TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 680-115965-2
Client Project/Site: Gold King Mine - Region 8
Revision: 2

For:
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
2340B-2011	Total Hardness (as CaCO3) by calculation	SM	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
6010C	Metals (ICP)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7471A	Mercury (CVAA)	SW846	TAL SAV
2320B-2011	Alkalinity, Total	SM	TAL SAV
4500 H+ B-2011	pH	SM	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-115965-1	A68_082115	Water	08/21/15 14:10	08/24/15 15:30
680-115965-2	A68-082215	Water	08/22/15 13:45	08/24/15 15:30
680-115965-3	A72_082115	Water	08/21/15 15:25	08/24/15 15:30
680-115965-4	A72_082215	Water	08/22/15 15:15	08/24/15 15:30
680-115965-7	CC03_082115	Water	08/21/15 08:25	08/24/15 15:30
680-115965-15	CC48_082115	Water	08/21/15 13:50	08/24/15 15:30
680-115965-16	CC48_082215	Water	08/22/15 13:20	08/24/15 15:30
680-115965-17	CC48_082215D	Water	08/22/15 13:20	08/24/15 15:30
680-115965-19	GKMSE29_082015	Solid	08/20/15 14:02	08/24/15 15:30
680-115965-20	GKMSE30_082115	Solid	08/21/15 15:10	08/24/15 15:30
680-115965-21	GKMSW01_082215	Water	08/22/15 09:25	08/24/15 15:30
680-115965-22	GKMSW01_082315	Water	08/23/15 09:15	08/24/15 15:30
680-115965-23	GKMSW02_082115	Water	08/21/15 16:50	08/24/15 15:30
680-115965-24	GKMSW02_082215	Water	08/22/15 17:35	08/24/15 15:30
680-115965-25	GKMSW04_082215	Water	08/22/15 11:00	08/24/15 15:30
680-115965-26	GKMSW04_082315	Water	08/23/15 10:05	08/24/15 15:30
680-115965-27	GKMSW04_082315D	Water	08/23/15 10:05	08/24/15 15:30
680-115965-28	GKMSW05_082215	Water	08/22/15 10:15	08/24/15 15:30
680-115965-29	GKMSW05_082315	Water	08/23/15 09:30	08/24/15 15:30
680-115965-30	GKMTW117_082215	Water	08/22/15 16:10	08/24/15 15:30
680-115965-31	GKMTW137_082215	Water	08/22/15 15:00	08/24/15 15:30
680-115965-32	GKMTW148_082215	Water	08/22/15 12:20	08/24/15 15:30
680-115965-33	GKMTW230_082115	Water	08/21/15 17:20	08/24/15 15:30
680-115965-34	GKMTW358_082115	Water	08/21/15 12:10	08/24/15 15:30
680-115965-35	GKMTW361_082115	Water	08/21/15 12:45	08/24/15 15:30
680-115965-36	GKMTW378_082115A	Water	08/21/15 17:45	08/24/15 15:30
680-115965-37	GKMTW378_082115B	Water	08/21/15 17:53	08/24/15 15:30
680-115965-38	GKMTW390_082215	Water	08/22/15 13:00	08/24/15 15:30
680-115965-39	GKMTW395_082215	Water	08/22/15 14:00	08/24/15 15:30
680-115965-40	RBEffluent_082115	Water	08/21/15 12:50	08/24/15 15:30
680-115965-42	TP04_082115	Water	08/21/15 09:45	08/24/15 15:30
680-115965-43	TP04_082215	Water	08/22/15 13:40	08/24/15 15:30

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 680-115965-2

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8

Report Number: 680-115965-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report has been revised to incorporate re-analysis results for the following samples for the 200.7 Total fraction: A68_082115 (680-115965-1), A68_082115 (680-115965-1[DU]), A68_082115 (680-115965-1[MS]), A68_082115 (680-115965-1[MSD]), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), GKMTW117_082215 (680-115965-30), GKMTW137_082215 (680-115965-31), GKMTW148_082215 (680-115965-32), GKMTW230_082115 (680-115965-33), GKMTW358_082115 (680-115965-34), GKMTW378_082115A (680-115965-36) and GKMTW378_082115B (680-115965-37). The results originally provided for these samples were preliminary pending the outcome of any required re-analyses. This report revision constitutes the final results for this Job.

This report has been revised to incorporate re-analysis results for the following samples for the 200.7 Dissolved fraction: A68_082115 (680-115965-1), A68_082115 (680-115965-1[DU]), A68_082115 (680-115965-1[MS]), A68_082115 (680-115965-1[MSD]), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29) and TP04_082215 (680-115965-43). The results originally provided for these samples were preliminary pending the outcome of any required re-analyses. This report revision constitutes the final results for this Job.

REVISION
Added the Dissolved 200.7 MSD results for sample "A68_082115"

This report has been revised to incorporate re-analysis results for the following samples for the 200.7 Total fraction: A68_082115 (680-115965-1), A68_082115 (680-115965-1[DU]), A68_082115 (680-115965-1[MS]), A68_082115 (680-115965-1[MSD]), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), GKMTW117_082215 (680-115965-30), GKMTW137_082215 (680-115965-31), GKMTW148_082215 (680-115965-32), GKMTW230_082115 (680-115965-33), GKMTW358_082115 (680-115965-34), GKMTW378_082115A (680-115965-36) and GKMTW378_082115B (680-115965-37). The results originally provided for these samples were preliminary pending the outcome of any required re-analyses. This report revision constitutes the final results for this Job.

This report has been revised to incorporate re-analysis results for the following samples for the 200.7 Dissolved fraction: A68_082115

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-115965-1), A68_082115 (680-115965-1[DU]), A68_082115 (680-115965-1[MS]), A68_082115 (680-115965-1[MSD]), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29) and TP04_082215 (680-115965-43). The results originally provided for these samples were preliminary pending the outcome of any required re-analyses. This report revision constitutes the final results for this Job.

RECEIPT

The samples were received on 08/24/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.9º C, 3.2º C and 4.0º C.

DISSOLVED METALS (ICP)

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/24/2015 and 08/25/2015 and analyzed on 08/24/2015, 08/25/2015 and 08/26/2015.

Calcium, Dissolved failed the recovery criteria low for the MS of sample A68_082115MS (680-115965-1) in batch 680-397961.

Calcium, Dissolved failed the recovery criteria low for the MS of sample A72_082115MS (680-115965-3) in batch 680-397961.

Calcium, Dissolved failed the recovery criteria high for the MSD of sample A72_082115MSD (680-115965-3) in batch 680-397961.

Several analytes failed the recovery criteria high for the MS of sample CC03_082115MS (680-115965-7) in batch 680-397961.

Several analytes failed the recovery criteria high for the MSD of sample CC03_082115MSD (680-115965-7) in batch 680-397961.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), GKMTW117_082215 (680-115965-30), GKMTW137_082215 (680-115965-31), GKMTW148_082215 (680-115965-32), GKMTW230_082115 (680-115965-33), GKMTW358_082115 (680-115965-34), GKMTW361_082115 (680-115965-35), GKMTW378_082115A (680-115965-36), GKMTW378_082115B (680-115965-37), GKMTW390_082215 (680-115965-38), GKMTW395_082215 (680-115965-39) and TP04_082215 (680-115965-43) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/24/2015 and analyzed on 08/25/2015.

Iron and Iron, Dissolved were detected in method blank MB 680-397816/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Calcium and Calcium, Dissolved were detected in method blank MB 680-397816/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Iron was detected in method blank MB 680-397823/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Calcium was detected in method blank MB 680-397823/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Calcium and Calcium, Dissolved were

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

detected in method blank MB 680-397824/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Calcium failed the recovery criteria low for the MS of sample A68_082115MS (680-115965-1) in batch 680-397961.

Calcium failed the recovery criteria low for the MS of sample GKMSW02_082115MS (680-115965-23) in batch 680-397961.

Calcium failed the recovery criteria low for the MSD of sample GKMSW02_082115MSD (680-115965-23) in batch 680-397961.

Calcium and Calcium, Dissolved failed the recovery criteria high for the MS of sample GKMTW361_082115MS (680-115965-35) in batch 680-397961.

Calcium and Calcium, Dissolved failed the recovery criteria high for the MSD of sample GKMTW361_082115MSD (680-115965-35) in batch 680-397961.

Refer to the QC report for details.

Samples GKMTW378_082115A (680-115965-36)[10X], GKMTW378_082115B (680-115965-37)[10X] and TP04_082215 (680-115965-43) [10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/24/2015 and analyzed on 08/25/2015.

Zinc, Dissolved failed the recovery criteria low for the MS of sample A68_082115MS (680-115965-1) in batch 680-397902.

Zinc, Dissolved failed the recovery criteria low for the MSD of sample A68_082115MSD (680-115965-1) in batch 680-397902.

Manganese, Manganese, Dissolved, Zinc and Zinc, Dissolved failed the recovery criteria high for the MSD of sample A72_082115MSD (680-115965-3) in batch 680-397902.

Copper, Dissolved, Manganese, Dissolved and Zinc, Dissolved failed the recovery criteria high for the MS of sample CC03_082115MS (680-115965-7) in batch 680-397902.

Copper, Dissolved, Manganese, Dissolved and Zinc, Dissolved failed the recovery criteria high for the MSD of sample CC03_082115MSD (680-115965-7) in batch 680-397902.

Cobalt, Cobalt, Dissolved, Lead, Lead, Dissolved, Selenium and Selenium, Dissolved exceeded the RPD limit for the duplicate of sample A68_082115DU (680-115965-1).

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), GKMTW117_082215 (680-115965-30), GKMTW137_082215 (680-115965-31), GKMTW148_082215 (680-115965-32), GKMTW230_082115 (680-115965-33), GKMTW358_082115 (680-115965-34), GKMTW361_082115 (680-115965-35), GKMTW378_082115A (680-115965-36), GKMTW378_082115B (680-115965-37), GKMTW390_082215 (680-115965-38), GKMTW395_082215 (680-115965-39) and TP04_082215 (680-115965-43) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/24/2015 and analyzed on 08/25/2015.

Selenium and Selenium, Dissolved were detected in method blank MB 680-397812/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Selenium was detected in method blank MB 680-397821/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Selenium and Selenium, Dissolved were detected in method blank MB 680-397826/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Copper and Copper, Dissolved were detected in method blank MB 680-397826/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Antimony, Dissolved, Barium, Dissolved, Cadmium, Dissolved, Molybdenum, Dissolved, Selenium, Dissolved and Silver, Dissolved failed the recovery criteria high for LCS 680-397805/2-A. Antimony and Selenium failed the recovery criteria high for LCS 680-397821/2-A. Several analytes failed the recovery criteria high for LCS 680-397826/2-A. .These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Zinc failed the recovery criteria low for the MS of sample A68_082115MS (680-115965-1) in batch 680-397902.

Zinc failed the recovery criteria low for the MSD of sample A68_082115MSD (680-115965-1) in batch 680-397902.

Zinc failed the recovery criteria low for the MS of sample GKMSW02_082115MS (680-115965-23) in batch 680-397902.

Zinc failed the recovery criteria low for the MSD of sample GKMSW02_082115MSD (680-115965-23) in batch 680-397902.

Selenium and Selenium, Dissolved exceeded the RPD limit for the duplicate of sample GKMTW361_082115DU (680-115965-35).

One or more of the following analytes recovered above the linear range of the calibration: Manganese, Copper and Zinc. The data has been qualified as an estimated value and reported: CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42), TP04_082215 (680-115965-43), (680-115965-A-7-B MS), (680-115965-A-7-C MSD), (680-115965-A-10-B MS), (680-115965-A-10-C MS) and (680-115965-A-10-A PD).

One or more Internal standard responses were outside the lower acceptance limits for the following sample: (CCV 680-397902/32). Low internal standard recoveries could possibly bias the results high: (CCV 680-397902/32).

The continuing calibration verification had barium, molybdenum, selenium, and zinc recoveries above upper control limits. Data was flagged and reported: (CCV 680-397902/150)

The continuing calibration verification had selenium recoveries above upper control limits. Data was flagged and reported: (CCV 680-397902/159), (CCV 680-397902/163) and (CCV 680-397902/32).

The continuing calibration blank had hits for selenium above the reporting limit. Data was flagged and reported: (CCB 680-397902/106), (CCB 680-397902/118), (CCB 680-397902/130), (CCB 680-397902/132), (CCB 680-397902/144), (CCB 680-397902/151), (CCB 680-397902/160), (CCB 680-397902/164), (CCB 680-397902/33), (CCB 680-397902/55), (CCB 680-397902/67) and (CCB 680-397902/91).

One or more Internal standard responses were outside the lower acceptance limits for the following samples: CC48_082215D (680-115965-17), GKMTW230_082115 (680-115965-33), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43). Low internal standard recoveries could possibly bias the results high.

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

One or more of the following analytes recovered above the linear range of the calibration: Manganese, Copper and Zinc. The data has been qualified as an estimated value and reported on the following samples: CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42), TP04_082215 (680-115965-43), (680-115965-A-7-B MS), (680-115965-A-7-C MSD), (680-115965-A-10-B MS), (680-115965-A-10-C MS) and (680-115965-A-10-A PD)

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)
Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared and analyzed on 08/24/2015 and 08/25/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY
Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), GKMTW117_082215 (680-115965-30), GKMTW137_082215 (680-115965-31), GKMTW148_082215 (680-115965-32), GKMTW230_082115 (680-115965-33), GKMTW358_082115 (680-115965-34), GKMTW361_082115 (680-115965-35), GKMTW378_082115A (680-115965-36), GKMTW378_082115B (680-115965-37), GKMTW390_082215 (680-115965-38), GKMTW395_082215 (680-115965-39) and TP04_082215 (680-115965-43) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared on 08/24/2015 and analyzed on 08/25/2015.

Mercury failed the recovery criteria high for the MS of sample GKMTW137_082215MS (680-115965-31) in batch 680-397860.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS (ICP)
Samples GKMSE29_082015 (680-115965-19) and GKMSE30_082115 (680-115965-20) were analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 08/24/2015 and analyzed on 08/25/2015.

Aluminum failed the recovery criteria low for the MS of sample GKMSE30_082115MS (680-115965-20) in batch 680-397961. Iron and Magnesium failed the recovery criteria high.

Iron, Calcium and Magnesium failed the recovery criteria high for the MSD of sample GKMSE30_082115MSD (680-115965-20) in batch 680-397961.

Refer to the QC report for details.

Sample GKMSE30_082115 (680-115965-20)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS (ICPMS)
Samples GKMSE29_082015 (680-115965-19) and GKMSE30_082115 (680-115965-20) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared and analyzed on 08/24/2015.

Cobalt, Copper, Zinc and Manganese failed the recovery criteria low for the MS of sample GKMSE30_082115MS (680-115965-20) in batch 680-397832.

Cobalt, Zinc and Manganese failed the recovery criteria low for the MSD of sample GKMSE30_082115MSD (680-115965-20) in batch 680-397832. Barium and Copper failed the recovery criteria high.

The instrument blank for analytical batch 397902 contained selenium greater than the reporting limit (RL).

Refer to the QC report for details.

Sample GKMSE30_082115 (680-115965-20)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY
Samples GKMSE29_082015 (680-115965-19) and GKMSE30_082115 (680-115965-20) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 08/24/2015.

Mercury failed the recovery criteria high for the MS of sample GKMSE29_082015MS (680-115965-19) in batch 680-397827.

Mercury failed the recovery criteria high for the MSD of sample GKMSE29_082015MSD (680-115965-19) in batch 680-397827.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ALKALINITY
Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 08/24/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (28 DAY)
Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for Anions by Ion Chromatography (28 Day) in accordance with EPA Method 300.0. The samples were analyzed on 08/24/2015 and 08/25/2015.

Sulfate failed the recovery criteria low for the MS of sample GKMSW01_082215MS (680-115965-21) in batch 680-397846.

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Sulfate failed the recovery criteria low for the MSD of sample GKMSW01_082215MSD (680-115965-21) in batch 680-397846.

Refer to the QC report for details.

Samples A68_082115 (680-115965-1)[4X], A68-082215 (680-115965-2)[5X], A72_082115 (680-115965-3)[4X], A72_082215 (680-115965-4)[4X], CC03_082115 (680-115965-7)[2X], CC03_082115 (680-115965-7)[40X], CC48_082115 (680-115965-15)[25X], CC48_082215 (680-115965-16)[25X], CC48_082215D (680-115965-17)[25X], GKMSW01_082215 (680-115965-21)[4X], GKMSW01_082315 (680-115965-22)[5X], GKMSW02_082115 (680-115965-23)[4X], GKMSW02_082215 (680-115965-24)[4X], GKMSW04_082215 (680-115965-25)[4X], GKMSW04_082315 (680-115965-26)[5X], GKMSW04_082315D (680-115965-27)[5X], GKMSW05_082215 (680-115965-28)[4X], GKMSW05_082315 (680-115965-29)[5X], RBEffluent_082115 (680-115965-40)[50X], TP04_082115 (680-115965-42)[50X] and TP04_082215 (680-115965-43)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (48 HOUR)

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for Anions by Ion Chromatography (48 Hour) in accordance with EPA Method 300.0. The samples were analyzed on 08/24/2015 and 08/25/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS/MOISTURE

Samples GKMSE29_082015 (680-115965-19) and GKMSE30_082115 (680-115965-20) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 08/25/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL HARDNESS (AS CACO3) BY CALCULATION

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), GKMTW117_082215 (680-115965-30), GKMTW137_082215 (680-115965-31), GKMTW148_082215 (680-115965-32), GKMTW230_082115 (680-115965-33), GKMTW358_082115 (680-115965-34), GKMTW361_082115 (680-115965-35), GKMTW378_082115A (680-115965-36), GKMTW378_082115B (680-115965-37), GKMTW390_082215 (680-115965-38), GKMTW395_082215 (680-115965-39) and TP04_082215 (680-115965-43) were analyzed for total hardness (as CaCO3) by calculation in accordance with SM 2340B. The samples were analyzed on 08/25/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

CORROSIVITY (PH)

Samples A68_082115 (680-115965-1), A68-082215 (680-115965-2), A72_082115 (680-115965-3), A72_082215 (680-115965-4), CC03_082115 (680-115965-7), CC48_082115 (680-115965-15), CC48_082215 (680-115965-16), CC48_082215D (680-115965-17), GKMSW01_082215 (680-115965-21), GKMSW01_082315 (680-115965-22), GKMSW02_082115 (680-115965-23), GKMSW02_082215 (680-115965-24), GKMSW04_082215 (680-115965-25), GKMSW04_082315 (680-115965-26), GKMSW04_082315D (680-115965-27), GKMSW05_082215 (680-115965-28), GKMSW05_082315 (680-115965-29), RBEffluent_082115 (680-115965-40), TP04_082115 (680-115965-42) and TP04_082215 (680-115965-43) were analyzed for corrosivity (pH) in accordance with SM 4500 H+ B. The samples were analyzed on 08/24/2015.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. This sample(s) was performed in

Job ID: 680-115965-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

the laboratory outside the 15 minute timeframe.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A68_082115

Date Collected: 08/21/15 14:10
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-1

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.48	J	0.50	0.20	mg/L			08/24/15 20:11	1
Nitrate as N	0.051	H	0.050	0.023	mg/L			08/24/15 21:58	1
Fluoride	0.57		0.10	0.040	mg/L			08/24/15 20:11	1
Sulfate	92		4.0	1.6	mg/L			08/25/15 05:25	4

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	71	J	200	24	ug/L		08/24/15 18:49	08/25/15 03:55	1
Calcium	48000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:55	1
Iron	190	B	50	17	ug/L		08/24/15 18:49	08/25/15 18:10	1
Magnesium	2900		500	33	ug/L		08/24/15 18:49	08/25/15 03:55	1
Potassium	650	J	1000	17	ug/L		08/24/15 18:49	08/25/15 03:55	1
Sodium	2100		1000	480	ug/L		08/24/15 18:49	08/25/15 03:55	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	46	J	200	24	ug/L		08/24/15 17:49	08/25/15 00:45	1
Calcium, Dissolved	50000	B	500	25	ug/L		08/24/15 17:49	08/25/15 00:45	1
Iron, Dissolved	18	J	50	17	ug/L		08/24/15 17:49	08/25/15 19:47	1
Magnesium, Dissolved	2900		500	33	ug/L		08/24/15 17:49	08/25/15 00:45	1
Potassium, Dissolved	670	J	1000	17	ug/L		08/24/15 17:49	08/25/15 00:45	1
Sodium, Dissolved	2100		1000	480	ug/L		08/24/15 17:49	08/25/15 00:45	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:39	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:39	1
Barium	26		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:39	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:39	1
Cadmium	0.86		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:39	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:39	1
Cobalt	0.49		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:39	1
Copper	5.8		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:39	1
Lead	1.8		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:39	1
Manganese	930		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:39	1
Molybdenum	2.0		1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:39	1
Nickel	0.97	J	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:39	1
Selenium	3.9	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:39	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:39	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:39	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:39	1
Zinc	260		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:39	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 03:59	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 03:59	1
Barium, Dissolved	25		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 03:59	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 03:59	1
Cadmium, Dissolved	0.73		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 03:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A68_082115

Lab Sample ID: 680-115965-1
Date Collected: 08/21/15 14:10
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 03:59	1
Cobalt, Dissolved	**2.0**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 03:59	1
Copper, Dissolved	**2.9**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 03:59	1
Lead, Dissolved	**0.11**	**J**	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 03:59	1
Manganese, Dissolved	**940**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 03:59	1
Molybdenum, Dissolved	**2.0**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 03:59	1
Nickel, Dissolved	**1.2**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 03:59	1
Selenium, Dissolved	**5.4**	**B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 03:59	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 03:59	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 03:59	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 03:59	1
Zinc, Dissolved	**240**		20	2.8	ug/L		08/24/15 17:40	08/25/15 03:59	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**130**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:06	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:26	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.63**	**HF**			SU			08/24/15 18:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	**33**		5.0	5.0	mg/L			08/24/15 18:19	1

Client Sample ID: A68-082215

Lab Sample ID: 680-115965-2
Date Collected: 08/22/15 13:45
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.47**	**J**	0.50	0.20	mg/L			08/24/15 21:12	1
Nitrate as N	**0.050**	**H**	0.050	0.023	mg/L			08/24/15 20:26	1
Fluoride	**0.46**		0.10	0.040	mg/L			08/24/15 21:12	1
Sulfate	**96**		5.0	2.0	mg/L			08/25/15 11:41	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**68**	**J**	200	24	ug/L		08/24/15 18:49	08/25/15 03:52	1
Calcium	**48000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 03:52	1
Iron	**170**	**B**	50	17	ug/L		08/24/15 18:49	08/25/15 18:06	1
Magnesium	**2800**		500	33	ug/L		08/24/15 18:49	08/25/15 03:52	1
Potassium	**640**	**J**	1000	17	ug/L		08/24/15 18:49	08/25/15 03:52	1
Sodium	**2000**		1000	480	ug/L		08/24/15 18:49	08/25/15 03:52	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A68-082215

Date Collected: 08/22/15 13:45
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-2

Matrix: Water

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	**42**	**J**	200	24	ug/L		08/24/15 17:49	08/25/15 02:29	1
Calcium, Dissolved	**48000**	**B**	500	25	ug/L		08/24/15 17:49	08/25/15 02:29	1
Iron, Dissolved	**18**	**J**	50	17	ug/L		08/24/15 17:49	08/25/15 21:42	1
Magnesium, Dissolved	**2800**		500	33	ug/L		08/24/15 17:49	08/25/15 02:29	1
Potassium, Dissolved	**640**	**J**	1000	17	ug/L		08/24/15 17:49	08/25/15 02:29	1
Sodium, Dissolved	**2000**		1000	480	ug/L		08/24/15 17:49	08/25/15 02:29	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:35	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:35	1
Barium	**26**		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:35	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:35	1
Cadmium	**0.89**		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:35	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:35	1
Cobalt	**0.46**		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:35	1
Copper	**4.8**		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:35	1
Lead	**1.7**		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:35	1
Manganese	**900**		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:35	1
Molybdenum	**1.9**		1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:35	1
Nickel	**0.92**	**J**	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:35	1
Selenium	**4.0**	**B * ^**	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:35	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:35	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:35	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:35	1
Zinc	**250**		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:35	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:45	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:45	1
Barium, Dissolved	**24**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:45	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:45	1
Cadmium, Dissolved	**0.78**		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:45	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:45	1
Cobalt, Dissolved	**1.8**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:45	1
Copper, Dissolved	**2.4**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:45	1
Lead, Dissolved	**0.11**	**J**	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:45	1
Manganese, Dissolved	**850**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:45	1
Molybdenum, Dissolved	**1.8**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:45	1
Nickel, Dissolved	**1.1**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:45	1
Selenium, Dissolved	**1.3**	**J B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:45	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:45	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:45	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:45	1
Zinc, Dissolved	**220**		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:45	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**130**		3.3	3.3	mg/L			08/25/15 14:17	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A68-082215

Lab Sample ID: 680-115965-2
Date Collected: 08/22/15 13:45
Matrix: Water
Date Received: 08/24/15 15:30

