 - 110	2010-11-17

Standard (CCV-2)

QC Batch: 75463 Date Analyzed: 2010-11-17 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00500	0.00504	101	90 - 110	2010-11-17

Standard (CCV-1)

QC Batch: 75469 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	25.0	24.6	98	90 - 110	2010-11-17
Sulfate		mg/L	25.0	25.9	104	90 - 110	2010-11-17

Standard (CCV-2)

QC Batch: 75469 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	25.0	24.0	96	90 - 110	2010-11-17
Sulfate		mg/L	25.0	26.0	104	90 - 110	2010-11-17

Standard (ICV-1)

QC Batch: 75564 Date Analyzed: 2010-11-22 Analyzed By: CB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0.00	<1.00		-	2010-11-22
Carbonate Alkalinity		mg/L as CaCo3	0.00	220		-	2010-11-22
Bicarbonate Alkalinity		mg/L as CaCo3	0.00	20.0		-	2010-11-22
Total Alkalinity		mg/L as CaCo3	250	240	96	90 - 110	2010-11-22

Standard (CCV-1)

QC Batch: 75564 Date Analyzed: 2010-11-22 Analyzed By: CB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0.00	<1.00		-	2010-11-22
Carbonate Alkalinity		mg/L as CaCo3	0.00	220		-	2010-11-22
Bicarbonate Alkalinity		mg/L as CaCo3	0.00	30.0		-	2010-11-22
Total Alkalinity		mg/L as CaCo3	250	250	100	90 - 110	2010-11-22

Standard (ICV-1)

QC Batch: 75594 Date Analyzed: 2010-11-23 Analyzed By: PG

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1410	1450	103	90 - 110	2010-11-23

Standard (CCV-1)

QC Batch: 75594 Date Analyzed: 2010-11-23 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1410	1400	99	90 - 110	2010-11-23

Standard (CCV-1)

QC Batch: 75612 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrite-N		mg/L	5.00	5.44	109	90 - 110	2010-11-17

Standard (CCV-1)

QC Batch: 75612 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrate-N		mg/L	5.00	5.36	107	90 - 110	2010-11-17

Standard (CCV-1)

QC Batch: 75612 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Fluoride		mg/L	5.00	5.08	102	90 - 110	2010-11-17

Standard (CCV-2)

QC Batch: 75612 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrite-N		mg/L	5.00	5.35	107	90 - 110	2010-11-17

Standard (CCV-2)

QC Batch: 75612 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrate-N		mg/L	5.00	5.08	102	90 - 110	2010-11-17

Standard (CCV-2)

QC Batch: 75612 Date Analyzed: 2010-11-17 Analyzed By: PG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Fluoride		mg/L	5.00	4.94	99	90 - 110	2010-11-17

LAB Order ID # 10111112

COC # NCBW-2

TraceAnalysis, Inc.
email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
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Tel (806) 794-1296
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1 (888) 588-3443

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: KEY ENERGY - CARLSBAD
Phone #: 1-505-715-2809
Address: (Street, City, Zip) 1609 E GREEN CARLSBAD, NM 88221
Fax #:
Contact Person: WAYNE PRICE
E-mail: WAYNEPRICE77@EARTHLINK.NET
Invoice to: (If different from above)
Project #: NCBW-2
Project Name: NEW CALSBAD BRINE WELL (NCBW)
Project Location (including state): MESQUITE BRINE STATION (WELL)
Sampler Signature: [signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
250172	MESQUITE BRINE WATER	3	1000 mL	X					X			X		11-10-10	8:20 AM
	" "	1	500 mL	X					X			X		"	"
	" "	1	500 mL	X							X	X		"	"
	" "	1	1000 mL	X								X		"	"
	" "	1	500 mL	X								X		"	"

ANALYSIS REQUEST
(Circle or Specify Method No.)

Row	MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, Fl, S04, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC	RA 226/228 tu	WQCC METALS	CYNIDE	GENCHEM, SC, PH, TDS, ETC	Turn Around Time if different from standard	Hold
1																				X					
2																					X				
3																						X			
4																							X		
5																							X		

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
WAYNE PRICE	KEY	NOV 10 2010	12:54 PM	Carol Fox	Trace	11-11-10	10:15 Am	INST 8 OBS 1.0 °C COR 1.3 °C
								INST ___ OBS ___ °C COR ___ °C
								INST ___ OBS ___ °C COR ___ °C

LAB USE ONLY
Intact (Y) N
Headspace Y / N / (NA)
Log-in-Review MM

REMARKS: LAT N 32° 22.898
LONG W 104° 09.776
1/2 WEST 6 MI PECOS RIVER DAM
ELEV 3099
PERMITTED BW

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Fed 7940 8942 6763

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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