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:18	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:33	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.67	HF			SU			08/24/15 18:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	33		5.0	5.0	mg/L			08/24/15 18:33	1

Client Sample ID: A72_082115

Lab Sample ID: 680-115965-3
Date Collected: 08/21/15 15:25
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.83		0.50	0.20	mg/L			08/24/15 20:02	1
Nitrate as N	0.060	H	0.050	0.023	mg/L			08/24/15 23:00	1
Fluoride	1.1		0.10	0.040	mg/L			08/24/15 20:02	1
Sulfate	190		4.0	1.6	mg/L			08/25/15 04:54	4

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1700		200	24	ug/L		08/24/15 18:49	08/25/15 03:48	1
Calcium	68000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:48	1
Iron	2700	B	50	17	ug/L		08/24/15 18:49	08/25/15 18:00	1
Magnesium	4700		500	33	ug/L		08/24/15 18:49	08/25/15 03:48	1
Potassium	870	J	1000	17	ug/L		08/24/15 18:49	08/25/15 03:48	1
Sodium	3000		1000	480	ug/L		08/24/15 18:49	08/25/15 03:48	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	1900		200	24	ug/L		08/24/15 17:49	08/25/15 01:00	1
Calcium, Dissolved	68000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:00	1
Iron, Dissolved	3000		50	17	ug/L		08/24/15 17:49	08/25/15 20:05	1
Magnesium, Dissolved	4500		500	33	ug/L		08/24/15 17:49	08/25/15 01:00	1
Potassium, Dissolved	840	J	1000	17	ug/L		08/24/15 17:49	08/25/15 01:00	1
Sodium, Dissolved	3000		1000	480	ug/L		08/24/15 17:49	08/25/15 01:00	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:31	1
Arsenic	0.75	J	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:31	1
Barium	25		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:31	1
Beryllium	0.30	J	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:31	1
Cadmium	1.9		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:31	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:31	1
Cobalt	6.4		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:31	1
Copper	49		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:31	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A72_082115

Date Collected: 08/21/15 15:25
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.4		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:31	1
Manganese	1200		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:31	1
Molybdenum	0.98	J	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:31	1
Nickel	4.1		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:31	1
Selenium	3.2	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:31	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:31	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:31	1
Vanadium	0.58	J	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:31	1
Zinc	570		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:31	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:31	1
Arsenic, Dissolved	1.0		1.0	0.37	ug/L		08/24/15 17:40	08/25/15 04:31	1
Barium, Dissolved	24		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 04:31	1
Beryllium, Dissolved	0.30	J	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 04:31	1
Cadmium, Dissolved	1.8		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 04:31	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 04:31	1
Cobalt, Dissolved	6.2		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 04:31	1
Copper, Dissolved	54		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 04:31	1
Lead, Dissolved	7.2		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 04:31	1
Manganese, Dissolved	1200		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 04:31	1
Molybdenum, Dissolved	1.1		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 04:31	1
Nickel, Dissolved	4.0		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:31	1
Selenium, Dissolved	2.1	B ^	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 04:31	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 04:31	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 04:31	1
Vanadium, Dissolved	0.71	J	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 04:31	1
Zinc, Dissolved	570		20	2.8	ug/L		08/24/15 17:40	08/25/15 04:31	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:27	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:44	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.73	HF			SU			08/24/15 18:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	6.9		5.0	5.0	mg/L			08/24/15 18:40	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A72_082215

Date Collected: 08/22/15 15:15
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.85		0.50	0.20	mg/L			08/24/15 20:17	1
Nitrate as N	0.062	H	0.050	0.023	mg/L			08/24/15 23:16	1
Fluoride	0.61		0.10	0.040	mg/L			08/24/15 20:17	1
Sulfate	180		4.0	1.6	mg/L			08/25/15 05:10	4

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	J	200	24	ug/L		08/24/15 18:49	08/25/15 03:36	1
Calcium	72000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:36	1
Iron	570	B	50	17	ug/L		08/24/15 18:49	08/25/15 17:55	1
Magnesium	4900		500	33	ug/L		08/24/15 18:49	08/25/15 03:36	1
Potassium	910	J	1000	17	ug/L		08/24/15 18:49	08/25/15 03:36	1
Sodium	3100		1000	480	ug/L		08/24/15 18:49	08/25/15 03:36	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	2500		200	24	ug/L		08/24/15 17:49	08/25/15 02:16	1
Calcium, Dissolved	71000	B	500	25	ug/L		08/24/15 17:49	08/25/15 02:16	1
Iron, Dissolved	4600		50	17	ug/L		08/24/15 17:49	08/25/15 21:33	1
Magnesium, Dissolved	5000		500	33	ug/L		08/24/15 17:49	08/25/15 02:16	1
Potassium, Dissolved	1000		1000	17	ug/L		08/24/15 17:49	08/25/15 02:16	1
Sodium, Dissolved	3100		1000	480	ug/L		08/24/15 17:49	08/25/15 02:16	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:27	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:27	1
Barium	25		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:27	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:27	1
Cadmium	1.9		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:27	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:27	1
Cobalt	8.5		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:27	1
Copper	14		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:27	1
Lead	0.060	U	0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:27	1
Manganese	1400		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:27	1
Molybdenum	0.72	J	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:27	1
Nickel	4.6		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:27	1
Selenium	4.4	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:27	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:27	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:27	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:27	1
Zinc	610		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:27	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:36	1
Arsenic, Dissolved	2.1		1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:36	1
Barium, Dissolved	30		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:36	1
Beryllium, Dissolved	0.38	J	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:36	1
Cadmium, Dissolved	2.1		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:36	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A72_082215

Lab Sample ID: 680-115965-4
Date Collected: 08/22/15 15:15
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:36	1
Cobalt, Dissolved	**7.0**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:36	1
Copper, Dissolved	**65**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:36	1
Lead, Dissolved	**26**		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:36	1
Manganese, Dissolved	**1400**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:36	1
Molybdenum, Dissolved	**1.2**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:36	1
Nickel, Dissolved	**4.6**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:36	1
Selenium, Dissolved	**1.8**	**J B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:36	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:36	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:36	1
Vanadium, Dissolved	**1.9**		1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:36	1
Zinc, Dissolved	**640**		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:36	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**200**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:30	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:27	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**6.69**	**HF**			SU			08/24/15 18:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	**5.9**		5.0	5.0	mg/L			08/24/15 18:47	1

Client Sample ID: CC03_082115

Lab Sample ID: 680-115965-7
Date Collected: 08/21/15 08:25
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.37**	**J**	0.50	0.20	mg/L			08/24/15 20:31	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			08/24/15 23:46	1
Fluoride	**11**		0.20	0.080	mg/L			08/24/15 23:02	2
Sulfate	**1800**		40	16	mg/L			08/24/15 22:47	40

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	**30000**		200	24	ug/L		08/24/15 17:14	08/24/15 22:45	1
Calcium, Dissolved	**370000**	**B**	5000	250	ug/L		08/25/15 14:48	08/26/15 11:15	10
Iron, Dissolved	**100000**		50	17	ug/L		08/24/15 17:14	08/24/15 22:45	1
Magnesium, Dissolved	**26000**		5000	330	ug/L		08/24/15 17:14	08/25/15 07:23	10
Potassium, Dissolved	**2300**	**F1**	1000	17	ug/L		08/24/15 17:14	08/24/15 22:45	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/24/15 17:14	08/24/15 22:45	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC03_082115

Lab Sample ID: 680-115965-7
Date Collected: 08/21/15 08:25
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.67	J *	1.0	0.40	ug/L		08/24/15 17:08	08/25/15 01:54	1
Arsenic, Dissolved	6.4		1.0	0.37	ug/L		08/24/15 17:08	08/25/15 01:54	1
Barium, Dissolved	9.4	*	2.0	0.14	ug/L		08/24/15 17:08	08/25/15 01:54	1
Beryllium, Dissolved	10		0.40	0.15	ug/L		08/24/15 17:08	08/25/15 01:54	1
Cadmium, Dissolved	79	*	0.50	0.043	ug/L		08/24/15 17:08	08/25/15 01:54	1
Chromium, Dissolved	2.7		2.0	1.0	ug/L		08/24/15 17:08	08/25/15 01:54	1
Cobalt, Dissolved	110		0.40	0.12	ug/L		08/24/15 17:08	08/25/15 01:54	1
Copper, Dissolved	5800	E	1.0	0.50	ug/L		08/24/15 17:08	08/25/15 01:54	1
Lead, Dissolved	28		0.30	0.060	ug/L		08/24/15 17:08	08/25/15 01:54	1
Manganese, Dissolved	34000	E	2.5	1.2	ug/L		08/24/15 17:08	08/25/15 01:54	1
Molybdenum, Dissolved	1.2	*	1.0	0.45	ug/L		08/24/15 17:08	08/25/15 01:54	1
Nickel, Dissolved	63		1.0	0.40	ug/L		08/24/15 17:08	08/25/15 01:54	1
Selenium, Dissolved	11	^ *	2.0	0.58	ug/L		08/24/15 17:08	08/25/15 01:54	1
Silver, Dissolved	0.10	U *	1.0	0.10	ug/L		08/24/15 17:08	08/25/15 01:54	1
Thallium, Dissolved	0.29		0.20	0.10	ug/L		08/24/15 17:08	08/25/15 01:54	1
Vanadium, Dissolved	2.6		1.0	0.30	ug/L		08/24/15 17:08	08/25/15 01:54	1
Zinc, Dissolved	24000	E	20	2.8	ug/L		08/24/15 17:08	08/25/15 01:54	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/25/15 09:01	08/25/15 12:06	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.06	HF			SU			08/24/15 18:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 18:56	1

Client Sample ID: CC48_082115

Lab Sample ID: 680-115965-15
Date Collected: 08/21/15 13:50
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.33	J	0.50	0.20	mg/L			08/24/15 19:07	1
Nitrate as N	0.031	J H	0.050	0.023	mg/L			08/25/15 02:51	1
Fluoride	2.2		0.10	0.040	mg/L			08/24/15 19:07	1
Sulfate	610		25	10	mg/L			08/25/15 09:35	25

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		200	24	ug/L		08/24/15 18:49	08/25/15 03:33	1
Calcium	170000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:33	1
Iron	6600	B	50	17	ug/L		08/24/15 18:49	08/25/15 17:42	1
Magnesium	10000		500	33	ug/L		08/24/15 18:49	08/25/15 03:33	1
Potassium	1900		1000	17	ug/L		08/24/15 18:49	08/25/15 03:33	1
Sodium	6000		1000	480	ug/L		08/24/15 18:49	08/25/15 03:33	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082115

Date Collected: 08/21/15 13:50
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-15

Matrix: Water

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	7500		200	24	ug/L		08/24/15 17:49	08/25/15 02:12	1
Calcium, Dissolved	170000	B	500	25	ug/L		08/24/15 17:49	08/25/15 02:12	1
Iron, Dissolved	14000		50	17	ug/L		08/24/15 17:49	08/25/15 21:29	1
Magnesium, Dissolved	9900		500	33	ug/L		08/24/15 17:49	08/25/15 02:12	1
Potassium, Dissolved	1900		1000	17	ug/L		08/24/15 17:49	08/25/15 02:12	1
Sodium, Dissolved	6000		1000	480	ug/L		08/24/15 17:49	08/25/15 02:12	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:23	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:23	1
Barium	15		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:23	1
Beryllium	1.6		0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:23	1
Cadmium	8.7		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:23	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:23	1
Cobalt	28		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:23	1
Copper	340		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:23	1
Lead	30		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:23	1
Manganese	5600	E	2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:23	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:23	1
Nickel	17		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:23	1
Selenium	7.1	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:23	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:23	1
Thallium	0.19	J	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:23	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:23	1
Zinc	3000		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:23	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:32	1
Arsenic, Dissolved	7.5		1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:32	1
Barium, Dissolved	17		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:32	1
Beryllium, Dissolved	1.7		0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:32	1
Cadmium, Dissolved	8.8		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:32	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:32	1
Cobalt, Dissolved	25		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:32	1
Copper, Dissolved	340		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:32	1
Lead, Dissolved	49		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:32	1
Manganese, Dissolved	5600	E	2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:32	1
Molybdenum, Dissolved	0.78	J	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:32	1
Nickel, Dissolved	17		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:32	1
Selenium, Dissolved	2.4	B ^	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:32	1
Silver, Dissolved	0.12	J	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:32	1
Thallium, Dissolved	0.21		0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:32	1
Vanadium, Dissolved	4.8		1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:32	1
Zinc, Dissolved	2900		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:32	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	470		3.3	3.3	mg/L			08/25/15 14:17	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082115

Lab Sample ID: 680-115965-15
Date Collected: 08/21/15 13:50
Matrix: Water
Date Received: 08/24/15 15:30

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:33	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:24	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.40	HF			SU			08/24/15 19:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 19:45	1

Client Sample ID: CC48_082215

Lab Sample ID: 680-115965-16
Date Collected: 08/22/15 13:20
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.30	J	0.50	0.20	mg/L			08/24/15 19:23	1
Nitrate as N	0.029	J H	0.050	0.023	mg/L			08/25/15 03:07	1
Fluoride	2.4		0.10	0.040	mg/L			08/24/15 19:23	1
Sulfate	630		25	10	mg/L			08/25/15 09:50	25

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7500		200	24	ug/L		08/24/15 18:49	08/25/15 03:29	1
Calcium	170000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:29	1
Iron	13000	B	50	17	ug/L		08/24/15 18:49	08/25/15 17:38	1
Magnesium	10000		500	33	ug/L		08/24/15 18:49	08/25/15 03:29	1
Potassium	1900		1000	17	ug/L		08/24/15 18:49	08/25/15 03:29	1
Sodium	5500		1000	480	ug/L		08/24/15 18:49	08/25/15 03:29	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	7400		200	24	ug/L		08/24/15 17:49	08/25/15 01:38	1
Calcium, Dissolved	170000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:38	1
Iron, Dissolved	6800		50	17	ug/L		08/24/15 17:49	08/25/15 20:49	1
Magnesium, Dissolved	10000		500	33	ug/L		08/24/15 17:49	08/25/15 01:38	1
Potassium, Dissolved	1900		1000	17	ug/L		08/24/15 17:49	08/25/15 01:38	1
Sodium, Dissolved	5600		1000	480	ug/L		08/24/15 17:49	08/25/15 01:38	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:18	1
Arsenic	5.8		1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:18	1
Barium	15		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:18	1
Beryllium	1.7		0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:18	1
Cadmium	9.2		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:18	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:18	1
Cobalt	27		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:18	1
Copper	380		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:18	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082215

Date Collected: 08/22/15 13:20
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-16

Matrix: Water

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	30		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:18	1
Manganese	5900	E	2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:18	1
Molybdenum	0.59	J	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:18	1
Nickel	17		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:18	1
Selenium	9.4	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:18	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:18	1
Thallium	0.21		0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:18	1
Vanadium	3.8		1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:18	1
Zinc	3200		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:18	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:55	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 04:55	1
Barium, Dissolved	14		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 04:55	1
Beryllium, Dissolved	1.7		0.40	0.15	ug/L		08/24/15 17:40	08/25/15 04:55	1
Cadmium, Dissolved	9.5		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 04:55	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 04:55	1
Cobalt, Dissolved	28		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 04:55	1
Copper, Dissolved	370		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 04:55	1
Lead, Dissolved	25		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 04:55	1
Manganese, Dissolved	6000	E	2.5	1.2	ug/L		08/24/15 17:40	08/25/15 04:55	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 04:55	1
Nickel, Dissolved	18		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:55	1
Selenium, Dissolved	1.9	J B ^	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 04:55	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 04:55	1
Thallium, Dissolved	0.19	J	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 04:55	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 04:55	1
Zinc, Dissolved	3200		20	2.8	ug/L		08/24/15 17:40	08/25/15 04:55	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	470		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:36	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:56	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.39	HF			SU			08/24/15 19:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 19:49	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082215D

Date Collected: 08/22/15 13:20
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-17

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.30	J	0.50	0.20	mg/L			08/24/15 19:38	1
Nitrate as N	0.030	J H	0.050	0.023	mg/L			08/25/15 03:22	1
Fluoride	2.3		0.10	0.040	mg/L			08/24/15 19:38	1
Sulfate	630		25	10	mg/L			08/25/15 10:06	25

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100		200	24	ug/L		08/24/15 18:49	08/25/15 03:25	1
Calcium	170000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:25	1
Iron	6700	B	50	17	ug/L		08/24/15 18:49	08/25/15 17:33	1
Magnesium	10000		500	33	ug/L		08/24/15 18:49	08/25/15 03:25	1
Potassium	1800		1000	17	ug/L		08/24/15 18:49	08/25/15 03:25	1
Sodium	5400		1000	480	ug/L		08/24/15 18:49	08/25/15 03:25	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	7900		200	24	ug/L		08/24/15 17:49	08/25/15 01:27	1
Calcium, Dissolved	180000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:27	1
Iron, Dissolved	14000		50	17	ug/L		08/24/15 17:49	08/25/15 20:36	1
Magnesium, Dissolved	11000		500	33	ug/L		08/24/15 17:49	08/25/15 01:27	1
Potassium, Dissolved	2000		1000	17	ug/L		08/24/15 17:49	08/25/15 01:27	1
Sodium, Dissolved	5800		1000	480	ug/L		08/24/15 17:49	08/25/15 01:27	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:14	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:14	1
Barium	14		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:14	1
Beryllium	1.6		0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:14	1
Cadmium	9.3		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:14	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:14	1
Cobalt	28		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:14	1
Copper	370		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:14	1
Lead	24		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:14	1
Manganese	5800	E	2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:14	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:14	1
Nickel	17		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:14	1
Selenium	6.7	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:14	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:14	1
Thallium	0.19	J	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:14	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:14	1
Zinc	3100		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:14	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:43	1
Arsenic, Dissolved	6.5		1.0	0.37	ug/L		08/24/15 17:40	08/25/15 04:43	1
Barium, Dissolved	15		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 04:43	1
Beryllium, Dissolved	1.8		0.40	0.15	ug/L		08/24/15 17:40	08/25/15 04:43	1
Cadmium, Dissolved	10		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 04:43	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082215D

Lab Sample ID: 680-115965-17
Date Collected: 08/22/15 13:20
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 04:43	1
Cobalt, Dissolved	**30**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 04:43	1
Copper, Dissolved	**400**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 04:43	1
Lead, Dissolved	**31**		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 04:43	1
Manganese, Dissolved	**6400**	**E**	2.5	1.2	ug/L		08/24/15 17:40	08/25/15 04:43	1
Molybdenum, Dissolved	**0.74**	**J**	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 04:43	1
Nickel, Dissolved	**19**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:43	1
Selenium, Dissolved	**3.9**	**B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 04:43	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 04:43	1
Thallium, Dissolved	**0.21**		0.20	0.10	ug/L		08/24/15 17:40	08/25/15 04:43	1
Vanadium, Dissolved	**4.0**		1.0	0.30	ug/L		08/24/15 17:40	08/25/15 04:43	1
Zinc, Dissolved	**3400**		20	2.8	ug/L		08/24/15 17:40	08/25/15 04:43	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**460**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:39	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:47	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**3.39**	**HF**			SU			08/24/15 19:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 19:53	1

Client Sample ID: GKMSE29_082015

Lab Sample ID: 680-115965-19
Date Collected: 08/20/15 14:02
Matrix: Solid
Date Received: 08/24/15 15:30
Percent Solids: 28.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18000**		70	11	mg/Kg	☼	08/24/15 17:29	08/25/15 06:52	1
Calcium	**6800**		170	18	mg/Kg	☼	08/24/15 17:29	08/25/15 06:52	1
Iron	**67000**		70	19	mg/Kg	☼	08/24/15 17:29	08/25/15 06:52	1
Magnesium	**6600**		170	31	mg/Kg	☼	08/24/15 17:29	08/25/15 06:52	1
Potassium	**3000**		350	8.7	mg/Kg	☼	08/24/15 17:29	08/25/15 06:52	1
Sodium	170	U	700	170	mg/Kg	☼	08/24/15 17:29	08/25/15 06:52	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**5.0**		3.5	0.35	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Arsenic	**55**		1.0	0.35	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Barium	**230**		1.7	0.21	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Beryllium	**2.4**		0.17	0.052	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Cadmium	**6.5**		0.17	0.052	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSE29_082015

Lab Sample ID: 680-115965-19
Date Collected: 08/20/15 14:02
Matrix: Solid
Date Received: 08/24/15 15:30
Percent Solids: 28.6

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	19		3.5	0.38	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Cobalt	23		0.17	0.035	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Copper	300		1.7	0.45	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Lead	1000		0.70	0.17	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Manganese	3400		3.5	0.42	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Molybdenum	13		3.5	0.28	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Nickel	22		3.5	0.91	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Selenium	20		1.7	0.35	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Silver	7.5		0.35	0.035	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Thallium	0.55		0.35	0.17	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Vanadium	55		1.7	0.94	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1
Zinc	1800		7.0	3.5	mg/Kg	☼	08/24/15 17:32	08/24/15 22:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	F1	0.062	0.025	mg/Kg	☼	08/24/15 17:09	08/24/15 19:17	1

Client Sample ID: GKMSE30_082115

Lab Sample ID: 680-115965-20
Date Collected: 08/21/15 15:10
Matrix: Solid
Date Received: 08/24/15 15:30
Percent Solids: 90.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9100		21	3.3	mg/Kg	☼	08/24/15 17:29	08/25/15 06:26	1
Calcium	4500	F1	530	55	mg/Kg	☼	08/24/15 17:29	08/25/15 10:32	10
Iron	28000		21	5.6	mg/Kg	☼	08/24/15 17:29	08/25/15 06:26	1
Magnesium	4800	F1	530	94	mg/Kg	☼	08/24/15 17:29	08/25/15 10:32	10
Potassium	1100		110	2.6	mg/Kg	☼	08/24/15 17:29	08/25/15 06:26	1
Sodium	510	U F1	2100	510	mg/Kg	☼	08/24/15 17:29	08/25/15 10:32	10

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.8		1.1	0.11	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Arsenic	20		0.32	0.11	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Barium	140		0.53	0.064	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Beryllium	1.0		0.053	0.016	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Cadmium	4.6		0.053	0.016	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Chromium	8.4		1.1	0.12	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Cobalt	23		0.053	0.011	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Copper	110		0.53	0.14	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Lead	300		0.21	0.053	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Manganese	3400		11	1.3	mg/Kg	☼	08/24/15 17:32	08/24/15 22:56	10
Molybdenum	4.6		1.1	0.085	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Nickel	14		1.1	0.28	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Selenium	8.0		0.53	0.11	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Silver	1.1		0.11	0.011	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Thallium	0.24		0.11	0.053	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Vanadium	26		0.53	0.29	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1
Zinc	1300		2.1	1.1	mg/Kg	☼	08/24/15 17:32	08/24/15 21:57	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSE30_082115

Lab Sample ID: 680-115965-20
Date Collected: 08/21/15 15:10
Matrix: Solid
Date Received: 08/24/15 15:30
Percent Solids: 90.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.020	0.0079	mg/Kg	☼	08/24/15 17:09	08/24/15 19:26	1

Client Sample ID: GKMSW01_082215

Lab Sample ID: 680-115965-21
Date Collected: 08/22/15 09:25
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22		0.50	0.20	mg/L			08/24/15 20:46	1
Nitrate as N	0.059	H	0.050	0.023	mg/L			08/25/15 04:39	1
Fluoride	0.62		0.10	0.040	mg/L			08/24/15 20:46	1
Sulfate	130	F1	4.0	1.6	mg/L			08/24/15 23:16	4

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	60	J	200	24	ug/L		08/24/15 18:49	08/25/15 03:21	1
Calcium	76000	B	500	25	ug/L		08/24/15 18:49	08/25/15 03:21	1
Iron	230	B	50	17	ug/L		08/24/15 18:49	08/25/15 17:27	1
Magnesium	11000		500	33	ug/L		08/24/15 18:49	08/25/15 03:21	1
Potassium	3800		1000	17	ug/L		08/24/15 18:49	08/25/15 03:21	1
Sodium	21000		1000	480	ug/L		08/24/15 18:49	08/25/15 03:21	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 02:19	1
Calcium, Dissolved	79000	B	500	25	ug/L		08/24/15 17:49	08/25/15 02:19	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 21:38	1
Magnesium, Dissolved	11000		500	33	ug/L		08/24/15 17:49	08/25/15 02:19	1
Potassium, Dissolved	4000		1000	17	ug/L		08/24/15 17:49	08/25/15 02:19	1
Sodium, Dissolved	22000		1000	480	ug/L		08/24/15 17:49	08/25/15 02:19	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:10	1
Arsenic	0.48	J	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 07:10	1
Barium	62		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 07:10	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 07:10	1
Cadmium	0.16	J	0.50	0.043	ug/L		08/24/15 18:39	08/25/15 07:10	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 07:10	1
Cobalt	0.25	J	0.40	0.12	ug/L		08/24/15 18:39	08/25/15 07:10	1
Copper	3.1		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 07:10	1
Lead	2.7		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 07:10	1
Manganese	82		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 07:10	1
Molybdenum	1.2		1.0	0.45	ug/L		08/24/15 18:39	08/25/15 07:10	1
Nickel	0.99	J	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 07:10	1
Selenium	3.8	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 07:10	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 07:10	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 07:10	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 07:10	1
Zinc	49		20	2.8	ug/L		08/24/15 18:39	08/25/15 07:10	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW01_082215

Lab Sample ID: 680-115965-21

Date Collected: 08/22/15 09:25
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:40	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:40	1
Barium, Dissolved	**63**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:40	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:40	1
Cadmium, Dissolved	**0.059**	**J**	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:40	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:40	1
Cobalt, Dissolved	**0.75**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:40	1
Copper, Dissolved	**1.6**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:40	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:40	1
Manganese, Dissolved	**54**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:40	1
Molybdenum, Dissolved	**1.2**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:40	1
Nickel, Dissolved	**1.3**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:40	1
Selenium, Dissolved	**1.9**	**J B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:40	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:40	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:40	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:40	1
Zinc, Dissolved	**25**		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:40	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**240**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:43	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:30	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.10**	**HF**			SU			08/24/15 20:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	**120**		5.0	5.0	mg/L			08/24/15 20:05	1

Client Sample ID: GKMSW01_082315

Lab Sample ID: 680-115965-22

Date Collected: 08/23/15 09:15
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23**		0.50	0.20	mg/L			08/24/15 19:54	1
Nitrate as N	**0.067**		0.050	0.023	mg/L			08/24/15 18:54	1
Fluoride	**0.43**		0.10	0.040	mg/L			08/24/15 19:54	1
Sulfate	**120**		5.0	2.0	mg/L			08/25/15 10:21	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**61**	**J**	200	24	ug/L		08/24/15 18:49	08/25/15 03:18	1
Calcium	**77000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 03:18	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW01_082315

Lab Sample ID: 680-115965-22

Date Collected: 08/23/15 09:15
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	240	B	50	17	ug/L		08/24/15 18:49	08/25/15 17:24	1
Magnesium	11000		500	33	ug/L		08/24/15 18:49	08/25/15 03:18	1
Potassium	3900		1000	17	ug/L		08/24/15 18:49	08/25/15 03:18	1
Sodium	22000		1000	480	ug/L		08/24/15 18:49	08/25/15 03:18	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 02:01	1
Calcium, Dissolved	80000	B	500	25	ug/L		08/24/15 17:49	08/25/15 02:01	1
Iron, Dissolved	27	J	50	17	ug/L		08/24/15 17:49	08/25/15 21:16	1
Magnesium, Dissolved	12000		500	33	ug/L		08/24/15 17:49	08/25/15 02:01	1
Potassium, Dissolved	4100		1000	17	ug/L		08/24/15 17:49	08/25/15 02:01	1
Sodium, Dissolved	22000		1000	480	ug/L		08/24/15 17:49	08/25/15 02:01	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 06:58	1
Arsenic	0.48	J	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 06:58	1
Barium	62		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 06:58	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 06:58	1
Cadmium	0.10	J	0.50	0.043	ug/L		08/24/15 18:39	08/25/15 06:58	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 06:58	1
Cobalt	0.24	J	0.40	0.12	ug/L		08/24/15 18:39	08/25/15 06:58	1
Copper	3.0		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 06:58	1
Lead	2.6		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 06:58	1
Manganese	75		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 06:58	1
Molybdenum	1.3		1.0	0.45	ug/L		08/24/15 18:39	08/25/15 06:58	1
Nickel	1.0		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 06:58	1
Selenium	3.9	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 06:58	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 06:58	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 06:58	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 06:58	1
Zinc	44		20	2.8	ug/L		08/24/15 18:39	08/25/15 06:58	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:28	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:28	1
Barium, Dissolved	61		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:28	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:28	1
Cadmium, Dissolved	0.065	J	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:28	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:28	1
Cobalt, Dissolved	0.17	J	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:28	1
Copper, Dissolved	2.5		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:28	1
Lead, Dissolved	0.27	J	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:28	1
Manganese, Dissolved	49		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:28	1
Molybdenum, Dissolved	1.3		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:28	1
Nickel, Dissolved	1.2		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:28	1
Selenium, Dissolved	4.8	B ^	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:28	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:28	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW01_082315

Lab Sample ID: 680-115965-22
Date Collected: 08/23/15 09:15
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:28	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:28	1
Zinc, Dissolved	**23**		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:28	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**240**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:46	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:21	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.17**	**HF**			SU			08/24/15 20:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	**120**		5.0	5.0	mg/L			08/24/15 20:12	1

Client Sample ID: GKMSW02_082115

Lab Sample ID: 680-115965-23
Date Collected: 08/21/15 16:50
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.2**		0.50	0.20	mg/L			08/24/15 20:09	1
Nitrate as N	**0.053**	**H**	0.050	0.023	mg/L			08/25/15 06:11	1
Fluoride	**0.40**		0.10	0.040	mg/L			08/24/15 20:09	1
Sulfate	**100**		4.0	1.6	mg/L			08/25/15 06:27	4

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**540**		200	24	ug/L		08/24/15 18:49	08/25/15 03:06	1
Calcium	**49000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 03:06	1
Iron	**940**	**B**	50	17	ug/L		08/24/15 18:49	08/25/15 17:12	1
Magnesium	**5200**		500	33	ug/L		08/24/15 18:49	08/25/15 03:06	1
Potassium	**930**	**J**	1000	17	ug/L		08/24/15 18:49	08/25/15 03:06	1
Sodium	**2500**		1000	480	ug/L		08/24/15 18:49	08/25/15 03:06	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	**48**	**J**	200	24	ug/L		08/24/15 17:49	08/25/15 01:42	1
Calcium, Dissolved	**46000**	**B**	500	25	ug/L		08/24/15 17:49	08/25/15 01:42	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 20:54	1
Magnesium, Dissolved	**4900**		500	33	ug/L		08/24/15 17:49	08/25/15 01:42	1
Potassium, Dissolved	**880**	**J**	1000	17	ug/L		08/24/15 17:49	08/25/15 01:42	1
Sodium, Dissolved	**2400**		1000	480	ug/L		08/24/15 17:49	08/25/15 01:42	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW02_082115

Lab Sample ID: 680-115965-23

Date Collected: 08/21/15 16:50
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 06:33	1
Arsenic	**0.64**	**J**	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 06:33	1
Barium	**40**		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 06:33	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 06:33	1
Cadmium	**0.62**		0.50	0.043	ug/L		08/24/15 18:39	08/25/15 06:33	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 06:33	1
Cobalt	**2.2**		0.40	0.12	ug/L		08/24/15 18:39	08/25/15 06:33	1
Copper	**18**		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 06:33	1
Lead	**5.8**		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 06:33	1
Manganese	**490**		2.5	1.2	ug/L		08/24/15 18:39	08/25/15 06:33	1
Molybdenum	**0.79**	**J**	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 06:33	1
Nickel	**1.9**		1.0	0.40	ug/L		08/24/15 18:39	08/25/15 06:33	1
Selenium	**1.8**	**J B * ^**	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 06:33	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 06:33	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 06:33	1
Vanadium	**0.34**	**J**	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 06:33	1
Zinc	**200**		20	2.8	ug/L		08/24/15 18:39	08/25/15 06:33	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:59	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 04:59	1
Barium, Dissolved	**34**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 04:59	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 04:59	1
Cadmium, Dissolved	**0.51**		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 04:59	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 04:59	1
Cobalt, Dissolved	**3.2**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 04:59	1
Copper, Dissolved	**2.6**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 04:59	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 04:59	1
Manganese, Dissolved	**430**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 04:59	1
Molybdenum, Dissolved	**0.62**	**J**	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 04:59	1
Nickel, Dissolved	**2.0**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:59	1
Selenium, Dissolved	**0.61**	**J B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 04:59	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 04:59	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 04:59	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 04:59	1
Zinc, Dissolved	**96**		20	2.8	ug/L		08/24/15 17:40	08/25/15 04:59	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**140**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:49	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW02_082115

Lab Sample ID: 680-115965-23
Date Collected: 08/21/15 16:50
Matrix: Water
Date Received: 08/24/15 15:30

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.78	HF			SU			08/24/15 20:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	35		5.0	5.0	mg/L			08/24/15 20:19	1

Client Sample ID: GKMSW02_082215

Lab Sample ID: 680-115965-24
Date Collected: 08/22/15 17:35
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.99		0.50	0.20	mg/L			08/24/15 20:24	1
Nitrate as N	0.059		0.050	0.023	mg/L			08/24/15 18:38	1
Fluoride	0.43		0.10	0.040	mg/L			08/24/15 20:24	1
Sulfate	110		4.0	1.6	mg/L			08/24/15 22:04	4

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	490		200	24	ug/L		08/24/15 19:30	08/25/15 05:55	1
Calcium	47000	B	500	25	ug/L		08/24/15 19:30	08/25/15 05:55	1
Iron	670		50	17	ug/L		08/24/15 19:30	08/25/15 05:55	1
Magnesium	4900		500	33	ug/L		08/24/15 19:30	08/25/15 05:55	1
Potassium	860	J	1000	17	ug/L		08/24/15 19:30	08/25/15 05:55	1
Sodium	2400		1000	480	ug/L		08/24/15 19:30	08/25/15 05:55	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	43	J	200	24	ug/L		08/24/15 17:49	08/25/15 01:34	1
Calcium, Dissolved	48000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:34	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 20:45	1
Magnesium, Dissolved	4900		500	33	ug/L		08/24/15 17:49	08/25/15 01:34	1
Potassium, Dissolved	900	J	1000	17	ug/L		08/24/15 17:49	08/25/15 01:34	1
Sodium, Dissolved	2500		1000	480	ug/L		08/24/15 17:49	08/25/15 01:34	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:54	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 09:54	1
Barium	34	* ^	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 09:54	1
Beryllium	0.15	U *	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 09:54	1
Cadmium	0.69	*	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 09:54	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 09:54	1
Cobalt	2.2		0.40	0.12	ug/L		08/24/15 19:34	08/25/15 09:54	1
Copper	15	B	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 09:54	1
Lead	2.7		0.30	0.060	ug/L		08/24/15 19:34	08/25/15 09:54	1
Manganese	480		2.5	1.2	ug/L		08/24/15 19:34	08/25/15 09:54	1
Molybdenum	0.71	J * ^	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 09:54	1
Nickel	1.9		1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:54	1
Selenium	4.3	B ^ *	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 09:54	1
Silver	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 09:54	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 19:34	08/25/15 09:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW02_082215

Lab Sample ID: 680-115965-24
Date Collected: 08/22/15 17:35
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 09:54	1
Zinc	**200**	**^**	20	2.8	ug/L		08/24/15 19:34	08/25/15 09:54	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:51	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 04:51	1
Barium, Dissolved	**33**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 04:51	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 04:51	1
Cadmium, Dissolved	**0.60**		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 04:51	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 04:51	1
Cobalt, Dissolved	**3.9**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 04:51	1
Copper, Dissolved	**2.8**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 04:51	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 04:51	1
Manganese, Dissolved	**500**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 04:51	1
Molybdenum, Dissolved	**0.67**	**J**	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 04:51	1
Nickel, Dissolved	**2.2**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:51	1
Selenium, Dissolved	**2.4**	**B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 04:51	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 04:51	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 04:51	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 04:51	1
Zinc, Dissolved	**130**		20	2.8	ug/L		08/24/15 17:40	08/25/15 04:51	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**140**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 03:20	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:53	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.69**	**HF**			SU			08/24/15 20:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	**29**		5.0	5.0	mg/L			08/24/15 20:26	1

Client Sample ID: GKMSW04_082215

Lab Sample ID: 680-115965-25
Date Collected: 08/22/15 11:00
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22**		0.50	0.20	mg/L			08/24/15 20:40	1
Nitrate as N	**0.047**	**J H**	0.050	0.023	mg/L			08/25/15 06:27	1
Fluoride	**0.42**		0.10	0.040	mg/L			08/24/15 20:40	1
Sulfate	**120**		4.0	1.6	mg/L			08/24/15 22:18	4

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 18:49	08/25/15 04:56	1
Calcium	**78000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 04:56	1
Iron	**31**	**J B**	50	17	ug/L		08/24/15 18:49	08/25/15 19:21	1
Magnesium	**11000**		500	33	ug/L		08/24/15 18:49	08/25/15 04:56	1
Potassium	**4000**		1000	17	ug/L		08/24/15 18:49	08/25/15 04:56	1
Sodium	**22000**		1000	480	ug/L		08/24/15 18:49	08/25/15 04:56	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	**61**	**J**	200	24	ug/L		08/24/15 17:49	08/25/15 01:46	1
Calcium, Dissolved	**76000**	**B**	500	25	ug/L		08/24/15 17:49	08/25/15 01:46	1
Iron, Dissolved	**220**		50	17	ug/L		08/24/15 17:49	08/25/15 20:58	1
Magnesium, Dissolved	**10000**		500	33	ug/L		08/24/15 17:49	08/25/15 01:46	1
Potassium, Dissolved	**3900**		1000	17	ug/L		08/24/15 17:49	08/25/15 01:46	1
Sodium, Dissolved	**21000**		1000	480	ug/L		08/24/15 17:49	08/25/15 01:46	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:37	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:37	1
Barium	**61**		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:37	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:37	1
Cadmium	**0.19**	**J**	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:37	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:37	1
Cobalt	**1.7**		0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:37	1
Copper	**1.8**		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:37	1
Lead	**0.27**	**J**	0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:37	1
Manganese	**120**		2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:37	1
Molybdenum	**1.3**		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:37	1
Nickel	**1.2**		1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:37	1
Selenium	**4.4**	**B * ^**	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:37	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:37	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:37	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:37	1
Zinc	**50**		20	2.8	ug/L		08/24/15 18:40	08/25/15 08:37	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:03	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:03	1
Barium, Dissolved	**62**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:03	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:03	1
Cadmium, Dissolved	**0.20**	**J**	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:03	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:03	1
Cobalt, Dissolved	**0.34**	**J**	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:03	1
Copper, Dissolved	**3.0**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:03	1
Lead, Dissolved	**2.4**		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:03	1
Manganese, Dissolved	**130**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:03	1
Molybdenum, Dissolved	**1.3**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:03	1
Nickel, Dissolved	**1.2**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:03	1
Selenium, Dissolved	**3.0**	**B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:03	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:03	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:03	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:03	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082215

Lab Sample ID: 680-115965-25
Date Collected: 08/22/15 11:00
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc, Dissolved	59		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:03	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	240		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:52	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:02	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.93	HF			SU			08/24/15 21:52	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	110		5.0	5.0	mg/L			08/24/15 21:52	1

Client Sample ID: GKMSW04_082315

Lab Sample ID: 680-115965-26
Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		0.50	0.20	mg/L			08/24/15 21:58	1
Nitrate as N	0.041	J	0.050	0.023	mg/L			08/24/15 19:24	1
Fluoride	0.39		0.10	0.040	mg/L			08/24/15 21:58	1
Sulfate	130		5.0	2.0	mg/L			08/25/15 10:28	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	55	J	200	24	ug/L		08/24/15 18:49	08/25/15 04:52	1
Calcium	80000	B	500	25	ug/L		08/24/15 18:49	08/25/15 04:52	1
Iron	240	B	50	17	ug/L		08/24/15 18:49	08/25/15 19:16	1
Magnesium	11000		500	33	ug/L		08/24/15 18:49	08/25/15 04:52	1
Potassium	4100		1000	17	ug/L		08/24/15 18:49	08/25/15 04:52	1
Sodium	23000		1000	480	ug/L		08/24/15 18:49	08/25/15 04:52	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 01:57	1
Calcium, Dissolved	84000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:57	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 21:11	1
Magnesium, Dissolved	11000		500	33	ug/L		08/24/15 17:49	08/25/15 01:57	1
Potassium, Dissolved	4400		1000	17	ug/L		08/24/15 17:49	08/25/15 01:57	1
Sodium, Dissolved	24000		1000	480	ug/L		08/24/15 17:49	08/25/15 01:57	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082315

Lab Sample ID: 680-115965-26

Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:32	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:32	1
Barium	**61**		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:32	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:32	1
Cadmium	**0.24**	**J**	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:32	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:32	1
Cobalt	**0.32**	**J**	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:32	1
Copper	**2.8**		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:32	1
Lead	**2.3**		0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:32	1
Manganese	**130**		2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:32	1
Molybdenum	**1.2**		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:32	1
Nickel	**1.2**		1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:32	1
Selenium	**3.4**	**B * ^**	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:32	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:32	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:32	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:32	1
Zinc	**57**		20	2.8	ug/L		08/24/15 18:40	08/25/15 08:32	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:24	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:24	1
Barium, Dissolved	**61**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:24	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:24	1
Cadmium, Dissolved	**0.074**	**J**	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:24	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:24	1
Cobalt, Dissolved	**0.30**	**J**	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:24	1
Copper, Dissolved	**2.5**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:24	1
Lead, Dissolved	**0.14**	**J**	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:24	1
Manganese, Dissolved	**120**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:24	1
Molybdenum, Dissolved	**1.3**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:24	1
Nickel, Dissolved	**1.6**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:24	1
Selenium, Dissolved	**4.9**	**B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:24	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:24	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:24	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:24	1
Zinc, Dissolved	**48**		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:24	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**250**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 01:55	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:18	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082315

Lab Sample ID: 680-115965-26
Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.98	HF			SU			08/24/15 21:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	120		5.0	5.0	mg/L			08/24/15 21:59	1

Client Sample ID: GKMSW04_082315D

Lab Sample ID: 680-115965-27
Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		0.50	0.20	mg/L			08/24/15 22:14	1
Nitrate as N	0.041	J	0.050	0.023	mg/L			08/24/15 19:40	1
Fluoride	0.39		0.10	0.040	mg/L			08/24/15 22:14	1
Sulfate	130		5.0	2.0	mg/L			08/25/15 09:30	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	63	J	200	24	ug/L		08/24/15 18:49	08/25/15 04:48	1
Calcium	83000	B	500	25	ug/L		08/24/15 18:49	08/25/15 04:48	1
Iron	240	B	50	17	ug/L		08/24/15 18:49	08/25/15 19:12	1
Magnesium	11000		500	33	ug/L		08/24/15 18:49	08/25/15 04:48	1
Potassium	4300		1000	17	ug/L		08/24/15 18:49	08/25/15 04:48	1
Sodium	23000		1000	480	ug/L		08/24/15 18:49	08/25/15 04:48	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 01:53	1
Calcium, Dissolved	82000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:53	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 21:07	1
Magnesium, Dissolved	11000		500	33	ug/L		08/24/15 17:49	08/25/15 01:53	1
Potassium, Dissolved	4300		1000	17	ug/L		08/24/15 17:49	08/25/15 01:53	1
Sodium, Dissolved	23000		1000	480	ug/L		08/24/15 17:49	08/25/15 01:53	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:28	1
Arsenic	0.38	J	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:28	1
Barium	63		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:28	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:28	1
Cadmium	0.13	J	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:28	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:28	1
Cobalt	0.32	J	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:28	1
Copper	2.8		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:28	1
Lead	2.6		0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:28	1
Manganese	130		2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:28	1
Molybdenum	1.3		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:28	1
Nickel	1.1		1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:28	1
Selenium	4.4	B * ^	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:28	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:28	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:28	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082315D

Lab Sample ID: 680-115965-27
Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:28	1
Zinc	**60**		20	2.8	ug/L		08/24/15 18:40	08/25/15 08:28	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:20	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:20	1
Barium, Dissolved	**59**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:20	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:20	1
Cadmium, Dissolved	**0.12**	**J**	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:20	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:20	1
Cobalt, Dissolved	**0.28**	**J**	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:20	1
Copper, Dissolved	**1.7**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:20	1
Lead, Dissolved	**0.11**	**J**	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:20	1
Manganese, Dissolved	**120**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:20	1
Molybdenum, Dissolved	**1.3**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:20	1
Nickel, Dissolved	**1.2**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:20	1
Selenium, Dissolved	**3.1**	**B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:20	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:20	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:20	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:20	1
Zinc, Dissolved	**51**		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:20	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**250**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:04	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:14	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.99**	**HF**			SU			08/24/15 22:06	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	**120**		5.0	5.0	mg/L			08/24/15 22:06	1

Client Sample ID: GKMSW05_082215

Lab Sample ID: 680-115965-28
Date Collected: 08/22/15 10:15
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22**		0.50	0.20	mg/L			08/24/15 20:55	1
Nitrate as N	**0.046**	**J H**	0.050	0.023	mg/L			08/25/15 06:42	1
Fluoride	**0.41**		0.10	0.040	mg/L			08/24/15 20:55	1
Sulfate	**120**		4.0	1.6	mg/L			08/24/15 22:33	4

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**42**	**J**	200	24	ug/L		08/24/15 18:49	08/25/15 04:44	1
Calcium	**76000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 04:44	1
Iron	**170**	**B**	50	17	ug/L		08/24/15 18:49	08/25/15 19:07	1
Magnesium	**11000**		500	33	ug/L		08/24/15 18:49	08/25/15 04:44	1
Potassium	**3800**		1000	17	ug/L		08/24/15 18:49	08/25/15 04:44	1
Sodium	**21000**		1000	480	ug/L		08/24/15 18:49	08/25/15 04:44	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 01:49	1
Calcium, Dissolved	**74000**	**B**	500	25	ug/L		08/24/15 17:49	08/25/15 01:49	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 21:02	1
Magnesium, Dissolved	**10000**		500	33	ug/L		08/24/15 17:49	08/25/15 01:49	1
Potassium, Dissolved	**3700**		1000	17	ug/L		08/24/15 17:49	08/25/15 01:49	1
Sodium, Dissolved	**20000**		1000	480	ug/L		08/24/15 17:49	08/25/15 01:49	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:24	1
Arsenic	**0.43**	**J**	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:24	1
Barium	**61**		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:24	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:24	1
Cadmium	**0.14**	**J**	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:24	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:24	1
Cobalt	**0.22**	**J**	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:24	1
Copper	**2.6**		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:24	1
Lead	**1.6**		0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:24	1
Manganese	**78**		2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:24	1
Molybdenum	**1.1**		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:24	1
Nickel	**1.0**		1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:24	1
Selenium	**4.0**	**B * ^**	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:24	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:24	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:24	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:24	1
Zinc	**43**		20	2.8	ug/L		08/24/15 18:40	08/25/15 08:24	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:07	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:07	1
Barium, Dissolved	**55**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:07	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:07	1
Cadmium, Dissolved	**0.12**	**J**	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:07	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:07	1
Cobalt, Dissolved	**1.5**		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:07	1
Copper, Dissolved	**1.6**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:07	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:07	1
Manganese, Dissolved	**68**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:07	1
Molybdenum, Dissolved	**1.1**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:07	1
Nickel, Dissolved	**1.2**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:07	1
Selenium, Dissolved	**1.2**	**J B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:07	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:07	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:07	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:07	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW05_082215

Lab Sample ID: 680-115965-28
Date Collected: 08/22/15 10:15
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc, Dissolved	32		20	2.8	ug/L		08/24/15 17:40	08/25/15 05:07	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	230		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:07	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:05	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.05	HF			SU			08/24/15 21:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	120		5.0	5.0	mg/L			08/24/15 21:29	1

Client Sample ID: GKMSW05_082315

Lab Sample ID: 680-115965-29
Date Collected: 08/23/15 09:30
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		0.50	0.20	mg/L			08/24/15 23:00	1
Nitrate as N	0.044	J	0.050	0.023	mg/L			08/24/15 19:09	1
Fluoride	0.38		0.10	0.040	mg/L			08/24/15 23:00	1
Sulfate	120		5.0	2.0	mg/L			08/25/15 10:43	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	39	J	200	24	ug/L		08/24/15 18:49	08/25/15 04:41	1
Calcium	79000	B	500	25	ug/L		08/24/15 18:49	08/25/15 04:41	1
Iron	170	B	50	17	ug/L		08/24/15 18:49	08/25/15 19:03	1
Magnesium	11000		500	33	ug/L		08/24/15 18:49	08/25/15 04:41	1
Potassium	4000		1000	17	ug/L		08/24/15 18:49	08/25/15 04:41	1
Sodium	22000		1000	480	ug/L		08/24/15 18:49	08/25/15 04:41	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 01:30	1
Calcium, Dissolved	78000	B	500	25	ug/L		08/24/15 17:49	08/25/15 01:30	1
Iron, Dissolved	22	J	50	17	ug/L		08/24/15 17:49	08/25/15 20:40	1
Magnesium, Dissolved	11000		500	33	ug/L		08/24/15 17:49	08/25/15 01:30	1
Potassium, Dissolved	4000		1000	17	ug/L		08/24/15 17:49	08/25/15 01:30	1
Sodium, Dissolved	22000		1000	480	ug/L		08/24/15 17:49	08/25/15 01:30	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW05_082315

Lab Sample ID: 680-115965-29

Date Collected: 08/23/15 09:30
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:20	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:20	1
Barium	**63**		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:20	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:20	1
Cadmium	**0.13**	**J**	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:20	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:20	1
Cobalt	**0.23**	**J**	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:20	1
Copper	**2.6**		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:20	1
Lead	**1.5**		0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:20	1
Manganese	**76**		2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:20	1
Molybdenum	**1.2**		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:20	1
Nickel	**1.1**		1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:20	1
Selenium	**3.9**	**B * ^**	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:20	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:20	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:20	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:20	1
Zinc	**44**		20	2.8	ug/L		08/24/15 18:40	08/25/15 08:20	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:47	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 04:47	1
Barium, Dissolved	**57**		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 04:47	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 04:47	1
Cadmium, Dissolved	**0.045**	**J**	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 04:47	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 04:47	1
Cobalt, Dissolved	**0.20**	**J**	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 04:47	1
Copper, Dissolved	**2.6**		1.0	0.50	ug/L		08/24/15 17:40	08/25/15 04:47	1
Lead, Dissolved	**0.14**	**J**	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 04:47	1
Manganese, Dissolved	**66**		2.5	1.2	ug/L		08/24/15 17:40	08/25/15 04:47	1
Molybdenum, Dissolved	**1.2**		1.0	0.45	ug/L		08/24/15 17:40	08/25/15 04:47	1
Nickel, Dissolved	**1.6**		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 04:47	1
Selenium, Dissolved	**1.9**	**J B ^**	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 04:47	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 04:47	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 04:47	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 04:47	1
Zinc, Dissolved	**31**		20	2.8	ug/L		08/24/15 17:40	08/25/15 04:47	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**240**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:10	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:50	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW05_082315

Lab Sample ID: 680-115965-29
Date Collected: 08/23/15 09:30
Matrix: Water
Date Received: 08/24/15 15:30

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.09	HF			SU			08/24/15 21:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	120		5.0	5.0	mg/L			08/24/15 21:36	1

Client Sample ID: GKMTW117_082215

Lab Sample ID: 680-115965-30
Date Collected: 08/22/15 16:10
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 18:49	08/25/15 04:37	1
Calcium	87000	B	500	25	ug/L		08/24/15 18:49	08/25/15 04:37	1
Iron	32	J B	50	17	ug/L		08/24/15 18:49	08/25/15 18:59	1
Magnesium	11000		500	33	ug/L		08/24/15 18:49	08/25/15 04:37	1
Potassium	2400		1000	17	ug/L		08/24/15 18:49	08/25/15 04:37	1
Sodium	3500		1000	480	ug/L		08/24/15 18:49	08/25/15 04:37	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:16	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:16	1
Barium	100		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:16	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:16	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:16	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:16	1
Cobalt	0.12	J	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:16	1
Copper	9.1		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:16	1
Lead	0.37		0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:16	1
Manganese	1.2	U	2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:16	1
Molybdenum	1.3		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:16	1
Nickel	0.70	J	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:16	1
Selenium	6.6	B * ^	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:16	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:16	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:16	1
Vanadium	2.0		1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:16	1
Zinc	8.0	J	20	2.8	ug/L		08/24/15 18:40	08/25/15 08:16	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	260		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW137_082215

Lab Sample ID: 680-115965-31
Date Collected: 08/22/15 15:00
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 02:44	1
Calcium	**61000**	**B**	500	25	ug/L		08/24/15 17:49	08/25/15 02:44	1
Iron	**330**		50	17	ug/L		08/24/15 17:49	08/25/15 22:00	1
Magnesium	**13000**		500	33	ug/L		08/24/15 17:49	08/25/15 02:44	1
Potassium	**1500**		1000	17	ug/L		08/24/15 17:49	08/25/15 02:44	1
Sodium	**3500**		1000	480	ug/L		08/24/15 17:49	08/25/15 02:44	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/24/15 17:41	08/25/15 06:09	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 17:41	08/25/15 06:09	1
Barium	**43**		2.0	0.14	ug/L		08/24/15 17:41	08/25/15 06:09	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 17:41	08/25/15 06:09	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 17:41	08/25/15 06:09	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 17:41	08/25/15 06:09	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 17:41	08/25/15 06:09	1
Copper	**280**		1.0	0.50	ug/L		08/24/15 17:41	08/25/15 06:09	1
Lead	**5.1**		0.30	0.060	ug/L		08/24/15 17:41	08/25/15 06:09	1
Manganese	**2.9**		2.5	1.2	ug/L		08/24/15 17:41	08/25/15 06:09	1
Molybdenum	**0.95**	**J**	1.0	0.45	ug/L		08/24/15 17:41	08/25/15 06:09	1
Nickel	**0.66**	**J**	1.0	0.40	ug/L		08/24/15 17:41	08/25/15 06:09	1
Selenium	**3.0**	**B ^**	2.0	0.58	ug/L		08/24/15 17:41	08/25/15 06:09	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 17:41	08/25/15 06:09	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 17:41	08/25/15 06:09	1
Vanadium	**0.30**	**J**	1.0	0.30	ug/L		08/24/15 17:41	08/25/15 06:09	1
Zinc	**15**	**J**	20	2.8	ug/L		08/24/15 17:41	08/25/15 06:09	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**200**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U F1	0.20	0.080	ug/L		08/24/15 18:38	08/25/15 00:42	1

Client Sample ID: GKMTW148_082215

Lab Sample ID: 680-115965-32
Date Collected: 08/22/15 12:20
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 18:49	08/25/15 04:33	1
Calcium	**47000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 04:33	1
Iron	**48**	**J B**	50	17	ug/L		08/24/15 18:49	08/25/15 18:54	1
Magnesium	**7400**		500	33	ug/L		08/24/15 18:49	08/25/15 04:33	1
Potassium	**1400**		1000	17	ug/L		08/24/15 18:49	08/25/15 04:33	1
Sodium	**2400**		1000	480	ug/L		08/24/15 18:49	08/25/15 04:33	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW148_082215

Lab Sample ID: 680-115965-32
Date Collected: 08/22/15 12:20
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:12	1
Barium	**42**		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:12	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:12	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:12	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:12	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:12	1
Copper	**13**		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:12	1
Lead	**0.68**		0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:12	1
Manganese	1.2	U	2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:12	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:12	1
Nickel	**0.41**	**J**	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:12	1
Selenium	**4.6**	**B * ^**	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:12	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:12	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:12	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:12	1
Zinc	**13**	**J**	20	2.8	ug/L		08/24/15 18:40	08/25/15 08:12	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**150**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:16	1

Client Sample ID: GKMTW230_082115

Lab Sample ID: 680-115965-33
Date Collected: 08/21/15 17:20
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 18:49	08/25/15 04:22	1
Calcium	**230000**	**B**	500	25	ug/L		08/24/15 18:49	08/25/15 04:22	1
Iron	**120**	**B**	50	17	ug/L		08/24/15 18:49	08/25/15 18:50	1
Magnesium	**22000**		500	33	ug/L		08/24/15 18:49	08/25/15 04:22	1
Potassium	**1600**		1000	17	ug/L		08/24/15 18:49	08/25/15 04:22	1
Sodium	**5500**		1000	480	ug/L		08/24/15 18:49	08/25/15 04:22	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:08	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:40	08/25/15 08:08	1
Barium	**17**		2.0	0.14	ug/L		08/24/15 18:40	08/25/15 08:08	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:40	08/25/15 08:08	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 18:40	08/25/15 08:08	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:40	08/25/15 08:08	1
Cobalt	**0.25**	**J**	0.40	0.12	ug/L		08/24/15 18:40	08/25/15 08:08	1
Copper	**1.6**		1.0	0.50	ug/L		08/24/15 18:40	08/25/15 08:08	1
Lead	**0.18**	**J**	0.30	0.060	ug/L		08/24/15 18:40	08/25/15 08:08	1
Manganese	**4.6**		2.5	1.2	ug/L		08/24/15 18:40	08/25/15 08:08	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW230_082115

Lab Sample ID: 680-115965-33
Date Collected: 08/21/15 17:20
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	3.3		1.0	0.45	ug/L		08/24/15 18:40	08/25/15 08:08	1
Nickel	1.4		1.0	0.40	ug/L		08/24/15 18:40	08/25/15 08:08	1
Selenium	13	B * ^	2.0	0.58	ug/L		08/24/15 18:40	08/25/15 08:08	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:40	08/25/15 08:08	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:40	08/25/15 08:08	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:40	08/25/15 08:08	1
Zinc	7.1	J	20	2.8	ug/L		08/24/15 18:40	08/25/15 08:08	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	670		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:19	1

Client Sample ID: GKMTW358_082115

Lab Sample ID: 680-115965-34
Date Collected: 08/21/15 12:10
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 18:49	08/25/15 04:18	1
Calcium	80000	B	500	25	ug/L		08/24/15 18:49	08/25/15 04:18	1
Iron	44	J B	50	17	ug/L		08/24/15 18:49	08/25/15 18:36	1
Magnesium	12000		500	33	ug/L		08/24/15 18:49	08/25/15 04:18	1
Potassium	1100		1000	17	ug/L		08/24/15 18:49	08/25/15 04:18	1
Sodium	4000		1000	480	ug/L		08/24/15 18:49	08/25/15 04:18	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 08:04	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 08:04	1
Barium	26		2.0	0.14	ug/L		08/24/15 18:39	08/25/15 08:04	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 08:04	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 18:39	08/25/15 08:04	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 08:04	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 18:39	08/25/15 08:04	1
Copper	28		1.0	0.50	ug/L		08/24/15 18:39	08/25/15 08:04	1
Lead	3.1		0.30	0.060	ug/L		08/24/15 18:39	08/25/15 08:04	1
Manganese	1.2	U	2.5	1.2	ug/L		08/24/15 18:39	08/25/15 08:04	1
Molybdenum	1.8		1.0	0.45	ug/L		08/24/15 18:39	08/25/15 08:04	1
Nickel	0.82	J	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 08:04	1
Selenium	6.3	B * ^	2.0	0.58	ug/L		08/24/15 18:39	08/25/15 08:04	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 08:04	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 08:04	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 08:04	1
Zinc	65		20	2.8	ug/L		08/24/15 18:39	08/25/15 08:04	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW358_082115

Lab Sample ID: 680-115965-34
Date Collected: 08/21/15 12:10
Matrix: Water
Date Received: 08/24/15 15:30

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**250**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 02:22	1

Client Sample ID: GKMTW361_082115

Lab Sample ID: 680-115965-35
Date Collected: 08/21/15 12:45
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 19:30	08/25/15 05:40	1
Calcium	**76000**	**B**	500	25	ug/L		08/24/15 19:30	08/25/15 05:40	1
Iron	**78**		50	17	ug/L		08/24/15 19:30	08/25/15 05:40	1
Magnesium	**11000**		500	33	ug/L		08/24/15 19:30	08/25/15 05:40	1
Potassium	**1100**		1000	17	ug/L		08/24/15 19:30	08/25/15 05:40	1
Sodium	**3800**		1000	480	ug/L		08/24/15 19:30	08/25/15 05:40	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:21	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 09:21	1
Barium	**27**	*****	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 09:21	1
Beryllium	0.15	U *	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 09:21	1
Cadmium	0.043	U *	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 09:21	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 09:21	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 19:34	08/25/15 09:21	1
Copper	**11**	**B**	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 09:21	1
Lead	**0.13**	**J**	0.30	0.060	ug/L		08/24/15 19:34	08/25/15 09:21	1
Manganese	**1.2**	**J**	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 09:21	1
Molybdenum	**1.6**	*****	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 09:21	1
Nickel	**0.74**	**J**	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:21	1
Selenium	**3.6**	**B * ^**	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 09:21	1
Silver	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 09:21	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 19:34	08/25/15 09:21	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 09:21	1
Zinc	**17**	**J**	20	2.8	ug/L		08/24/15 19:34	08/25/15 09:21	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**240**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 03:17	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW378_082115A

Lab Sample ID: 680-115965-36
Date Collected: 08/21/15 17:45
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 02:40	1
Calcium	**27000**	**B**	500	25	ug/L		08/24/15 17:49	08/25/15 02:40	1
Iron	**800**		50	17	ug/L		08/24/15 17:49	08/25/15 21:56	1
Magnesium	**2300**		500	33	ug/L		08/24/15 17:49	08/25/15 02:40	1
Potassium	**5400**		1000	17	ug/L		08/24/15 17:49	08/25/15 02:40	1
Sodium	**200000**		10000	4800	ug/L		08/24/15 17:49	08/25/15 08:27	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/24/15 17:41	08/25/15 05:57	1
Arsenic	**0.83**	**J**	1.0	0.37	ug/L		08/24/15 17:41	08/25/15 05:57	1
Barium	**37**		2.0	0.14	ug/L		08/24/15 17:41	08/25/15 05:57	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 17:41	08/25/15 05:57	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 17:41	08/25/15 05:57	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 17:41	08/25/15 05:57	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 17:41	08/25/15 05:57	1
Copper	**17**		1.0	0.50	ug/L		08/24/15 17:41	08/25/15 05:57	1
Lead	**0.26**	**J**	0.30	0.060	ug/L		08/24/15 17:41	08/25/15 05:57	1
Manganese	**240**		2.5	1.2	ug/L		08/24/15 17:41	08/25/15 05:57	1
Molybdenum	**12**		1.0	0.45	ug/L		08/24/15 17:41	08/25/15 05:57	1
Nickel	**0.91**	**J**	1.0	0.40	ug/L		08/24/15 17:41	08/25/15 05:57	1
Selenium	**3.2**	**B ^**	2.0	0.58	ug/L		08/24/15 17:41	08/25/15 05:57	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 17:41	08/25/15 05:57	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 17:41	08/25/15 05:57	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 17:41	08/25/15 05:57	1
Zinc	**7.7**	**J**	20	2.8	ug/L		08/24/15 17:41	08/25/15 05:57	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**77**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 02:58	1

Client Sample ID: GKMTW378_082115B

Lab Sample ID: 680-115965-37
Date Collected: 08/21/15 17:53
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 02:36	1
Calcium	**270**	**J B**	500	25	ug/L		08/24/15 17:49	08/25/15 02:36	1
Iron	**73**		50	17	ug/L		08/24/15 17:49	08/25/15 21:51	1
Magnesium	33	U	500	33	ug/L		08/24/15 17:49	08/25/15 02:36	1
Potassium	**12000**		1000	17	ug/L		08/24/15 17:49	08/25/15 02:36	1
Sodium	**230000**		10000	4800	ug/L		08/24/15 17:49	08/25/15 08:23	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/24/15 17:41	08/25/15 05:53	1

Client Sample ID: GKMTW378_082115B — Lab Sample ID: 680-115965-37

Date Collected: 08/21/15 17:53 — **Matrix: Water**
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.56**	**J**	1.0	0.37	ug/L		08/24/15 17:41	08/25/15 05:53	1
Barium	**0.40**	**J**	2.0	0.14	ug/L		08/24/15 17:41	08/25/15 05:53	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 17:41	08/25/15 05:53	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 17:41	08/25/15 05:53	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 17:41	08/25/15 05:53	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 17:41	08/25/15 05:53	1
Copper	**13**		1.0	0.50	ug/L		08/24/15 17:41	08/25/15 05:53	1
Lead	**0.11**	**J**	0.30	0.060	ug/L		08/24/15 17:41	08/25/15 05:53	1
Manganese	**1.5**	**J**	2.5	1.2	ug/L		08/24/15 17:41	08/25/15 05:53	1
Molybdenum	**12**		1.0	0.45	ug/L		08/24/15 17:41	08/25/15 05:53	1
Nickel	0.40	U	1.0	0.40	ug/L		08/24/15 17:41	08/25/15 05:53	1
Selenium	**3.3**	**B ^**	2.0	0.58	ug/L		08/24/15 17:41	08/25/15 05:53	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 17:41	08/25/15 05:53	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 17:41	08/25/15 05:53	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 17:41	08/25/15 05:53	1
Zinc	**34**		20	2.8	ug/L		08/24/15 17:41	08/25/15 05:53	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:39	1

Client Sample ID: GKMTW390_082215 — Lab Sample ID: 680-115965-38

Date Collected: 08/22/15 13:00 — **Matrix: Water**
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 19:30	08/25/15 05:36	1
Calcium	**96000**	**B**	500	25	ug/L		08/24/15 19:30	08/25/15 05:36	1
Iron	**520**		50	17	ug/L		08/24/15 19:30	08/25/15 05:36	1
Magnesium	**12000**		500	33	ug/L		08/24/15 19:30	08/25/15 05:36	1
Potassium	**3000**		1000	17	ug/L		08/24/15 19:30	08/25/15 05:36	1
Sodium	**3100**		1000	480	ug/L		08/24/15 19:30	08/25/15 05:36	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:17	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 09:17	1
Barium	**100**	*****	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 09:17	1
Beryllium	0.15	U *	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 09:17	1
Cadmium	0.043	U *	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 09:17	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 09:17	1
Cobalt	**0.26**	**J**	0.40	0.12	ug/L		08/24/15 19:34	08/25/15 09:17	1
Copper	0.50	U	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 09:17	1
Lead	0.060	U	0.30	0.060	ug/L		08/24/15 19:34	08/25/15 09:17	1
Manganese	**110**		2.5	1.2	ug/L		08/24/15 19:34	08/25/15 09:17	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW390_082215

Lab Sample ID: 680-115965-38
Date Collected: 08/22/15 13:00
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**1.7**	*	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 09:17	1
Nickel	**0.94**	J	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:17	1
Selenium	**3.8**	B * ^	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 09:17	1
Silver	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 09:17	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 19:34	08/25/15 09:17	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 09:17	1
Zinc	2.8	U	20	2.8	ug/L		08/24/15 19:34	08/25/15 09:17	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	**290**		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 03:08	1

Client Sample ID: GKMTW395_082215

Lab Sample ID: 680-115965-39
Date Collected: 08/22/15 14:00
Matrix: Water
Date Received: 08/24/15 15:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 19:30	08/25/15 05:30	1
Calcium	**70000**	B	500	25	ug/L		08/24/15 19:30	08/25/15 05:30	1
Iron	**54**		50	17	ug/L		08/24/15 19:30	08/25/15 05:30	1
Magnesium	**9700**		500	33	ug/L		08/24/15 19:30	08/25/15 05:30	1
Potassium	**1000**		1000	17	ug/L		08/24/15 19:30	08/25/15 05:30	1
Sodium	**3600**		1000	480	ug/L		08/24/15 19:30	08/25/15 05:30	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U *	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:13	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 09:13	1
Barium	**43**	*	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 09:13	1
Beryllium	0.15	U *	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 09:13	1
Cadmium	0.043	U *	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 09:13	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 09:13	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 19:34	08/25/15 09:13	1
Copper	**1.6**	B	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 09:13	1
Lead	**0.16**	J	0.30	0.060	ug/L		08/24/15 19:34	08/25/15 09:13	1
Manganese	**1.9**	J	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 09:13	1
Molybdenum	**0.69**	J *	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 09:13	1
Nickel	**0.56**	J	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:13	1
Selenium	**6.0**	B * ^	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 09:13	1
Silver	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 09:13	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 19:34	08/25/15 09:13	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 09:13	1
Zinc	**25**		20	2.8	ug/L		08/24/15 19:34	08/25/15 09:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW395_082215

Lab Sample ID: 680-115965-39
Date Collected: 08/22/15 14:00
Matrix: Water
Date Received: 08/24/15 15:30

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	220		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 03:05	1

Client Sample ID: RBEffluent_082115

Lab Sample ID: 680-115965-40
Date Collected: 08/21/15 12:50
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		0.50	0.20	mg/L			08/24/15 23:15	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			08/25/15 06:58	1
Fluoride	10		5.0	2.0	mg/L			08/25/15 10:57	50
Sulfate	1700		50	20	mg/L			08/25/15 10:57	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	27000		200	24	ug/L		08/24/15 19:30	08/25/15 06:11	1
Calcium, Dissolved	340000	B	5000	250	ug/L		08/24/15 19:30	08/25/15 10:28	10
Iron, Dissolved	59000		50	17	ug/L		08/24/15 19:30	08/25/15 06:11	1
Magnesium, Dissolved	25000		5000	330	ug/L		08/24/15 19:30	08/25/15 10:28	10
Potassium, Dissolved	4500		1000	17	ug/L		08/24/15 19:30	08/25/15 06:11	1
Sodium, Dissolved	51000		1000	480	ug/L		08/24/15 19:30	08/25/15 06:11	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U *	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 10:02	1
Arsenic, Dissolved	0.58	J	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 10:02	1
Barium, Dissolved	11	* ^	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 10:02	1
Beryllium, Dissolved	8.6	*	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 10:02	1
Cadmium, Dissolved	87	*	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 10:02	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 10:02	1
Cobalt, Dissolved	110		0.40	0.12	ug/L		08/24/15 19:34	08/25/15 10:02	1
Copper, Dissolved	4500	B E	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 10:02	1
Lead, Dissolved	25		0.30	0.060	ug/L		08/24/15 19:34	08/25/15 10:02	1
Manganese, Dissolved	31000	E	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 10:02	1
Molybdenum, Dissolved	0.72	J * ^	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 10:02	1
Nickel, Dissolved	62		1.0	0.40	ug/L		08/24/15 19:34	08/25/15 10:02	1
Selenium, Dissolved	19	B ^ *	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 10:02	1
Silver, Dissolved	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 10:02	1
Thallium, Dissolved	0.57		0.20	0.10	ug/L		08/24/15 19:34	08/25/15 10:02	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 10:02	1
Zinc, Dissolved	24000	E ^	20	2.8	ug/L		08/24/15 19:34	08/25/15 10:02	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 02:46	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: RBEffluent_082115

Lab Sample ID: 680-115965-40
Date Collected: 08/21/15 12:50
Matrix: Water
Date Received: 08/24/15 15:30

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.53	HF			SU			08/24/15 21:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 21:41	1

Client Sample ID: TP04_082115

Lab Sample ID: 680-115965-42
Date Collected: 08/21/15 09:45
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0		0.50	0.20	mg/L			08/24/15 23:31	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			08/25/15 05:41	1
Fluoride	10		5.0	2.0	mg/L			08/25/15 11:12	50
Sulfate	1700		50	20	mg/L			08/25/15 11:12	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	29000		200	24	ug/L		08/24/15 19:30	08/25/15 06:07	1
Calcium, Dissolved	350000	B	5000	250	ug/L		08/24/15 19:30	08/25/15 10:25	10
Iron, Dissolved	65000		50	17	ug/L		08/24/15 19:30	08/25/15 06:07	1
Magnesium, Dissolved	26000		5000	330	ug/L		08/24/15 19:30	08/25/15 10:25	10
Potassium, Dissolved	3300		1000	17	ug/L		08/24/15 19:30	08/25/15 06:07	1
Sodium, Dissolved	49000		1000	480	ug/L		08/24/15 19:30	08/25/15 06:07	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U *	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:58	1
Arsenic, Dissolved	0.47	J	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 09:58	1
Barium, Dissolved	8.9	* ^	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 09:58	1
Beryllium, Dissolved	8.9	*	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 09:58	1
Cadmium, Dissolved	83	*	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 09:58	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 09:58	1
Cobalt, Dissolved	100		0.40	0.12	ug/L		08/24/15 19:34	08/25/15 09:58	1
Copper, Dissolved	4900	B E	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 09:58	1
Lead, Dissolved	12		0.30	0.060	ug/L		08/24/15 19:34	08/25/15 09:58	1
Manganese, Dissolved	31000	E	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 09:58	1
Molybdenum, Dissolved	0.81	J * ^	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 09:58	1
Nickel, Dissolved	59		1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:58	1
Selenium, Dissolved	12	B ^ *	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 09:58	1
Silver, Dissolved	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 09:58	1
Thallium, Dissolved	0.25		0.20	0.10	ug/L		08/24/15 19:34	08/25/15 09:58	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 09:58	1
Zinc, Dissolved	22000	E ^	20	2.8	ug/L		08/24/15 19:34	08/25/15 09:58	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 02:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: TP04_082115

Lab Sample ID: 680-115965-42
Date Collected: 08/21/15 09:45
Matrix: Water
Date Received: 08/24/15 15:30

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.26	HF			SU			08/24/15 22:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 22:32	1

Client Sample ID: TP04_082215

Lab Sample ID: 680-115965-43
Date Collected: 08/22/15 13:40
Matrix: Water
Date Received: 08/24/15 15:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.56		0.50	0.20	mg/L			08/24/15 23:46	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			08/25/15 05:56	1
Fluoride	11		5.0	2.0	mg/L			08/25/15 11:26	50
Sulfate	1600		50	20	mg/L			08/25/15 11:26	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	23000		200	24	ug/L		08/24/15 19:30	08/25/15 05:18	1
Calcium	360000	B	5000	250	ug/L		08/24/15 19:30	08/25/15 10:13	10
Iron	84000		50	17	ug/L		08/24/15 19:30	08/25/15 05:18	1
Magnesium	31000		5000	330	ug/L		08/24/15 19:30	08/25/15 10:13	10
Potassium	3000		1000	17	ug/L		08/24/15 19:30	08/25/15 05:18	1
Sodium	35000		1000	480	ug/L		08/24/15 19:30	08/25/15 05:18	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	16000		200	24	ug/L		08/24/15 17:49	08/25/15 02:33	1
Calcium, Dissolved	360000	B	5000	250	ug/L		08/24/15 17:49	08/25/15 08:20	10
Iron, Dissolved	53000		50	17	ug/L		08/24/15 17:49	08/25/15 21:47	1
Magnesium, Dissolved	32000		5000	330	ug/L		08/24/15 17:49	08/25/15 08:20	10
Potassium, Dissolved	2900		1000	17	ug/L		08/24/15 17:49	08/25/15 02:33	1
Sodium, Dissolved	34000		1000	480	ug/L		08/24/15 17:49	08/25/15 02:33	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5	*	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:09	1
Arsenic	19		1.0	0.37	ug/L		08/24/15 19:34	08/25/15 09:09	1
Barium	11	*	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 09:09	1
Beryllium	7.5	*	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 09:09	1
Cadmium	77	*	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 09:09	1
Chromium	3.0		2.0	1.0	ug/L		08/24/15 19:34	08/25/15 09:09	1
Cobalt	99		0.40	0.12	ug/L		08/24/15 19:34	08/25/15 09:09	1
Copper	4200	B E	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 09:09	1
Lead	23		0.30	0.060	ug/L		08/24/15 19:34	08/25/15 09:09	1
Manganese	31000	E	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 09:09	1
Molybdenum	2.7	*	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 09:09	1
Nickel	60		1.0	0.40	ug/L		08/24/15 19:34	08/25/15 09:09	1
Selenium	8.2	B * ^	2.0	0.58	ug/L		08/24/15 19:34	08/25/15 09:09	1
Silver	0.10	U *	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 09:09	1
Thallium	0.24		0.20	0.10	ug/L		08/24/15 19:34	08/25/15 09:09	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: TP04_082215

Date Collected: 08/22/15 13:40
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-43

Matrix: Water

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	21		1.0	0.30	ug/L		08/24/15 19:34	08/25/15 09:09	1
Zinc	21000	E	20	2.8	ug/L		08/24/15 19:34	08/25/15 09:09	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:49	1
Arsenic, Dissolved	0.63	J	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 05:49	1
Barium, Dissolved	9.8		2.0	0.14	ug/L		08/24/15 17:40	08/25/15 05:49	1
Beryllium, Dissolved	5.8		0.40	0.15	ug/L		08/24/15 17:40	08/25/15 05:49	1
Cadmium, Dissolved	77		0.50	0.043	ug/L		08/24/15 17:40	08/25/15 05:49	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 05:49	1
Cobalt, Dissolved	96		0.40	0.12	ug/L		08/24/15 17:40	08/25/15 05:49	1
Copper, Dissolved	3700	E	1.0	0.50	ug/L		08/24/15 17:40	08/25/15 05:49	1
Lead, Dissolved	3.2		0.30	0.060	ug/L		08/24/15 17:40	08/25/15 05:49	1
Manganese, Dissolved	30000	E	2.5	1.2	ug/L		08/24/15 17:40	08/25/15 05:49	1
Molybdenum, Dissolved	0.66	J	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 05:49	1
Nickel, Dissolved	57		1.0	0.40	ug/L		08/24/15 17:40	08/25/15 05:49	1
Selenium, Dissolved	6.1	B ^	2.0	0.58	ug/L		08/24/15 17:40	08/25/15 05:49	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 05:49	1
Thallium, Dissolved	0.23		0.20	0.10	ug/L		08/24/15 17:40	08/25/15 05:49	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 05:49	1
Zinc, Dissolved	20000	E	20	2.8	ug/L		08/24/15 17:40	08/25/15 05:49	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	1000		3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 03:02	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/25/15 00:36	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.38	HF			SU			08/24/15 22:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 22:36	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-397770/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/24/15 10:40	1

Lab Sample ID: LCS 680-397770/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	0.999	1.04		mg/L		104	90 - 110

Lab Sample ID: LCSD 680-397770/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.999	1.04		mg/L		104	90 - 110	0	30

Lab Sample ID: 680-115965-27 MS — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	0.041	J	0.999	1.09		mg/L		105	80 - 120

Lab Sample ID: 680-115965-27 MSD — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.041	J	0.999	1.10		mg/L		106	80 - 120	1	30

Lab Sample ID: MB 680-397814/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			08/24/15 17:10	1
Fluoride	0.040	U	0.10	0.040	mg/L			08/24/15 17:10	1

Lab Sample ID: LCS 680-397814/93 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.81		mg/L		98	90 - 110
Fluoride	2.00	2.02		mg/L		101	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-397814/94 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			10.0	9.81		mg/L		98	90 - 110	0	30
Fluoride			2.00	2.02		mg/L		101	90 - 110	0	30

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	0.48	J	10.0	9.86		mg/L		94	80 - 120		
Fluoride	0.57		2.00	2.37		mg/L		90	80 - 120		

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	0.48	J	10.0	9.99		mg/L		95	80 - 120	1	30
Fluoride	0.57		2.00	2.40		mg/L		91	80 - 120	1	30

Lab Sample ID: 680-115965-27 MS — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	23		10.0	32.3		mg/L		96	80 - 120		
Fluoride	0.39		2.00	2.34		mg/L		97	80 - 120		

Lab Sample ID: 680-115965-27 MSD — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	23		10.0	32.3		mg/L		97	80 - 120	0	30
Fluoride	0.39		2.00	2.35		mg/L		98	80 - 120	0	30

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397814

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chloride	0.48	J		0.468	J	mg/L				2	30
Fluoride	0.57			0.461		mg/L				21	30

Lab Sample ID: MB 680-397828/26 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			08/24/15 17:14	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-397828/26 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.040	U	0.10	0.040	mg/L			08/24/15 17:14	1

Lab Sample ID: LCS 680-397828/40 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	2.00	2.06		mg/L		103	90 - 110

Lab Sample ID: LCSD 680-397828/41 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397828

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	30
Fluoride	2.00	2.07		mg/L		104	90 - 110	0	30

Lab Sample ID: 680-115965-28 MS — **Client Sample ID: GKMSW05_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22		10.0	32.2		mg/L		100	80 - 120
Fluoride	0.41		2.00	2.39		mg/L		99	80 - 120

Lab Sample ID: 680-115965-28 MSD — **Client Sample ID: GKMSW05_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	22		10.0	32.2		mg/L		100	80 - 120	0	30
Fluoride	0.41		2.00	2.41		mg/L		100	80 - 120	1	30

Lab Sample ID: MB 680-397838/29 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/24/15 20:57	1

Lab Sample ID: LCS 680-397838/30 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.00	1.03		mg/L		103	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-397838/31 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397838

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			1.00	1.04		mg/L		104	90 - 110	0	30

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	0.051	H	0.999	1.12	H	mg/L		107	80 - 120		

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.051	H	0.999	1.07	H	mg/L		102	80 - 120	5	30

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397838

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nitrate as N	0.051	H		0.0516		mg/L				0.9	30

Lab Sample ID: MB 680-397839/56 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397839

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/25/15 03:53	1

Lab Sample ID: LCS 680-397839/57 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397839

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			0.999	1.04		mg/L		104	90 - 110		

Lab Sample ID: LCSD 680-397839/58 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397839

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			0.999	1.04		mg/L		104	90 - 110	0	30

Lab Sample ID: 680-115965-21 MS — **Client Sample ID: GKMSW01_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397839

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	0.059	H	0.999	1.11		mg/L		105	80 - 120		

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Lab Sample ID: 680-115965-21 MSD — **Client Sample ID: GKMSW01_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397839

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.059	H	0.999	1.11		mg/L		105	80 - 120	0	30

Lab Sample ID: MB 680-397842/117 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			08/25/15 00:32	1

Lab Sample ID: LCS 680-397842/118 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 680-397842/119 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397842

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.6		mg/L		106	90 - 110	1	30

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	92		40.0	133		mg/L		101	80 - 120

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397842

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	92		40.0	134		mg/L		105	80 - 120	1	30

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397842

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	92		92.8		mg/L		0.5	30

Lab Sample ID: MB 680-397846/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			08/24/15 18:21	1
Fluoride	0.040	U	0.10	0.040	mg/L			08/24/15 18:21	1
Sulfate	0.40	U	1.0	0.40	mg/L			08/24/15 18:21	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Lab Sample ID: LCS 680-397846/28 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	2.00	2.10		mg/L		105	90 - 110
Sulfate	10.0	9.96		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-397846/29 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	30
Fluoride	2.00	2.10		mg/L		105	90 - 110	0	30
Sulfate	10.0	10.0		mg/L		100	90 - 110	1	30

Lab Sample ID: 680-115965-21 MS — **Client Sample ID: GKMSW01_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22		10.0	32.0		mg/L		102	80 - 120
Fluoride	0.62		2.00	2.37		mg/L		87	80 - 120

Lab Sample ID: 680-115965-21 MS — **Client Sample ID: GKMSW01_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.83		8.00	8.06		mg/L		90	80 - 120
Sulfate	130	F1	40.0	164	F1	mg/L		78	80 - 120

Lab Sample ID: 680-115965-21 MSD — **Client Sample ID: GKMSW01_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	22		10.0	32.1		mg/L		103	80 - 120	0	30
Fluoride	0.62		2.00	2.39		mg/L		89	80 - 120	1	30

Lab Sample ID: 680-115965-21 MSD — **Client Sample ID: GKMSW01_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.83		8.00	8.16		mg/L		92	80 - 120	1	30
Sulfate	130	F1	40.0	163	F1	mg/L		73	80 - 120	1	30

Lab Sample ID: MB 680-397869/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.040	U	0.10	0.040	mg/L			08/25/15 08:32	1
Sulfate	0.40	U	1.0	0.40	mg/L			08/25/15 08:32	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Lab Sample ID: LCS 680-397869/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397869

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride			2.00	2.13		mg/L		107	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-397869/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397869

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride			2.00	2.13		mg/L		107	90 - 110	0	30
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	30

Lab Sample ID: 680-115965-27 MS — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	0.40	J	10.0	10.1		mg/L		97	80 - 120		
Sulfate	130		50.0	176		mg/L		95	80 - 120		

Lab Sample ID: 680-115965-27 MSD — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.40	J	10.0	9.74		mg/L		93	80 - 120	4	30
Sulfate	130		50.0	174		mg/L		92	80 - 120	1	30

Lab Sample ID: 680-115965-27 DU — **Client Sample ID: GKMSW04_082315D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397869

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Fluoride	0.40	J		0.387	J	mg/L				4	30
Sulfate	130			128		mg/L				0.2	30

Lab Sample ID: MB 680-397872/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			08/25/15 08:33	1

Lab Sample ID: LCS 680-397872/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397872

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			10.0	10.1		mg/L		101	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-397872/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397872

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.1		mg/L		101	90 - 110	0	30

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-397807/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397807**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:14	08/24/15 22:23	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:14	08/24/15 22:23	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/24/15 17:14	08/24/15 22:23	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/24/15 17:14	08/24/15 22:23	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/24/15 17:14	08/24/15 22:23	1

Lab Sample ID: LCS 680-397807/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397807**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	2000	2160		ug/L		108	85 - 115
Iron, Dissolved	2000	2140		ug/L		107	85 - 115
Magnesium, Dissolved	2000	2210		ug/L		111	85 - 115
Potassium, Dissolved	2000	2260		ug/L		113	85 - 115
Sodium, Dissolved	2000	2190		ug/L		109	85 - 115

Lab Sample ID: MB 680-397816/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397816**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 00:27	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 17:49	08/25/15 00:27	1
Calcium	223	J	500	25	ug/L		08/24/15 17:49	08/25/15 00:27	1
Calcium, Dissolved	223	J	500	25	ug/L		08/24/15 17:49	08/25/15 00:27	1
Magnesium	33	U	500	33	ug/L		08/24/15 17:49	08/25/15 00:27	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/24/15 17:49	08/25/15 00:27	1
Potassium	17	U	1000	17	ug/L		08/24/15 17:49	08/25/15 00:27	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/24/15 17:49	08/25/15 00:27	1
Sodium	480	U	1000	480	ug/L		08/24/15 17:49	08/25/15 00:27	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/24/15 17:49	08/25/15 00:27	1

Lab Sample ID: MB 680-397816/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397816**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 19:25	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 17:49	08/25/15 19:25	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Lab Sample ID: LCS 680-397816/2-A
Matrix: Water
Analysis Batch: 397961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	1930		ug/L		97	85 - 115
Aluminum, Dissolved	2000	1930		ug/L		97	85 - 115
Calcium	2000	2060		ug/L		103	85 - 115
Calcium, Dissolved	2000	2060		ug/L		103	85 - 115
Magnesium	2000	1960		ug/L		98	85 - 115
Magnesium, Dissolved	2000	1960		ug/L		98	85 - 115
Potassium	2000	2040		ug/L		102	85 - 115
Potassium, Dissolved	2000	2040		ug/L		102	85 - 115
Sodium	2000	2010		ug/L		100	85 - 115
Sodium, Dissolved	2000	2010		ug/L		100	85 - 115

Lab Sample ID: LCS 680-397816/2-A
Matrix: Water
Analysis Batch: 398063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	2000	1990		ug/L		99	85 - 115
Iron, Dissolved	2000	1990		ug/L		99	85 - 115

Lab Sample ID: MB 680-397823/1-A
Matrix: Water
Analysis Batch: 397961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 18:49	08/25/15 02:48	1
Calcium	27.8	J	500	25	ug/L		08/24/15 18:49	08/25/15 02:48	1
Magnesium	33	U	500	33	ug/L		08/24/15 18:49	08/25/15 02:48	1
Potassium	17	U	1000	17	ug/L		08/24/15 18:49	08/25/15 02:48	1
Sodium	480	U	1000	480	ug/L		08/24/15 18:49	08/25/15 02:48	1

Lab Sample ID: MB 680-397823/1-A
Matrix: Water
Analysis Batch: 398063

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	30.7	J	50	17	ug/L		08/24/15 18:49	08/25/15 16:52	1

Lab Sample ID: LCS 680-397823/2-A
Matrix: Water
Analysis Batch: 397961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2170		ug/L		108	85 - 115
Calcium	2000	2270		ug/L		113	85 - 115
Magnesium	2000	2220		ug/L		111	85 - 115
Potassium	2000	2300		ug/L		115	85 - 115
Sodium	2000	2170		ug/L		108	85 - 115

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-397823/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397823**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	2000	2270		ug/L		114	85 - 115

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	71	J	2000	2020		ug/L		97	75 - 125
Calcium	48000	B	2000	49300	4	ug/L		43	75 - 125
Magnesium	2900		2000	4740		ug/L		94	75 - 125
Potassium	650	J	2000	2720		ug/L		104	75 - 125
Sodium	2100		2000	3840		ug/L		89	75 - 125

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	190	B	2000	2170		ug/L		99	75 - 125

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	71	J	2000	2050		ug/L		99	75 - 125	2	20
Calcium	48000	B	2000	50200	4	ug/L		87	75 - 125	2	20
Magnesium	2900		2000	4810		ug/L		98	75 - 125	2	20
Potassium	650	J	2000	2760		ug/L		105	75 - 125	1	20
Sodium	2100		2000	3990		ug/L		97	75 - 125	4	20

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	190	B	2000	2200		ug/L		100	75 - 125	1	20

Lab Sample ID: 680-115965-23 MS — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	540		2000	2450		ug/L		96	75 - 125
Calcium	49000	B	2000	47100	4	ug/L		-90	75 - 125
Magnesium	5200		2000	6780		ug/L		76	75 - 125
Potassium	930	J	2000	2920		ug/L		100	75 - 125
Sodium	2500		2000	4480		ug/L		100	75 - 125

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115965-23 MS — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	940	B	2000	2860		ug/L		96	75 - 125

Lab Sample ID: 680-115965-23 MSD — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	540		2000	2460		ug/L		96	75 - 125	0	20
Calcium	49000	B	2000	47400	4	ug/L		-76	75 - 125	1	20
Magnesium	5200		2000	6800		ug/L		77	75 - 125	0	20
Potassium	930	J	2000	2930		ug/L		100	75 - 125	0	20
Sodium	2500		2000	4380		ug/L		95	75 - 125	2	20

Lab Sample ID: 680-115965-23 MSD — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	940		2000	2870		ug/L					

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	71	J	70.8	J	ug/L		0.6	20
Calcium	48000	B	46700		ug/L		4	20
Magnesium	2900		2770		ug/L		3	20
Potassium	650	J	630	J	ug/L		3	20
Sodium	2100		1840		ug/L		11	20

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397823**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	190	B	168		ug/L		12	20

Lab Sample ID: MB 680-397824/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/24/15 19:30	08/25/15 04:59	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/24/15 19:30	08/25/15 04:59	1
Calcium	41.4	J	500	25	ug/L		08/24/15 19:30	08/25/15 04:59	1
Calcium, Dissolved	41.4	J	500	25	ug/L		08/24/15 19:30	08/25/15 04:59	1
Iron	17	U	50	17	ug/L		08/24/15 19:30	08/25/15 04:59	1
Iron, Dissolved	17	U	50	17	ug/L		08/24/15 19:30	08/25/15 04:59	1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MB 680-397824/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	33	U	500	33	ug/L		08/24/15 19:30	08/25/15 04:59	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/24/15 19:30	08/25/15 04:59	1
Potassium	17	U	1000	17	ug/L		08/24/15 19:30	08/25/15 04:59	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/24/15 19:30	08/25/15 04:59	1
Sodium	480	U	1000	480	ug/L		08/24/15 19:30	08/25/15 04:59	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/24/15 19:30	08/25/15 04:59	1

Lab Sample ID: LCS 680-397824/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2170		ug/L		108	85 - 115
Aluminum, Dissolved	2000	2170		ug/L		108	85 - 115
Calcium	2000	2300		ug/L		115	85 - 115
Calcium, Dissolved	2000	2300		ug/L		115	85 - 115
Iron	2000	2150		ug/L		108	85 - 115
Iron, Dissolved	2000	2150		ug/L		108	85 - 115
Magnesium	2000	2160		ug/L		108	85 - 115
Magnesium, Dissolved	2000	2160		ug/L		108	85 - 115
Potassium	2000	2240		ug/L		112	85 - 115
Potassium, Dissolved	2000	2240		ug/L		112	85 - 115
Sodium	2000	2110		ug/L		106	85 - 115
Sodium, Dissolved	2000	2110		ug/L		106	85 - 115

Lab Sample ID: 680-115965-35 MS — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24	U	2000	1990		ug/L		99	75 - 125
Aluminum, Dissolved	24	U	2000	1990		ug/L		99	75 - 125
Calcium	76000	B	2000	79800	4	ug/L		180	75 - 125
Calcium, Dissolved	76000	B	2000	79800	4	ug/L		180	75 - 125
Iron	78		2000	2010		ug/L		97	75 - 125
Iron, Dissolved	78		2000	2010		ug/L		97	75 - 125
Magnesium	11000		2000	13600	4	ug/L		105	75 - 125
Magnesium, Dissolved	11000		2000	13600	4	ug/L		105	75 - 125
Potassium	1100		2000	3330		ug/L		110	75 - 125
Potassium, Dissolved	1100		2000	3330		ug/L		110	75 - 125
Sodium	3800		2000	6060		ug/L		115	75 - 125
Sodium, Dissolved	3800		2000	6060		ug/L		115	75 - 125

Lab Sample ID: 680-115965-35 MSD — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	24	U	2000	2000		ug/L		100	75 - 125	1	20

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115965-35 MSD — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum, Dissolved	24	U	2000	2000		ug/L		100	75 - 125	1	20
Calcium	76000	B	2000	79800	4	ug/L		177	75 - 125	0	20
Calcium, Dissolved	76000	B	2000	79800	4	ug/L		177	75 - 125	0	20
Iron	78		2000	2030		ug/L		98	75 - 125	1	20
Iron, Dissolved	78		2000	2030		ug/L		98	75 - 125	1	20
Magnesium	11000		2000	13600	4	ug/L		105	75 - 125	0	20
Magnesium, Dissolved	11000		2000	13600	4	ug/L		105	75 - 125	0	20
Potassium	1100		2000	3350		ug/L		111	75 - 125	1	20
Potassium, Dissolved	1100		2000	3350		ug/L		111	75 - 125	1	20
Sodium	3800		2000	5860		ug/L		104	75 - 125	3	20
Sodium, Dissolved	3800		2000	5860		ug/L		104	75 - 125	3	20

Lab Sample ID: 680-115965-35 DU — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397824**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	24	U	24	U	ug/L		NC	20
Aluminum, Dissolved	24	U	24	U	ug/L		NC	20
Calcium	76000	B	79800		ug/L		5	20
Calcium, Dissolved	76000	B	79800		ug/L		5	20
Iron	78		80.1		ug/L		3	20
Iron, Dissolved	78		80.1		ug/L		3	20
Magnesium	11000		12000		ug/L		5	20
Magnesium, Dissolved	11000		12000		ug/L		5	20
Potassium	1100		1190		ug/L		5	20
Potassium, Dissolved	1100		1190		ug/L		5	20
Sodium	3800		3910		ug/L		4	20
Sodium, Dissolved	3800		3910		ug/L		4	20

Lab Sample ID: MB 680-397996/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397996**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	27.0	J	500	25	ug/L		08/25/15 14:48	08/26/15 03:16	1

Lab Sample ID: LCS 680-397996/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 398063 — **Prep Batch: 397996**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium, Dissolved	2000	2130		ug/L		107	85 - 115

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115965-7 MS — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397807**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	30000		2000	32300	4	ug/L		134	75 - 125
Iron, Dissolved	100000		2000	107000	4	ug/L		206	75 - 125
Potassium, Dissolved	2300	F1	2000	4880	F1	ug/L		127	75 - 125
Sodium, Dissolved	480	U	2000	1610		ug/L		80	75 - 125

Lab Sample ID: 680-115965-7 MS — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397807**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium, Dissolved	26000		2000	28500	4	ug/L		147	75 - 125

Lab Sample ID: 680-115965-7 MSD — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397807**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum, Dissolved	30000		2000	32300	4	ug/L		137	75 - 125	0	20
Iron, Dissolved	100000		2000	107000	4	ug/L		191	75 - 125	0	20
Potassium, Dissolved	2300	F1	2000	4910	F1	ug/L		129	75 - 125	1	20
Sodium, Dissolved	480	U	2000	1800		ug/L		90	75 - 125	11	20

Lab Sample ID: 680-115965-7 MSD — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397807**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Magnesium, Dissolved	26000		2000	28400	4	ug/L		140	75 - 125	0	20

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	46	J	2000	2010		ug/L		98	75 - 125
Calcium, Dissolved	50000	B	2000	50700	4	ug/L		54	75 - 125
Magnesium, Dissolved	2900		2000	4820		ug/L		95	75 - 125
Potassium, Dissolved	670	J	2000	2760		ug/L		104	75 - 125
Sodium, Dissolved	2100		2000	3990		ug/L		93	75 - 125

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398063 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron, Dissolved	18	J	2000	2010		ug/L		99	75 - 125

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum, Dissolved	46	J	2000	1970		ug/L		96	75 - 125	2	20
Calcium, Dissolved	50000	B	2000	49900	4	ug/L		14	75 - 125	2	20
Magnesium, Dissolved	2900		2000	4740		ug/L		91	75 - 125	2	20
Potassium, Dissolved	670	J	2000	2710		ug/L		102	75 - 125	2	20
Sodium, Dissolved	2100		2000	4110		ug/L		99	75 - 125	3	20

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398063 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron, Dissolved	18	J	2000	1990		ug/L		99	75 - 125	1	20

Lab Sample ID: 680-115965-3 MS — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	1900		2000	3700		ug/L		92	75 - 125
Calcium, Dissolved	68000	B	2000	68000	4	ug/L		20	75 - 125
Magnesium, Dissolved	4500		2000	6280		ug/L		87	75 - 125
Potassium, Dissolved	840	J	2000	2870		ug/L		101	75 - 125
Sodium, Dissolved	3000		2000	4780		ug/L		92	75 - 125

Lab Sample ID: 680-115965-3 MS — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398063 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron, Dissolved	3000		2000	4780		ug/L		91	75 - 125

Lab Sample ID: 680-115965-3 MSD — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1900		2000	4010		ug/L		107	75 - 125	8	20
Aluminum, Dissolved	1900		2000	4010		ug/L		107	75 - 125	8	20
Calcium	68000	B	2000	73300	4	ug/L		288	75 - 125	8	20
Calcium, Dissolved	68000	B	2000	73300	4	ug/L		288	75 - 125	8	20
Magnesium	4500		2000	6850		ug/L		116	75 - 125	9	20
Magnesium, Dissolved	4500		2000	6850		ug/L		116	75 - 125	9	20
Potassium	840	J	2000	3070		ug/L		111	75 - 125	7	20
Potassium, Dissolved	840	J	2000	3070		ug/L		111	75 - 125	7	20
Sodium	3000		2000	5340		ug/L		120	75 - 125	11	20
Sodium, Dissolved	3000		2000	5340		ug/L		120	75 - 125	11	20

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115965-3 MSD — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398063 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron, Dissolved	3000		2000	5160		ug/L		110	75 - 125	8	20

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397961 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	46	J	42.6	J	ug/L		7	20
Aluminum, Dissolved	46	J	42.6	J	ug/L		7	20
Calcium	50000	B	48200		ug/L		3	20
Calcium, Dissolved	50000	B	48200		ug/L		3	20
Magnesium	2900		2850		ug/L		3	20
Magnesium, Dissolved	2900		2850		ug/L		3	20
Potassium	670	J	657	J	ug/L		3	20
Potassium, Dissolved	670	J	657	J	ug/L		3	20
Sodium	2100		2010		ug/L		6	20
Sodium, Dissolved	2100		2010		ug/L		6	20

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398063 — **Prep Batch: 397816**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron, Dissolved	18	J	17.3	J	ug/L		7	20

Lab Sample ID: 680-115965-7 MS — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398158 — **Prep Batch: 397996**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium, Dissolved	370000	B	2000	367000	4	ug/L		-270	75 - 125

Lab Sample ID: 680-115965-7 MSD — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 398158 — **Prep Batch: 397996**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium, Dissolved	370000	B	2000	370000	4	ug/L		-133	75 - 125	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-397805/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397805**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:08	08/25/15 01:21	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:08	08/25/15 01:21	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/24/15 17:08	08/25/15 01:21	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-397805/1-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:08	08/25/15 01:21	1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L		08/24/15 17:08	08/25/15 01:21	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:08	08/25/15 01:21	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/24/15 17:08	08/25/15 01:21	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/24/15 17:08	08/25/15 01:21	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 17:08	08/25/15 01:21	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/24/15 17:08	08/25/15 01:21	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/24/15 17:08	08/25/15 01:21	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:08	08/25/15 01:21	1
Selenium, Dissolved	0.58	U ^	2.0	0.58	ug/L		08/24/15 17:08	08/25/15 01:21	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:08	08/25/15 01:21	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:08	08/25/15 01:21	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:08	08/25/15 01:21	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/24/15 17:08	08/25/15 01:21	1

Lab Sample ID: LCS 680-397805/2-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony, Dissolved	20.0	24.3	*	ug/L		121	85 - 115
Arsenic, Dissolved	40.0	45.2		ug/L		113	85 - 115
Barium, Dissolved	40.0	48.1	*	ug/L		120	85 - 115
Beryllium, Dissolved	20.0	22.5		ug/L		113	85 - 115
Cadmium, Dissolved	20.0	23.3	*	ug/L		117	85 - 115
Chromium, Dissolved	40.0	41.9		ug/L		105	85 - 115
Cobalt, Dissolved	20.0	22.0		ug/L		110	85 - 115
Copper, Dissolved	40.0	41.5		ug/L		104	85 - 115
Lead, Dissolved	200	206		ug/L		103	85 - 115
Manganese, Dissolved	200	212		ug/L		106	85 - 115
Molybdenum, Dissolved	40.0	46.2	*	ug/L		116	85 - 115
Nickel, Dissolved	40.0	41.1		ug/L		103	85 - 115
Selenium, Dissolved	40.0	53.5	^ *	ug/L		134	85 - 115
Silver, Dissolved	20.0	23.1	*	ug/L		116	85 - 115
Thallium, Dissolved	16.0	17.8		ug/L		111	85 - 115
Vanadium, Dissolved	40.0	42.9		ug/L		107	85 - 115
Zinc, Dissolved	40.0	46.2		ug/L		115	85 - 115

Lab Sample ID: MB 680-397812/1-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 03:43	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 03:43	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 03:43	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 17:40	08/25/15 03:43	1
Barium	0.14	U	2.0	0.14	ug/L		08/24/15 17:40	08/25/15 03:43	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/24/15 17:40	08/25/15 03:43	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-397812/1-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 03:43	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 17:40	08/25/15 03:43	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 03:43	1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L		08/24/15 17:40	08/25/15 03:43	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 03:43	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 17:40	08/25/15 03:43	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 03:43	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/24/15 17:40	08/25/15 03:43	1
Copper	0.50	U	1.0	0.50	ug/L		08/24/15 17:40	08/25/15 03:43	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/24/15 17:40	08/25/15 03:43	1
Lead	0.060	U	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 03:43	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 17:40	08/25/15 03:43	1
Manganese	1.2	U	2.5	1.2	ug/L		08/24/15 17:40	08/25/15 03:43	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/24/15 17:40	08/25/15 03:43	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 03:43	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/24/15 17:40	08/25/15 03:43	1
Nickel	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 03:43	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 17:40	08/25/15 03:43	1
Selenium	9.22		2.0	0.58	ug/L		08/24/15 17:40	08/25/15 03:43	1
Selenium, Dissolved	9.22		2.0	0.58	ug/L		08/24/15 17:40	08/25/15 03:43	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 03:43	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 17:40	08/25/15 03:43	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 03:43	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 17:40	08/25/15 03:43	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 03:43	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 17:40	08/25/15 03:43	1
Zinc	2.8	U	20	2.8	ug/L		08/24/15 17:40	08/25/15 03:43	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/24/15 17:40	08/25/15 03:43	1

Lab Sample ID: LCS 680-397812/2-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	20.0	21.4		ug/L		107	85 - 115
Antimony, Dissolved	20.0	21.4		ug/L		107	85 - 115
Arsenic	40.0	40.0		ug/L		100	85 - 115
Arsenic, Dissolved	40.0	40.0		ug/L		100	85 - 115
Barium	40.0	42.4		ug/L		106	85 - 115
Barium, Dissolved	40.0	42.4		ug/L		106	85 - 115
Beryllium	20.0	20.9		ug/L		104	85 - 115
Beryllium, Dissolved	20.0	20.9		ug/L		104	85 - 115
Cadmium	20.0	20.9		ug/L		105	85 - 115
Cadmium, Dissolved	20.0	20.9		ug/L		105	85 - 115
Chromium	40.0	39.2		ug/L		98	85 - 115
Chromium, Dissolved	40.0	39.2		ug/L		98	85 - 115
Cobalt	20.0	20.6		ug/L		103	85 - 115
Cobalt, Dissolved	20.0	20.6		ug/L		103	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-397812/2-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	40.0	38.4		ug/L		96	85 - 115
Copper, Dissolved	40.0	38.4		ug/L		96	85 - 115
Lead	200	182		ug/L		91	85 - 115
Lead, Dissolved	200	182		ug/L		91	85 - 115
Manganese	200	198		ug/L		99	85 - 115
Manganese, Dissolved	200	198		ug/L		99	85 - 115
Molybdenum	40.0	41.9		ug/L		105	85 - 115
Molybdenum, Dissolved	40.0	41.9		ug/L		105	85 - 115
Nickel	40.0	38.9		ug/L		97	85 - 115
Nickel, Dissolved	40.0	38.9		ug/L		97	85 - 115
Selenium	40.0	45.2		ug/L		113	85 - 115
Selenium, Dissolved	40.0	45.2		ug/L		113	85 - 115
Silver	20.0	21.5		ug/L		108	85 - 115
Silver, Dissolved	20.0	21.5		ug/L		108	85 - 115
Thallium	16.0	15.6		ug/L		97	85 - 115
Thallium, Dissolved	16.0	15.6		ug/L		97	85 - 115
Vanadium	40.0	40.1		ug/L		100	85 - 115
Vanadium, Dissolved	40.0	40.1		ug/L		100	85 - 115
Zinc	40.0	42.9		ug/L		107	85 - 115
Zinc, Dissolved	40.0	42.9		ug/L		107	85 - 115

Lab Sample ID: MB 680-397821/1-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397821

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 06:21	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 18:39	08/25/15 06:21	1
Barium	0.14	U	2.0	0.14	ug/L		08/24/15 18:39	08/25/15 06:21	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 18:39	08/25/15 06:21	1
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 18:39	08/25/15 06:21	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 18:39	08/25/15 06:21	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 18:39	08/25/15 06:21	1
Copper	0.50	U	1.0	0.50	ug/L		08/24/15 18:39	08/25/15 06:21	1
Lead	0.060	U	0.30	0.060	ug/L		08/24/15 18:39	08/25/15 06:21	1
Manganese	1.2	U	2.5	1.2	ug/L		08/24/15 18:39	08/25/15 06:21	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/24/15 18:39	08/25/15 06:21	1
Nickel	0.40	U	1.0	0.40	ug/L		08/24/15 18:39	08/25/15 06:21	1
Selenium	3.05		2.0	0.58	ug/L		08/24/15 18:39	08/25/15 06:21	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 18:39	08/25/15 06:21	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 18:39	08/25/15 06:21	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 18:39	08/25/15 06:21	1
Zinc	2.8	U	20	2.8	ug/L		08/24/15 18:39	08/25/15 06:21	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-397821/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	20.0	23.2	*	ug/L		116	85 - 115
Arsenic	40.0	43.9		ug/L		110	85 - 115
Barium	40.0	45.2		ug/L		113	85 - 115
Beryllium	20.0	22.5		ug/L		112	85 - 115
Cadmium	20.0	22.6		ug/L		113	85 - 115
Chromium	40.0	40.7		ug/L		102	85 - 115
Cobalt	20.0	21.7		ug/L		109	85 - 115
Copper	40.0	40.4		ug/L		101	85 - 115
Lead	200	198		ug/L		99	85 - 115
Manganese	200	209		ug/L		105	85 - 115
Molybdenum	40.0	45.2		ug/L		113	85 - 115
Nickel	40.0	40.7		ug/L		102	85 - 115
Selenium	40.0	46.6	*	ug/L		117	85 - 115
Silver	40.0	41.7		ug/L		104	85 - 115
Thallium	16.0	16.9		ug/L		106	85 - 115
Vanadium	40.0	42.1		ug/L		105	85 - 115
Zinc	40.0	43.5		ug/L		109	85 - 115

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.40	U *	20.0	21.9		ug/L		109	70 - 130
Arsenic	0.37	U	40.0	42.2		ug/L		105	70 - 130
Barium	26		40.0	66.8		ug/L		103	70 - 130
Beryllium	0.15	U	20.0	21.1		ug/L		106	70 - 130
Cadmium	0.86		20.0	21.5		ug/L		103	70 - 130
Chromium	1.0	U	40.0	37.9		ug/L		95	70 - 130
Cobalt	0.49		20.0	20.3		ug/L		99	70 - 130
Copper	5.8		40.0	40.7		ug/L		87	70 - 130
Lead	1.8		200	180		ug/L		89	70 - 130
Manganese	930		200	1090	4	ug/L		79	70 - 130
Molybdenum	2.0		40.0	43.9		ug/L		105	70 - 130
Nickel	0.97	J	40.0	37.8		ug/L		92	70 - 130
Selenium	3.9	B * ^	40.0	45.5		ug/L		104	70 - 130
Silver	0.10	U	20.0	20.5		ug/L		103	70 - 130
Thallium	0.10	U	16.0	15.7		ug/L		98	70 - 130
Vanadium	0.30	U	40.0	39.2		ug/L		98	70 - 130
Zinc	260		40.0	281	4	ug/L		61	70 - 130

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.40	U *	20.0	21.6		ug/L		108	70 - 130	1	20
Arsenic	0.37	U	40.0	41.7		ug/L		104	70 - 130	1	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	26		40.0	66.1		ug/L		101	70 - 130	1	20
Beryllium	0.15	U	20.0	21.2		ug/L		106	70 - 130	0	20
Cadmium	0.86		20.0	21.2		ug/L		102	70 - 130	1	20
Chromium	1.0	U	40.0	37.4		ug/L		94	70 - 130	1	20
Cobalt	0.49		20.0	20.1		ug/L		98	70 - 130	1	20
Copper	5.8		40.0	40.5		ug/L		87	70 - 130	0	20
Lead	1.8		200	180		ug/L		89	70 - 130	0	20
Manganese	930		200	1090	4	ug/L		78	70 - 130	0	20
Molybdenum	2.0		40.0	43.4		ug/L		104	70 - 130	1	20
Nickel	0.97	J	40.0	37.6		ug/L		91	70 - 130	1	20
Selenium	3.9	B * ^	40.0	44.0		ug/L		100	70 - 130	3	20
Silver	0.10	U	20.0	20.4		ug/L		102	70 - 130	1	20
Thallium	0.10	U	16.0	15.5		ug/L		97	70 - 130	1	20
Vanadium	0.30	U	40.0	39.3		ug/L		98	70 - 130	0	20
Zinc	260		40.0	280	4	ug/L		59	70 - 130	0	20

Lab Sample ID: 680-115965-23 MS — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.40	U *	20.0	22.2		ug/L		111	70 - 130
Arsenic	0.64	J	40.0	42.1		ug/L		104	70 - 130
Barium	40		40.0	78.1		ug/L		96	70 - 130
Beryllium	0.15	U	20.0	21.2		ug/L		106	70 - 130
Cadmium	0.62		20.0	22.0		ug/L		107	70 - 130
Chromium	1.0	U	40.0	38.2		ug/L		96	70 - 130
Cobalt	2.2		20.0	21.4		ug/L		96	70 - 130
Copper	18		40.0	52.1		ug/L		84	70 - 130
Lead	5.8		200	185		ug/L		90	70 - 130
Manganese	490		200	649		ug/L		79	70 - 130
Molybdenum	0.79	J	40.0	42.5		ug/L		104	70 - 130
Nickel	1.9		40.0	38.5		ug/L		92	70 - 130
Selenium	1.8	J B * ^	40.0	44.3		ug/L		106	70 - 130
Silver	0.10	U	20.0	20.6		ug/L		103	70 - 130
Thallium	0.10	U	16.0	15.6		ug/L		98	70 - 130
Vanadium	0.34	J	40.0	39.8		ug/L		99	70 - 130
Zinc	200		40.0	221	4	ug/L		49	70 - 130

Lab Sample ID: 680-115965-23 MSD — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.40	U *	20.0	21.9		ug/L		109	70 - 130	1	20
Arsenic	0.64	J	40.0	43.0		ug/L		106	70 - 130	2	20
Barium	40		40.0	78.3		ug/L		96	70 - 130	0	20
Beryllium	0.15	U	20.0	21.2		ug/L		106	70 - 130	0	20
Cadmium	0.62		20.0	21.3		ug/L		103	70 - 130	3	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-23 MSD — **Client Sample ID: GKMSW02_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	1.0	U	40.0	37.6		ug/L		94	70 - 130	2	20
Cobalt	2.2		20.0	21.7		ug/L		97	70 - 130	1	20
Copper	18		40.0	51.1		ug/L		82	70 - 130	2	20
Lead	5.8		200	186		ug/L		90	70 - 130	0	20
Manganese	490		200	648		ug/L		78	70 - 130	0	20
Molybdenum	0.79	J	40.0	42.8		ug/L		105	70 - 130	1	20
Nickel	1.9		40.0	38.4		ug/L		91	70 - 130	0	20
Selenium	1.8	J B * ^	40.0	43.5		ug/L		104	70 - 130	2	20
Silver	0.10	U	20.0	20.7		ug/L		103	70 - 130	0	20
Thallium	0.10	U	16.0	15.7		ug/L		98	70 - 130	0	20
Vanadium	0.34	J	40.0	39.5		ug/L		98	70 - 130	1	20
Zinc	200		40.0	223	4	ug/L		55	70 - 130	1	20

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397821**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	0.40	U *	0.40	U *	ug/L		NC	20
Arsenic	0.37	U	0.37	U	ug/L		NC	20
Barium	26		24.9		ug/L		3	20
Beryllium	0.15	U	0.15	U	ug/L		NC	20
Cadmium	0.86		0.860		ug/L		0.1	20
Chromium	1.0	U	1.0	U	ug/L		NC	20
Cobalt	0.49		0.467		ug/L		5	20
Copper	5.8		4.97		ug/L		15	20
Lead	1.8		1.75		ug/L		3	20
Manganese	930		905		ug/L		3	20
Molybdenum	2.0		1.93		ug/L		2	20
Nickel	0.97	J	0.896	J	ug/L		8	20
Selenium	3.9	B * ^	4.12	*	ug/L		6	20
Silver	0.10	U	0.10	U	ug/L		NC	20
Thallium	0.10	U	0.10	U	ug/L		NC	20
Vanadium	0.30	U	0.30	U	ug/L		NC	20
Zinc	260		246		ug/L		4	20

Lab Sample ID: MB 680-397826/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397826**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 08:57	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 08:57	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 08:57	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/24/15 19:34	08/25/15 08:57	1
Barium	0.14	U	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 08:57	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/24/15 19:34	08/25/15 08:57	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 08:57	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/24/15 19:34	08/25/15 08:57	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-397826/1-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 397826

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.043	U	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 08:57	1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L		08/24/15 19:34	08/25/15 08:57	1
Chromium	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 08:57	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/24/15 19:34	08/25/15 08:57	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/24/15 19:34	08/25/15 08:57	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/24/15 19:34	08/25/15 08:57	1
Copper	0.760	J	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 08:57	1
Copper, Dissolved	0.760	J	1.0	0.50	ug/L		08/24/15 19:34	08/25/15 08:57	1
Lead	0.060	U	0.30	0.060	ug/L		08/24/15 19:34	08/25/15 08:57	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/24/15 19:34	08/25/15 08:57	1
Manganese	1.2	U	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 08:57	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/24/15 19:34	08/25/15 08:57	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 08:57	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/24/15 19:34	08/25/15 08:57	1
Nickel	0.40	U	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 08:57	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/24/15 19:34	08/25/15 08:57	1
Selenium	2.36		2.0	0.58	ug/L		08/24/15 19:34	08/25/15 08:57	1
Selenium, Dissolved	2.36		2.0	0.58	ug/L		08/24/15 19:34	08/25/15 08:57	1
Silver	0.10	U	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 08:57	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/24/15 19:34	08/25/15 08:57	1
Thallium	0.10	U	0.20	0.10	ug/L		08/24/15 19:34	08/25/15 08:57	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/24/15 19:34	08/25/15 08:57	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 08:57	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/24/15 19:34	08/25/15 08:57	1
Zinc	2.8	U	20	2.8	ug/L		08/24/15 19:34	08/25/15 08:57	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/24/15 19:34	08/25/15 08:57	1

Lab Sample ID: LCS 680-397826/2-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397826

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	20.0	24.9	*	ug/L		125	85 - 115
Antimony, Dissolved	20.0	24.9	*	ug/L		125	85 - 115
Arsenic	40.0	46.2		ug/L		115	85 - 115
Arsenic, Dissolved	40.0	46.2		ug/L		115	85 - 115
Barium	40.0	49.8	*	ug/L		125	85 - 115
Barium, Dissolved	40.0	49.8	*	ug/L		125	85 - 115
Beryllium	20.0	23.4	*	ug/L		117	85 - 115
Beryllium, Dissolved	20.0	23.4	*	ug/L		117	85 - 115
Cadmium	20.0	23.8	*	ug/L		119	85 - 115
Cadmium, Dissolved	20.0	23.8	*	ug/L		119	85 - 115
Chromium	40.0	42.8		ug/L		107	85 - 115
Chromium, Dissolved	40.0	42.8		ug/L		107	85 - 115
Cobalt	20.0	22.1		ug/L		110	85 - 115
Cobalt, Dissolved	20.0	22.1		ug/L		110	85 - 115
Copper	40.0	41.9		ug/L		105	85 - 115
Copper, Dissolved	40.0	41.9		ug/L		105	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-397826/2-A
Matrix: Water
Analysis Batch: 397902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 397826

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	200	214		ug/L		107	85 - 115
Lead, Dissolved	200	214		ug/L		107	85 - 115
Manganese	200	219		ug/L		109	85 - 115
Manganese, Dissolved	200	219		ug/L		109	85 - 115
Molybdenum	40.0	48.0	*	ug/L		120	85 - 115
Molybdenum, Dissolved	40.0	48.0	*	ug/L		120	85 - 115
Nickel	40.0	42.2		ug/L		105	85 - 115
Nickel, Dissolved	40.0	42.2		ug/L		105	85 - 115
Selenium	40.0	53.7	^ *	ug/L		134	85 - 115
Selenium, Dissolved	40.0	53.7	^ *	ug/L		134	85 - 115
Silver	20.0	24.2	*	ug/L		121	85 - 115
Silver, Dissolved	20.0	24.2	*	ug/L		121	85 - 115
Thallium	16.0	18.5		ug/L		115	85 - 115
Thallium, Dissolved	16.0	18.5		ug/L		115	85 - 115
Vanadium	40.0	43.9		ug/L		110	85 - 115
Vanadium, Dissolved	40.0	43.9		ug/L		110	85 - 115
Zinc	40.0	46.1		ug/L		115	85 - 115
Zinc, Dissolved	40.0	46.1		ug/L		115	85 - 115

Lab Sample ID: 680-115965-35 MS
Matrix: Water
Analysis Batch: 397902

Client Sample ID: GKMTW361_082115
Prep Type: Total/NA
Prep Batch: 397826

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.40	U *	20.0	23.1		ug/L		116	70 - 130
Antimony, Dissolved	0.40	U *	20.0	23.1		ug/L		116	70 - 130
Arsenic	0.37	U	40.0	43.9		ug/L		110	70 - 130
Arsenic, Dissolved	0.37	U	40.0	43.9		ug/L		110	70 - 130
Barium	27	*	40.0	72.7		ug/L		115	70 - 130
Barium, Dissolved	27	*	40.0	72.7		ug/L		115	70 - 130
Beryllium	0.15	U *	20.0	21.5		ug/L		107	70 - 130
Beryllium, Dissolved	0.15	U *	20.0	21.5		ug/L		107	70 - 130
Cadmium	0.043	U *	20.0	21.6		ug/L		108	70 - 130
Cadmium, Dissolved	0.043	U *	20.0	21.6		ug/L		108	70 - 130
Chromium	1.0	U	40.0	39.5		ug/L		99	70 - 130
Chromium, Dissolved	1.0	U	40.0	39.5		ug/L		99	70 - 130
Cobalt	0.12	U	20.0	20.2		ug/L		101	70 - 130
Cobalt, Dissolved	0.12	U	20.0	20.2		ug/L		101	70 - 130
Copper	11	B	40.0	47.5		ug/L		91	70 - 130
Copper, Dissolved	11	B	40.0	47.5		ug/L		91	70 - 130
Lead	0.13	J	200	186		ug/L		93	70 - 130
Lead, Dissolved	0.13	J	200	186		ug/L		93	70 - 130
Manganese	1.2	J	200	200		ug/L		100	70 - 130
Manganese, Dissolved	1.2	J	200	200		ug/L		100	70 - 130
Molybdenum	1.6	*	40.0	45.8		ug/L		111	70 - 130
Molybdenum, Dissolved	1.6	*	40.0	45.8		ug/L		111	70 - 130
Nickel	0.74	J	40.0	38.5		ug/L		94	70 - 130
Nickel, Dissolved	0.74	J	40.0	38.5		ug/L		94	70 - 130

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-35 MS — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	3.6	B * ^	40.0	47.2		ug/L		109	70 - 130
Selenium, Dissolved	3.6	B * ^	40.0	47.2		ug/L		109	70 - 130
Silver	0.10	U *	20.0	21.4		ug/L		107	70 - 130
Silver, Dissolved	0.10	U *	20.0	21.4		ug/L		107	70 - 130
Thallium	0.10	U	16.0	16.3		ug/L		102	70 - 130
Thallium, Dissolved	0.10	U	16.0	16.3		ug/L		102	70 - 130
Vanadium	0.30	U	40.0	41.0		ug/L		102	70 - 130
Vanadium, Dissolved	0.30	U	40.0	41.0		ug/L		102	70 - 130
Zinc	17	J	40.0	58.2		ug/L		104	70 - 130
Zinc, Dissolved	17	J	40.0	58.2		ug/L		104	70 - 130

Lab Sample ID: 680-115965-35 MSD — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.40	U *	20.0	21.5		ug/L		107	70 - 130	7	20
Antimony, Dissolved	0.40	U *	20.0	21.5		ug/L		107	70 - 130	7	20
Arsenic	0.37	U	40.0	41.8		ug/L		105	70 - 130	5	20
Arsenic, Dissolved	0.37	U	40.0	41.8		ug/L		105	70 - 130	5	20
Barium	27	*	40.0	68.4	^	ug/L		104	70 - 130	6	20
Barium, Dissolved	27	*	40.0	68.4	^	ug/L		104	70 - 130	6	20
Beryllium	0.15	U *	20.0	20.4		ug/L		102	70 - 130	5	20
Beryllium, Dissolved	0.15	U *	20.0	20.4		ug/L		102	70 - 130	5	20
Cadmium	0.043	U *	20.0	20.5		ug/L		103	70 - 130	5	20
Cadmium, Dissolved	0.043	U *	20.0	20.5		ug/L		103	70 - 130	5	20
Chromium	1.0	U	40.0	37.5		ug/L		94	70 - 130	5	20
Chromium, Dissolved	1.0	U	40.0	37.5		ug/L		94	70 - 130	5	20
Cobalt	0.12	U	20.0	19.3		ug/L		97	70 - 130	5	20
Cobalt, Dissolved	0.12	U	20.0	19.3		ug/L		97	70 - 130	5	20
Copper	11	B	40.0	44.9		ug/L		85	70 - 130	6	20
Copper, Dissolved	11	B	40.0	44.9		ug/L		85	70 - 130	6	20
Lead	0.13	J	200	176		ug/L		88	70 - 130	6	20
Lead, Dissolved	0.13	J	200	176		ug/L		88	70 - 130	6	20
Manganese	1.2	J	200	191		ug/L		95	70 - 130	5	20
Manganese, Dissolved	1.2	J	200	191		ug/L		95	70 - 130	5	20
Molybdenum	1.6	*	40.0	43.5	^	ug/L		105	70 - 130	5	20
Molybdenum, Dissolved	1.6	*	40.0	43.5	^	ug/L		105	70 - 130	5	20
Nickel	0.74	J	40.0	36.5		ug/L		89	70 - 130	5	20
Nickel, Dissolved	0.74	J	40.0	36.5		ug/L		89	70 - 130	5	20
Selenium	3.6	B * ^	40.0	44.3	^	ug/L		102	70 - 130	6	20
Selenium, Dissolved	3.6	B * ^	40.0	44.3	^	ug/L		102	70 - 130	6	20
Silver	0.10	U *	20.0	20.2		ug/L		101	70 - 130	6	20
Silver, Dissolved	0.10	U *	20.0	20.2		ug/L		101	70 - 130	6	20
Thallium	0.10	U	16.0	15.4		ug/L		96	70 - 130	6	20
Thallium, Dissolved	0.10	U	16.0	15.4		ug/L		96	70 - 130	6	20
Vanadium	0.30	U	40.0	39.2		ug/L		98	70 - 130	4	20
Vanadium, Dissolved	0.30	U	40.0	39.2		ug/L		98	70 - 130	4	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-35 MSD — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	17	J	40.0	55.2	^	ug/L		97	70 - 130	5	20
Zinc, Dissolved	17	J	40.0	55.2	^	ug/L		97	70 - 130	5	20

Lab Sample ID: 680-115965-35 DU — **Client Sample ID: GKMTW361_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397902 — **Prep Batch: 397826**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	0.40	U *	0.40	U *	ug/L		NC	20
Antimony, Dissolved	0.40	U *	0.40	U *	ug/L		NC	20
Arsenic	0.37	U	0.37	U	ug/L		NC	20
Arsenic, Dissolved	0.37	U	0.37	U	ug/L		NC	20
Barium	27	*	27.0	* ^	ug/L		1	20
Barium, Dissolved	27	*	27.0	* ^	ug/L		1	20
Beryllium	0.15	U *	0.15	U *	ug/L		NC	20
Beryllium, Dissolved	0.15	U *	0.15	U *	ug/L		NC	20
Cadmium	0.043	U *	0.043	U *	ug/L		NC	20
Cadmium, Dissolved	0.043	U *	0.043	U *	ug/L		NC	20
Chromium	1.0	U	1.0	U	ug/L		NC	20
Chromium, Dissolved	1.0	U	1.0	U	ug/L		NC	20
Cobalt	0.12	U	0.12	U	ug/L		NC	20
Cobalt, Dissolved	0.12	U	0.12	U	ug/L		NC	20
Copper	11	B	11.2		ug/L		2	20
Copper, Dissolved	11	B	11.2		ug/L		2	20
Lead	0.13	J	0.141	J	ug/L		12	20
Lead, Dissolved	0.13	J	0.141	J	ug/L		12	20
Manganese	1.2	J	1.2	U	ug/L		NC	20
Manganese, Dissolved	1.2	J	1.2	U	ug/L		NC	20
Molybdenum	1.6	*	1.76	* ^	ug/L		9	20
Molybdenum, Dissolved	1.6	*	1.76	* ^	ug/L		9	20
Nickel	0.74	J	0.704	J	ug/L		5	20
Nickel, Dissolved	0.74	J	0.704	J	ug/L		5	20
Selenium	3.6	B * ^	4.62	F5 ^ *	ug/L		25	20
Selenium, Dissolved	3.6	B * ^	4.62	F5 ^ *	ug/L		25	20
Silver	0.10	U *	0.10	U *	ug/L		NC	20
Silver, Dissolved	0.10	U *	0.10	U *	ug/L		NC	20
Thallium	0.10	U	0.10	U	ug/L		NC	20
Thallium, Dissolved	0.10	U	0.10	U	ug/L		NC	20
Vanadium	0.30	U	0.30	U	ug/L		NC	20
Vanadium, Dissolved	0.30	U	0.30	U	ug/L		NC	20
Zinc	17	J	16.4	J ^	ug/L		0.5	20
Zinc, Dissolved	17	J	16.4	J ^	ug/L		0.5	20

Lab Sample ID: 680-115965-7 MS — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397805**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony, Dissolved	0.67	J *	20.0	21.5		ug/L		104	70 - 130

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-7 MS — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397805**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	6.4		40.0	48.6		ug/L		106	70 - 130
Barium, Dissolved	9.4	*	40.0	52.1		ug/L		107	70 - 130
Beryllium, Dissolved	10		20.0	31.2		ug/L		105	70 - 130
Cadmium, Dissolved	79	*	20.0	102	E	ug/L		114	70 - 130
Chromium, Dissolved	2.7		40.0	43.4		ug/L		102	70 - 130
Cobalt, Dissolved	110		20.0	133	4	ug/L		120	70 - 130
Copper, Dissolved	5800	E	40.0	6060	E 4	ug/L		772	70 - 130
Lead, Dissolved	28		200	201		ug/L		87	70 - 130
Manganese, Dissolved	34000	E	200	35900	E 4	ug/L		947	70 - 130
Molybdenum, Dissolved	1.2	*	40.0	44.5		ug/L		108	70 - 130
Nickel, Dissolved	63		40.0	98.0		ug/L		88	70 - 130
Selenium, Dissolved	11	^ *	40.0	53.5	^	ug/L		105	70 - 130
Silver, Dissolved	0.10	U *	20.0	19.1		ug/L		96	70 - 130
Thallium, Dissolved	0.29		16.0	15.7		ug/L		96	70 - 130
Vanadium, Dissolved	2.6		40.0	46.4		ug/L		109	70 - 130
Zinc, Dissolved	24000	E	40.0	25600	E 4	ug/L		2821	70 - 130

Lab Sample ID: 680-115965-7 MSD — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397805**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony, Dissolved	0.67	J *	20.0	21.4		ug/L		104	70 - 130	0	20
Arsenic, Dissolved	6.4		40.0	49.9		ug/L		109	70 - 130	2	20
Barium, Dissolved	9.4	*	40.0	52.6		ug/L		108	70 - 130	1	20
Beryllium, Dissolved	10		20.0	31.5		ug/L		107	70 - 130	1	20
Cadmium, Dissolved	79	*	20.0	99.9		ug/L		103	70 - 130	2	20
Chromium, Dissolved	2.7		40.0	43.8		ug/L		103	70 - 130	1	20
Cobalt, Dissolved	110		20.0	130	4	ug/L		106	70 - 130	2	20
Copper, Dissolved	5800	E	40.0	5870	E 4	ug/L		293	70 - 130	3	20
Lead, Dissolved	28		200	199		ug/L		86	70 - 130	1	20
Manganese, Dissolved	34000	E	200	34900	E 4	ug/L		429	70 - 130	3	20
Molybdenum, Dissolved	1.2	*	40.0	44.8		ug/L		109	70 - 130	1	20
Nickel, Dissolved	63		40.0	96.4		ug/L		84	70 - 130	2	20
Selenium, Dissolved	11	^ *	40.0	52.5	^	ug/L		103	70 - 130	2	20
Silver, Dissolved	0.10	U *	20.0	19.0		ug/L		95	70 - 130	1	20
Thallium, Dissolved	0.29		16.0	15.6		ug/L		96	70 - 130	0	20
Vanadium, Dissolved	2.6		40.0	46.3		ug/L		109	70 - 130	0	20
Zinc, Dissolved	24000	E	40.0	24700	E 4	ug/L		706	70 - 130	3	20

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony, Dissolved	0.40	U	20.0	21.8		ug/L		109	70 - 130
Arsenic, Dissolved	0.37	U	40.0	41.2		ug/L		103	70 - 130
Barium, Dissolved	25		40.0	65.3		ug/L		100	70 - 130
Beryllium, Dissolved	0.15	U	20.0	21.1		ug/L		105	70 - 130

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium, Dissolved	0.73		20.0	21.8		ug/L		105	70 - 130
Chromium, Dissolved	1.0	U	40.0	37.7		ug/L		94	70 - 130
Cobalt, Dissolved	2.0		20.0	20.2		ug/L		91	70 - 130
Copper, Dissolved	2.9		40.0	38.5		ug/L		89	70 - 130
Lead, Dissolved	0.11	J	200	180		ug/L		90	70 - 130
Manganese, Dissolved	940		200	1110	4	ug/L		85	70 - 130
Molybdenum, Dissolved	2.0		40.0	43.4		ug/L		103	70 - 130
Nickel, Dissolved	1.2		40.0	38.0		ug/L		92	70 - 130
Selenium, Dissolved	5.4	B ^	40.0	42.8		ug/L		94	70 - 130
Silver, Dissolved	0.10	U	20.0	20.5		ug/L		103	70 - 130
Thallium, Dissolved	0.10	U	16.0	15.5		ug/L		97	70 - 130
Vanadium, Dissolved	0.30	U	40.0	39.1		ug/L		98	70 - 130
Zinc, Dissolved	240		40.0	268	4	ug/L		69	70 - 130

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony, Dissolved	0.40	U	20.0	21.1		ug/L		105	70 - 130	3	20
Arsenic, Dissolved	0.37	U	40.0	40.5		ug/L		101	70 - 130	2	20
Barium, Dissolved	25		40.0	64.3		ug/L		97	70 - 130	2	20
Beryllium, Dissolved	0.15	U	20.0	20.4		ug/L		102	70 - 130	3	20
Cadmium, Dissolved	0.73		20.0	21.1		ug/L		102	70 - 130	3	20
Chromium, Dissolved	1.0	U	40.0	37.1		ug/L		93	70 - 130	2	20
Cobalt, Dissolved	2.0		20.0	19.9		ug/L		89	70 - 130	2	20
Copper, Dissolved	2.9		40.0	38.0		ug/L		88	70 - 130	1	20
Lead, Dissolved	0.11	J	200	175		ug/L		87	70 - 130	3	20
Manganese, Dissolved	940		200	1090	4	ug/L		72	70 - 130	2	20
Molybdenum, Dissolved	2.0		40.0	42.3		ug/L		101	70 - 130	2	20
Nickel, Dissolved	1.2		40.0	37.0		ug/L		89	70 - 130	3	20
Selenium, Dissolved	5.4	B ^	40.0	42.2		ug/L		92	70 - 130	1	20
Silver, Dissolved	0.10	U	20.0	20.2		ug/L		101	70 - 130	2	20
Thallium, Dissolved	0.10	U	16.0	15.2		ug/L		95	70 - 130	2	20
Vanadium, Dissolved	0.30	U	40.0	38.5		ug/L		96	70 - 130	2	20
Zinc, Dissolved	240		40.0	260	4	ug/L		48	70 - 130	3	20

Lab Sample ID: 680-115965-3 MS — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.40	U	20.0	20.9		ug/L		104	70 - 130
Antimony, Dissolved	0.40	U	20.0	20.9		ug/L		104	70 - 130
Arsenic	1.0		40.0	41.7		ug/L		102	70 - 130
Arsenic, Dissolved	1.0		40.0	41.7		ug/L		102	70 - 130
Barium	24		40.0	64.0		ug/L		101	70 - 130
Barium, Dissolved	24		40.0	64.0		ug/L		101	70 - 130
Beryllium	0.30	J	20.0	20.6		ug/L		102	70 - 130

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-3 MS — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium, Dissolved	0.30	J	20.0	20.6		ug/L		102	70 - 130
Cadmium	1.8		20.0	21.9		ug/L		101	70 - 130
Cadmium, Dissolved	1.8		20.0	21.9		ug/L		101	70 - 130
Chromium	1.0	U	40.0	36.8		ug/L		92	70 - 130
Chromium, Dissolved	1.0	U	40.0	36.8		ug/L		92	70 - 130
Cobalt	6.2		20.0	24.9		ug/L		94	70 - 130
Cobalt, Dissolved	6.2		20.0	24.9		ug/L		94	70 - 130
Copper	54		40.0	88.8		ug/L		86	70 - 130
Copper, Dissolved	54		40.0	88.8		ug/L		86	70 - 130
Lead	7.2		200	181		ug/L		87	70 - 130
Lead, Dissolved	7.2		200	181		ug/L		87	70 - 130
Manganese	1200		200	1430	4	ug/L		102	70 - 130
Manganese, Dissolved	1200		200	1430	4	ug/L		102	70 - 130
Molybdenum	1.1		40.0	41.1		ug/L		100	70 - 130
Molybdenum, Dissolved	1.1		40.0	41.1		ug/L		100	70 - 130
Nickel	4.0		40.0	40.2		ug/L		91	70 - 130
Nickel, Dissolved	4.0		40.0	40.2		ug/L		91	70 - 130
Selenium	2.1	B ^	40.0	42.8		ug/L		102	70 - 130
Selenium, Dissolved	2.1	B ^	40.0	42.8		ug/L		102	70 - 130
Silver	0.10	U	20.0	19.7		ug/L		98	70 - 130
Silver, Dissolved	0.10	U	20.0	19.7		ug/L		98	70 - 130
Thallium	0.10	U	16.0	15.1		ug/L		94	70 - 130
Thallium, Dissolved	0.10	U	16.0	15.1		ug/L		94	70 - 130
Vanadium	0.71	J	40.0	39.2		ug/L		96	70 - 130
Vanadium, Dissolved	0.71	J	40.0	39.2		ug/L		96	70 - 130
Zinc	570		40.0	601	4	ug/L		86	70 - 130
Zinc, Dissolved	570		40.0	601	4	ug/L		86	70 - 130

Lab Sample ID: 680-115965-3 MSD — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.40	U	20.0	21.3		ug/L		107	70 - 130	2	20
Antimony, Dissolved	0.40	U	20.0	21.3		ug/L		107	70 - 130	2	20
Arsenic	1.0		40.0	43.1		ug/L		105	70 - 130	3	20
Arsenic, Dissolved	1.0		40.0	43.1		ug/L		105	70 - 130	3	20
Barium	24		40.0	66.5		ug/L		107	70 - 130	4	20
Barium, Dissolved	24		40.0	66.5		ug/L		107	70 - 130	4	20
Beryllium	0.30	J	20.0	21.6		ug/L		106	70 - 130	4	20
Beryllium, Dissolved	0.30	J	20.0	21.6		ug/L		106	70 - 130	4	20
Cadmium	1.8		20.0	22.5		ug/L		104	70 - 130	3	20
Cadmium, Dissolved	1.8		20.0	22.5		ug/L		104	70 - 130	3	20
Chromium	1.0	U	40.0	38.3		ug/L		96	70 - 130	4	20
Chromium, Dissolved	1.0	U	40.0	38.3		ug/L		96	70 - 130	4	20
Cobalt	6.2		20.0	26.1		ug/L		100	70 - 130	5	20
Cobalt, Dissolved	6.2		20.0	26.1		ug/L		100	70 - 130	5	20
Copper	54		40.0	93.1		ug/L		97	70 - 130	5	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-3 MSD — **Client Sample ID: A72_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper, Dissolved	54		40.0	93.1		ug/L		97	70 - 130	5	20
Lead	7.2		200	186		ug/L		89	70 - 130	3	20
Lead, Dissolved	7.2		200	186		ug/L		89	70 - 130	3	20
Manganese	1200		200	1510	4	ug/L		141	70 - 130	5	20
Manganese, Dissolved	1200		200	1510	4	ug/L		141	70 - 130	5	20
Molybdenum	1.1		40.0	42.7		ug/L		104	70 - 130	4	20
Molybdenum, Dissolved	1.1		40.0	42.7		ug/L		104	70 - 130	4	20
Nickel	4.0		40.0	41.4		ug/L		94	70 - 130	3	20
Nickel, Dissolved	4.0		40.0	41.4		ug/L		94	70 - 130	3	20
Selenium	2.1	B ^	40.0	44.0		ug/L		105	70 - 130	3	20
Selenium, Dissolved	2.1	B ^	40.0	44.0		ug/L		105	70 - 130	3	20
Silver	0.10	U	20.0	20.3		ug/L		102	70 - 130	3	20
Silver, Dissolved	0.10	U	20.0	20.3		ug/L		102	70 - 130	3	20
Thallium	0.10	U	16.0	15.5		ug/L		97	70 - 130	3	20
Thallium, Dissolved	0.10	U	16.0	15.5		ug/L		97	70 - 130	3	20
Vanadium	0.71	J	40.0	40.6		ug/L		100	70 - 130	4	20
Vanadium, Dissolved	0.71	J	40.0	40.6		ug/L		100	70 - 130	4	20
Zinc	570		40.0	639	4	ug/L		181	70 - 130	6	20
Zinc, Dissolved	570		40.0	639	4	ug/L		181	70 - 130	6	20

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	0.40	U	0.40	U	ug/L		NC	20
Antimony, Dissolved	0.40	U	0.40	U	ug/L		NC	20
Arsenic	0.37	U	0.37	U	ug/L		NC	20
Arsenic, Dissolved	0.37	U	0.37	U	ug/L		NC	20
Barium	25		23.8		ug/L		6	20
Barium, Dissolved	25		23.8		ug/L		6	20
Beryllium	0.15	U	0.15	U	ug/L		NC	20
Beryllium, Dissolved	0.15	U	0.15	U	ug/L		NC	20
Cadmium	0.73		0.732		ug/L		0.7	20
Cadmium, Dissolved	0.73		0.732		ug/L		0.7	20
Chromium	1.0	U	1.0	U	ug/L		NC	20
Chromium, Dissolved	1.0	U	1.0	U	ug/L		NC	20
Cobalt	2.0		0.693	F3	ug/L		97	20
Cobalt, Dissolved	2.0		0.693	F3	ug/L		97	20
Copper	2.9		2.88		ug/L		2	20
Copper, Dissolved	2.9		2.88		ug/L		2	20
Lead	0.11	J	0.141	J F5	ug/L		21	20
Lead, Dissolved	0.11	J	0.141	J F5	ug/L		21	20
Manganese	940		902		ug/L		4	20
Manganese, Dissolved	940		902		ug/L		4	20
Molybdenum	2.0		1.94		ug/L		4	20
Molybdenum, Dissolved	2.0		1.94		ug/L		4	20
Nickel	1.2		1.16		ug/L		7	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397902 — **Prep Batch: 397812**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nickel, Dissolved	1.2		1.16		ug/L		7	20
Selenium	5.4	B ^	2.00	F3	ug/L		92	20
Selenium, Dissolved	5.4	B ^	2.00	F3	ug/L		92	20
Silver	0.10	U	0.10	U	ug/L		NC	20
Silver, Dissolved	0.10	U	0.10	U	ug/L		NC	20
Thallium	0.10	U	0.10	U	ug/L		NC	20
Thallium, Dissolved	0.10	U	0.10	U	ug/L		NC	20
Vanadium	0.30	U	0.30	U	ug/L		NC	20
Vanadium, Dissolved	0.30	U	0.30	U	ug/L		NC	20
Zinc	240		230		ug/L		5	20
Zinc, Dissolved	240		230		ug/L		5	20

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Lab Sample ID: MB 680-397972/13 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397972

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/25/15 14:17	1

Lab Sample ID: MB 680-397972/17 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397972

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/25/15 14:17	1

Lab Sample ID: MB 680-397972/37 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397972

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/25/15 14:17	1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-397820/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 18:36	08/24/15 23:17	1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-397820/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.45		ug/L		98	85 - 115

Lab Sample ID: 680-115965-31 MS — **Client Sample ID: GKMTW137_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.080	U F1	1.00	1.36	F1	ug/L		136	70 - 130

Lab Sample ID: 680-115965-31 MSD — **Client Sample ID: GKMTW137_082215**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U F1	1.00	1.14		ug/L		114	70 - 130	18	20

Lab Sample ID: MB 680-397829/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:17	08/25/15 00:57	1

Lab Sample ID: LCS 680-397829/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.42		ug/L		97	85 - 115

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.080	U	1.00	1.10		ug/L		110	70 - 130

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U	1.00	1.09		ug/L		109	70 - 130	1	20

Lab Sample ID: 680-115965-34 MS — **Client Sample ID: GKMTW358_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.080	U	1.00	1.09		ug/L		109	70 - 130

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Lab Sample ID: 680-115965-34 MSD — **Client Sample ID: GKMTW358_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U	1.00	1.06		ug/L		106	70 - 130	4	20

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397829**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.080	U		0.080	U	ug/L				NC	20

Lab Sample ID: MB 680-397831/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397831**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/24/15 20:56	08/25/15 02:31	1

Lab Sample ID: LCS 680-397831/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397860 — **Prep Batch: 397831**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			2.50	2.24		ug/L		90	85 - 115		

Lab Sample ID: MB 680-397862/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397920 — **Prep Batch: 397862**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/25/15 09:01	08/25/15 11:57	1

Lab Sample ID: LCS 680-397862/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397920 — **Prep Batch: 397862**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			2.50	2.40		ug/L		96	85 - 115		

Lab Sample ID: 680-115965-1 MS — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.080	U	1.00	1.14		ug/L		114	70 - 130		

Lab Sample ID: 680-115965-1 MSD — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U	1.00	1.15		ug/L		115	70 - 130	1	20

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397860 — **Prep Batch: 397820**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.080	U		0.080	U	ug/L				NC	20

Lab Sample ID: 680-115965-40 MS — **Client Sample ID: RBEffluent_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397860 — **Prep Batch: 397831**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.080	U	1.00	1.07		ug/L		107	70 - 130		

Lab Sample ID: 680-115965-40 MSD — **Client Sample ID: RBEffluent_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397860 — **Prep Batch: 397831**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U	1.00	1.03		ug/L		103	70 - 130	4	20

Lab Sample ID: 680-115965-7 MS — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397920 — **Prep Batch: 397862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.080	U	1.00	1.08		ug/L		108	70 - 130		

Lab Sample ID: 680-115965-7 MSD — **Client Sample ID: CC03_082115**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 397920 — **Prep Batch: 397862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U	1.00	1.06		ug/L		106	70 - 130	2	20

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 680-397810/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397810**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.7	U	18	2.7	mg/Kg		08/24/15 17:29	08/25/15 06:18	1
Calcium	4.6	U	44	4.6	mg/Kg		08/24/15 17:29	08/25/15 06:18	1
Iron	4.6	U	18	4.6	mg/Kg		08/24/15 17:29	08/25/15 06:18	1
Magnesium	7.8	U	44	7.8	mg/Kg		08/24/15 17:29	08/25/15 06:18	1
Potassium	2.2	U	88	2.2	mg/Kg		08/24/15 17:29	08/25/15 06:18	1
Sodium	42	U	180	42	mg/Kg		08/24/15 17:29	08/25/15 06:18	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-397810/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397810**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	495	467		mg/Kg		94	80 - 120
Calcium	495	488		mg/Kg		99	80 - 120
Iron	495	461		mg/Kg		93	80 - 120
Magnesium	495	472		mg/Kg		95	80 - 120
Potassium	495	474		mg/Kg		96	80 - 120
Sodium	495	481		mg/Kg		97	80 - 120

Lab Sample ID: 680-115965-20 MS — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397810**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	9100		529	9520	4	mg/Kg	☼	74	75 - 125
Iron	28000		529	28800	4	mg/Kg	☼	139	75 - 125
Potassium	1100		529	1560		mg/Kg	☼	85	75 - 125

Lab Sample ID: 680-115965-20 MS — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397810**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	4500	F1	529	5040	4	mg/Kg	☼	100	75 - 125
Magnesium	4800	F1	529	5550	4	mg/Kg	☼	150	75 - 125

Lab Sample ID: 680-115965-20 MSD — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397810**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	9100		529	9530	4	mg/Kg	☼	75	75 - 125	0	20
Iron	28000		529	29700	4	mg/Kg	☼	310	75 - 125	3	20
Potassium	1100		529	1570		mg/Kg	☼	87	75 - 125	1	20

Lab Sample ID: 680-115965-20 MSD — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397961 — **Prep Batch: 397810**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	4500	F1	529	5590	4	mg/Kg	☼	204	75 - 125	10	20
Magnesium	4800	F1	529	5820	4	mg/Kg	☼	201	75 - 125	5	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-397811/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.088	U	0.88	0.088	mg/Kg		08/24/15 17:32	08/24/15 21:47	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-397811/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.088	U	0.26	0.088	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Barium	0.053	U	0.44	0.053	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Beryllium	0.013	U	0.044	0.013	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Cadmium	0.013	U	0.044	0.013	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Chromium	0.096	U	0.88	0.096	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Cobalt	0.0088	U	0.044	0.0088	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Copper	0.11	U	0.44	0.11	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Lead	0.044	U	0.18	0.044	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Manganese	0.11	U	0.88	0.11	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Molybdenum	0.070	U	0.88	0.070	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Nickel	0.23	U	0.88	0.23	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Selenium	0.088	U	0.44	0.088	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Silver	0.0088	U	0.088	0.0088	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Thallium	0.044	U	0.088	0.044	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Vanadium	0.24	U	0.44	0.24	mg/Kg		08/24/15 17:32	08/24/15 21:47	1
Zinc	0.88	U	1.8	0.88	mg/Kg		08/24/15 17:32	08/24/15 21:47	1

Lab Sample ID: LCS 680-397811/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.95	4.76		mg/Kg		96	75 - 125
Arsenic	9.90	9.46		mg/Kg		96	75 - 125
Barium	9.90	10.2		mg/Kg		103	75 - 125
Beryllium	4.95	4.98		mg/Kg		101	75 - 125
Cadmium	4.95	5.27		mg/Kg		107	75 - 125
Chromium	9.90	9.68		mg/Kg		98	75 - 125
Cobalt	4.95	5.25		mg/Kg		106	75 - 125
Copper	9.90	9.98		mg/Kg		101	75 - 125
Lead	49.5	49.4		mg/Kg		100	75 - 125
Manganese	49.5	47.6		mg/Kg		96	75 - 125
Molybdenum	9.90	9.73		mg/Kg		98	75 - 125
Nickel	9.90	9.86		mg/Kg		100	75 - 125
Selenium	9.90	9.46		mg/Kg		95	75 - 125
Silver	4.95	5.02		mg/Kg		101	75 - 125
Thallium	3.96	4.12		mg/Kg		104	75 - 125
Vanadium	9.90	9.64		mg/Kg		97	75 - 125
Zinc	9.90	9.81		mg/Kg		99	75 - 125

Lab Sample ID: 680-115965-20 MS — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.8		5.29	6.79		mg/Kg	☼	94	75 - 125
Arsenic	20		10.6	28.9		mg/Kg	☼	82	75 - 125
Barium	140		10.6	153	4	mg/Kg	☼	89	75 - 125
Beryllium	1.0		5.29	6.10		mg/Kg	☼	96	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115965-20 MS — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	4.6		5.29	9.66		mg/Kg	☼	96	75 - 125
Chromium	8.4		10.6	18.8		mg/Kg	☼	98	75 - 125
Cobalt	23		5.29	26.7	4	mg/Kg	☼	71	75 - 125
Copper	110		10.6	116	4	mg/Kg	☼	63	75 - 125
Lead	300		52.9	346	4	mg/Kg	☼	78	75 - 125
Molybdenum	4.6		10.6	14.5		mg/Kg	☼	94	75 - 125
Nickel	14		10.6	23.1		mg/Kg	☼	90	75 - 125
Selenium	8.0		10.6	18.4		mg/Kg	☼	98	75 - 125
Silver	1.1		5.29	6.22		mg/Kg	☼	97	75 - 125
Thallium	0.24		4.23	4.43		mg/Kg	☼	99	75 - 125
Vanadium	26		10.6	36.3		mg/Kg	☼	97	75 - 125
Zinc	1300		10.6	1250	4	mg/Kg	☼	-724	75 - 125

Lab Sample ID: 680-115965-20 MS — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	3400		52.9	3200	4	mg/Kg	☼	-463	75 - 125

Lab Sample ID: 680-115965-20 MSD — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.8		5.29	7.40		mg/Kg	☼	106	75 - 125	8	20
Arsenic	20		10.6	30.5		mg/Kg	☼	97	75 - 125	5	20
Barium	140		10.6	159	4	mg/Kg	☼	143	75 - 125	4	20
Beryllium	1.0		5.29	6.79		mg/Kg	☼	109	75 - 125	11	20
Cadmium	4.6		5.29	9.86		mg/Kg	☼	99	75 - 125	2	20
Chromium	8.4		10.6	19.2		mg/Kg	☼	102	75 - 125	2	20
Cobalt	23		5.29	26.9	4	mg/Kg	☼	74	75 - 125	0	20
Copper	110		10.6	123	4	mg/Kg	☼	127	75 - 125	6	20
Lead	300		52.9	350	4	mg/Kg	☼	86	75 - 125	1	20
Molybdenum	4.6		10.6	14.9		mg/Kg	☼	97	75 - 125	2	20
Nickel	14		10.6	23.4		mg/Kg	☼	92	75 - 125	1	20
Selenium	8.0		10.6	19.4		mg/Kg	☼	108	75 - 125	5	20
Silver	1.1		5.29	6.59		mg/Kg	☼	104	75 - 125	6	20
Thallium	0.24		4.23	4.59		mg/Kg	☼	103	75 - 125	4	20
Vanadium	26		10.6	37.4		mg/Kg	☼	107	75 - 125	3	20
Zinc	1300		10.6	1220	4	mg/Kg	☼	-965	75 - 125	2	20

Lab Sample ID: 680-115965-20 MSD — **Client Sample ID: GKMSE30_082115**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397832 — **Prep Batch: 397811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	3400		52.9	3070	4	mg/Kg	☼	-710	75 - 125	4	20

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 680-397806/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397827 — **Prep Batch: 397806**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0075	U	0.019	0.0075	mg/Kg		08/24/15 17:09	08/24/15 19:11	1

Lab Sample ID: LCS 680-397806/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397827 — **Prep Batch: 397806**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.212	0.206		mg/Kg		97	80 - 120

Lab Sample ID: 680-115965-19 MS — **Client Sample ID: GKMSE29_082015**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397827 — **Prep Batch: 397806**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.12	F1	0.302	0.494	F1	mg/Kg	☼	125	80 - 120

Lab Sample ID: 680-115965-19 MSD — **Client Sample ID: GKMSE29_082015**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 397827 — **Prep Batch: 397806**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.12	F1	0.312	0.530	F1	mg/Kg	☼	133	80 - 120	7	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-397833/5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397833

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 18:04	1

Lab Sample ID: LCS 680-397833/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	248	227		mg/L		92	80 - 120

Lab Sample ID: LCSD 680-397833/32 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397833

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity	248	249		mg/L		101	80 - 120	9	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397833

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	33			32.4		mg/L				1	30

Lab Sample ID: MB 680-397834/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397834

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/24/15 21:14	1

Lab Sample ID: LCS 680-397834/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397834

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity			248	232		mg/L		94	80 - 120		

Lab Sample ID: LCSD 680-397834/16 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397834

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity			248	247		mg/L		100	80 - 120	6	30

Lab Sample ID: 680-115965-40 DU — **Client Sample ID: RBEffluent_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397834

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	5.0	U		5.0	U	mg/L				NC	30

Method: 4500 H+ B-2011 - pH

Lab Sample ID: LCS 680-397835/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397835

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.050		SU		101	63 - 158		

Lab Sample ID: 680-115965-1 DU — **Client Sample ID: A68_082115**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 397835

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.63	HF		7.650	HF	SU				0.3	40

Method: 4500 H+ B-2011 - pH (Continued)

Lab Sample ID: LCS 680-397836/1
Matrix: Water
Analysis Batch: 397836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.060		SU		101	63 - 158		

Lab Sample ID: 680-115965-40 DU
Matrix: Water
Analysis Batch: 397836

Client Sample ID: RBEffluent_082115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	3.53	HF		3.510		SU				0.6	40

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

HPLC/IC

Analysis Batch: 397770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-2	A68-082215	Total/NA	Water	300.0	
680-115965-22	GKMSW01_082315	Total/NA	Water	300.0	
680-115965-24	GKMSW02_082215	Total/NA	Water	300.0	
680-115965-26	GKMSW04_082315	Total/NA	Water	300.0	
680-115965-27	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 MS	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 MSD	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-29	GKMSW05_082315	Total/NA	Water	300.0	
LCS 680-397770/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397770/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397770/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	300.0	
680-115965-1 DU	A68_082115	Total/NA	Water	300.0	
680-115965-1 MS	A68_082115	Total/NA	Water	300.0	
680-115965-1 MSD	A68_082115	Total/NA	Water	300.0	
680-115965-2	A68-082215	Total/NA	Water	300.0	
680-115965-26	GKMSW04_082315	Total/NA	Water	300.0	
680-115965-27	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 MS	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 MSD	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-29	GKMSW05_082315	Total/NA	Water	300.0	
680-115965-40	RBEffluent_082115	Total/NA	Water	300.0	
680-115965-42	TP04_082115	Total/NA	Water	300.0	
680-115965-43	TP04_082215	Total/NA	Water	300.0	
LCS 680-397814/93	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397814/94	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397814/27	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-15	CC48_082115	Total/NA	Water	300.0	
680-115965-16	CC48_082215	Total/NA	Water	300.0	
680-115965-17	CC48_082215D	Total/NA	Water	300.0	
680-115965-22	GKMSW01_082315	Total/NA	Water	300.0	
680-115965-23	GKMSW02_082115	Total/NA	Water	300.0	
680-115965-24	GKMSW02_082215	Total/NA	Water	300.0	
680-115965-25	GKMSW04_082215	Total/NA	Water	300.0	
680-115965-28	GKMSW05_082215	Total/NA	Water	300.0	
680-115965-28 MS	GKMSW05_082215	Total/NA	Water	300.0	
680-115965-28 MSD	GKMSW05_082215	Total/NA	Water	300.0	
LCS 680-397828/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397828/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397828/26	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	300.0	
680-115965-1 DU	A68_082115	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 397838 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1 MS	A68_082115	Total/NA	Water	300.0	
680-115965-1 MSD	A68_082115	Total/NA	Water	300.0	
680-115965-3	A72_082115	Total/NA	Water	300.0	
680-115965-4	A72_082215	Total/NA	Water	300.0	
680-115965-7	CC03_082115	Total/NA	Water	300.0	
680-115965-15	CC48_082115	Total/NA	Water	300.0	
680-115965-16	CC48_082215	Total/NA	Water	300.0	
680-115965-17	CC48_082215D	Total/NA	Water	300.0	
LCS 680-397838/30	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397838/31	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397838/29	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-21	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-21 MS	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-21 MSD	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-23	GKMSW02_082115	Total/NA	Water	300.0	
680-115965-25	GKMSW04_082215	Total/NA	Water	300.0	
680-115965-28	GKMSW05_082215	Total/NA	Water	300.0	
680-115965-40	RBEffluent_082115	Total/NA	Water	300.0	
680-115965-42	TP04_082115	Total/NA	Water	300.0	
680-115965-43	TP04_082215	Total/NA	Water	300.0	
LCS 680-397839/57	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397839/58	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397839/56	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	300.0	
680-115965-1 DU	A68_082115	Total/NA	Water	300.0	
680-115965-1 MS	A68_082115	Total/NA	Water	300.0	
680-115965-1 MSD	A68_082115	Total/NA	Water	300.0	
680-115965-3	A72_082115	Total/NA	Water	300.0	
680-115965-4	A72_082215	Total/NA	Water	300.0	
680-115965-23	GKMSW02_082115	Total/NA	Water	300.0	
LCS 680-397842/118	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397842/119	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397842/117	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-3	A72_082115	Total/NA	Water	300.0	
680-115965-4	A72_082215	Total/NA	Water	300.0	
680-115965-7	CC03_082115	Total/NA	Water	300.0	
680-115965-7	CC03_082115	Total/NA	Water	300.0	
680-115965-7	CC03_082115	Total/NA	Water	300.0	
680-115965-21	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-21	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-21 MS	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-21 MS	GKMSW01_082215	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 397846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-21 MSD	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-21 MSD	GKMSW01_082215	Total/NA	Water	300.0	
680-115965-24	GKMSW02_082215	Total/NA	Water	300.0	
680-115965-25	GKMSW04_082215	Total/NA	Water	300.0	
680-115965-28	GKMSW05_082215	Total/NA	Water	300.0	
LCS 680-397846/28	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397846/29	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397846/27	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-2	A68-082215	Total/NA	Water	300.0	
680-115965-26	GKMSW04_082315	Total/NA	Water	300.0	
680-115965-27	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 DU	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 MS	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-27 MSD	GKMSW04_082315D	Total/NA	Water	300.0	
680-115965-29	GKMSW05_082315	Total/NA	Water	300.0	
680-115965-40	RBEffluent_082115	Total/NA	Water	300.0	
680-115965-42	TP04_082115	Total/NA	Water	300.0	
680-115965-43	TP04_082215	Total/NA	Water	300.0	
LCS 680-397869/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397869/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397869/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 397872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-15	CC48_082115	Total/NA	Water	300.0	
680-115965-16	CC48_082215	Total/NA	Water	300.0	
680-115965-17	CC48_082215D	Total/NA	Water	300.0	
680-115965-22	GKMSW01_082315	Total/NA	Water	300.0	
LCS 680-397872/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-397872/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-397872/2	Method Blank	Total/NA	Water	300.0	

Metals

Prep Batch: 397805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-7	CC03_082115	Dissolved	Water	200	
680-115965-7 MS	CC03_082115	Dissolved	Water	200	
680-115965-7 MSD	CC03_082115	Dissolved	Water	200	
LCS 680-397805/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397805/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-19	GKMSE29_082015	Total/NA	Solid	7471A	
680-115965-19 MS	GKMSE29_082015	Total/NA	Solid	7471A	
680-115965-19 MSD	GKMSE29_082015	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 397806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-20	GKMSE30_082115	Total/NA	Solid	7471A	
LCS 680-397806/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 680-397806/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 397807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-7	CC03_082115	Dissolved	Water	200	
680-115965-7 MS	CC03_082115	Dissolved	Water	200	
680-115965-7 MSD	CC03_082115	Dissolved	Water	200	
LCS 680-397807/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397807/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-19	GKMSE29_082015	Total/NA	Solid	3050B	
680-115965-20	GKMSE30_082115	Total/NA	Solid	3050B	
680-115965-20 MS	GKMSE30_082115	Total/NA	Solid	3050B	
680-115965-20 MSD	GKMSE30_082115	Total/NA	Solid	3050B	
LCS 680-397810/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-397810/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 397811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-19	GKMSE29_082015	Total/NA	Solid	3050B	
680-115965-20	GKMSE30_082115	Total/NA	Solid	3050B	
680-115965-20 MS	GKMSE30_082115	Total/NA	Solid	3050B	
680-115965-20 MSD	GKMSE30_082115	Total/NA	Solid	3050B	
LCS 680-397811/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-397811/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 397812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	200	
680-115965-1 DU	A68_082115	Dissolved	Water	200	
680-115965-1 MS	A68_082115	Dissolved	Water	200	
680-115965-1 MSD	A68_082115	Dissolved	Water	200	
680-115965-2	A68-082215	Dissolved	Water	200	
680-115965-3	A72_082115	Dissolved	Water	200	
680-115965-3 MS	A72_082115	Dissolved	Water	200	
680-115965-3 MSD	A72_082115	Dissolved	Water	200	
680-115965-4	A72_082215	Dissolved	Water	200	
680-115965-15	CC48_082115	Dissolved	Water	200	
680-115965-16	CC48_082215	Dissolved	Water	200	
680-115965-17	CC48_082215D	Dissolved	Water	200	
680-115965-21	GKMSW01_082215	Dissolved	Water	200	
680-115965-22	GKMSW01_082315	Dissolved	Water	200	
680-115965-23	GKMSW02_082115	Dissolved	Water	200	
680-115965-24	GKMSW02_082215	Dissolved	Water	200	
680-115965-25	GKMSW04_082215	Dissolved	Water	200	
680-115965-26	GKMSW04_082315	Dissolved	Water	200	
680-115965-27	GKMSW04_082315D	Dissolved	Water	200	

Metals (Continued)

Prep Batch: 397812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-28	GKMSW05_082215	Dissolved	Water	200	
680-115965-29	GKMSW05_082315	Dissolved	Water	200	
680-115965-31	GKMTW137_082215	Total/NA	Water	200	
680-115965-36	GKMTW378_082115A	Total/NA	Water	200	
680-115965-37	GKMTW378_082115B	Total/NA	Water	200	
680-115965-43	TP04_082215	Dissolved	Water	200	
LCS 680-397812/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397812/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	200	
680-115965-1 DU	A68_082115	Dissolved	Water	200	
680-115965-1 MS	A68_082115	Dissolved	Water	200	
680-115965-1 MSD	A68_082115	Dissolved	Water	200	
680-115965-2	A68-082215	Dissolved	Water	200	
680-115965-3	A72_082115	Dissolved	Water	200	
680-115965-3 MS	A72_082115	Dissolved	Water	200	
680-115965-3 MSD	A72_082115	Dissolved	Water	200	
680-115965-4	A72_082215	Dissolved	Water	200	
680-115965-15	CC48_082115	Dissolved	Water	200	
680-115965-16	CC48_082215	Dissolved	Water	200	
680-115965-17	CC48_082215D	Dissolved	Water	200	
680-115965-21	GKMSW01_082215	Dissolved	Water	200	
680-115965-22	GKMSW01_082315	Dissolved	Water	200	
680-115965-23	GKMSW02_082115	Dissolved	Water	200	
680-115965-24	GKMSW02_082215	Dissolved	Water	200	
680-115965-25	GKMSW04_082215	Dissolved	Water	200	
680-115965-26	GKMSW04_082315	Dissolved	Water	200	
680-115965-27	GKMSW04_082315D	Dissolved	Water	200	
680-115965-28	GKMSW05_082215	Dissolved	Water	200	
680-115965-29	GKMSW05_082315	Dissolved	Water	200	
680-115965-31	GKMTW137_082215	Total/NA	Water	200	
680-115965-36	GKMTW378_082115A	Total/NA	Water	200	
680-115965-37	GKMTW378_082115B	Total/NA	Water	200	
680-115965-43	TP04_082215	Dissolved	Water	200	
LCS 680-397816/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397816/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	245.1	
680-115965-1 DU	A68_082115	Dissolved	Water	245.1	
680-115965-1 MS	A68_082115	Dissolved	Water	245.1	
680-115965-1 MSD	A68_082115	Dissolved	Water	245.1	
680-115965-2	A68-082215	Dissolved	Water	245.1	
680-115965-3	A72_082115	Dissolved	Water	245.1	
680-115965-4	A72_082215	Dissolved	Water	245.1	
680-115965-15	CC48_082115	Dissolved	Water	245.1	
680-115965-16	CC48_082215	Dissolved	Water	245.1	
680-115965-17	CC48_082215D	Dissolved	Water	245.1	

Metals (Continued)

Prep Batch: 397820 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-21	GKMSW01_082215	Dissolved	Water	245.1	
680-115965-22	GKMSW01_082315	Dissolved	Water	245.1	
680-115965-23	GKMSW02_082115	Dissolved	Water	245.1	
680-115965-24	GKMSW02_082215	Dissolved	Water	245.1	
680-115965-25	GKMSW04_082215	Dissolved	Water	245.1	
680-115965-26	GKMSW04_082315	Dissolved	Water	245.1	
680-115965-27	GKMSW04_082315D	Dissolved	Water	245.1	
680-115965-28	GKMSW05_082215	Dissolved	Water	245.1	
680-115965-29	GKMSW05_082315	Dissolved	Water	245.1	
680-115965-31	GKMTW137_082215	Total/NA	Water	245.1	
680-115965-31 MS	GKMTW137_082215	Total/NA	Water	245.1	
680-115965-31 MSD	GKMTW137_082215	Total/NA	Water	245.1	
680-115965-37	GKMTW378_082115B	Total/NA	Water	245.1	
680-115965-43	TP04_082215	Dissolved	Water	245.1	
LCS 680-397820/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-397820/1-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 397821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	200	
680-115965-1 DU	A68_082115	Total/NA	Water	200	
680-115965-1 MS	A68_082115	Total/NA	Water	200	
680-115965-1 MSD	A68_082115	Total/NA	Water	200	
680-115965-2	A68-082215	Total/NA	Water	200	
680-115965-3	A72_082115	Total/NA	Water	200	
680-115965-4	A72_082215	Total/NA	Water	200	
680-115965-15	CC48_082115	Total/NA	Water	200	
680-115965-16	CC48_082215	Total/NA	Water	200	
680-115965-17	CC48_082215D	Total/NA	Water	200	
680-115965-21	GKMSW01_082215	Total/NA	Water	200	
680-115965-22	GKMSW01_082315	Total/NA	Water	200	
680-115965-23	GKMSW02_082115	Total/NA	Water	200	
680-115965-23 MS	GKMSW02_082115	Total/NA	Water	200	
680-115965-23 MSD	GKMSW02_082115	Total/NA	Water	200	
680-115965-25	GKMSW04_082215	Total/NA	Water	200	
680-115965-26	GKMSW04_082315	Total/NA	Water	200	
680-115965-27	GKMSW04_082315D	Total/NA	Water	200	
680-115965-28	GKMSW05_082215	Total/NA	Water	200	
680-115965-29	GKMSW05_082315	Total/NA	Water	200	
680-115965-30	GKMTW117_082215	Total/NA	Water	200	
680-115965-32	GKMTW148_082215	Total/NA	Water	200	
680-115965-33	GKMTW230_082115	Total/NA	Water	200	
680-115965-34	GKMTW358_082115	Total/NA	Water	200	
LCS 680-397821/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397821/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	200	
680-115965-1 DU	A68_082115	Total/NA	Water	200	
680-115965-1 MS	A68_082115	Total/NA	Water	200	

Metals (Continued)

Prep Batch: 397823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1 MSD	A68_082115	Total/NA	Water	200	
680-115965-2	A68-082215	Total/NA	Water	200	
680-115965-3	A72_082115	Total/NA	Water	200	
680-115965-4	A72_082215	Total/NA	Water	200	
680-115965-15	CC48_082115	Total/NA	Water	200	
680-115965-16	CC48_082215	Total/NA	Water	200	
680-115965-17	CC48_082215D	Total/NA	Water	200	
680-115965-21	GKMSW01_082215	Total/NA	Water	200	
680-115965-22	GKMSW01_082315	Total/NA	Water	200	
680-115965-23	GKMSW02_082115	Total/NA	Water	200	
680-115965-23 MS	GKMSW02_082115	Total/NA	Water	200	
680-115965-23 MSD	GKMSW02_082115	Total/NA	Water	200	
680-115965-25	GKMSW04_082215	Total/NA	Water	200	
680-115965-26	GKMSW04_082315	Total/NA	Water	200	
680-115965-27	GKMSW04_082315D	Total/NA	Water	200	
680-115965-28	GKMSW05_082215	Total/NA	Water	200	
680-115965-29	GKMSW05_082315	Total/NA	Water	200	
680-115965-30	GKMTW117_082215	Total/NA	Water	200	
680-115965-32	GKMTW148_082215	Total/NA	Water	200	
680-115965-33	GKMTW230_082115	Total/NA	Water	200	
680-115965-34	GKMTW358_082115	Total/NA	Water	200	
LCS 680-397823/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397823/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-24	GKMSW02_082215	Total/NA	Water	200	
680-115965-35	GKMTW361_082115	Total/NA	Water	200	
680-115965-35 DU	GKMTW361_082115	Total/NA	Water	200	
680-115965-35 MS	GKMTW361_082115	Total/NA	Water	200	
680-115965-35 MSD	GKMTW361_082115	Total/NA	Water	200	
680-115965-38	GKMTW390_082215	Total/NA	Water	200	
680-115965-39	GKMTW395_082215	Total/NA	Water	200	
680-115965-40	RBEffluent_082115	Dissolved	Water	200	
680-115965-42	TP04_082115	Dissolved	Water	200	
680-115965-43	TP04_082215	Total/NA	Water	200	
LCS 680-397824/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397824/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 397826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-24	GKMSW02_082215	Total/NA	Water	200	
680-115965-35	GKMTW361_082115	Total/NA	Water	200	
680-115965-35 DU	GKMTW361_082115	Total/NA	Water	200	
680-115965-35 MS	GKMTW361_082115	Total/NA	Water	200	
680-115965-35 MSD	GKMTW361_082115	Total/NA	Water	200	
680-115965-38	GKMTW390_082215	Total/NA	Water	200	
680-115965-39	GKMTW395_082215	Total/NA	Water	200	
680-115965-40	RBEffluent_082115	Dissolved	Water	200	
680-115965-42	TP04_082115	Dissolved	Water	200	
680-115965-43	TP04_082215	Total/NA	Water	200	

Metals (Continued)

Prep Batch: 397826 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-397826/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397826/1-A	Method Blank	Total/NA	Water	200	

Analysis Batch: 397827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-19	GKMSE29_082015	Total/NA	Solid	7471A	397806
680-115965-19 MS	GKMSE29_082015	Total/NA	Solid	7471A	397806
680-115965-19 MSD	GKMSE29_082015	Total/NA	Solid	7471A	397806
680-115965-20	GKMSE30_082115	Total/NA	Solid	7471A	397806
LCS 680-397806/2-A	Lab Control Sample	Total/NA	Solid	7471A	397806
MB 680-397806/1-A	Method Blank	Total/NA	Solid	7471A	397806

Prep Batch: 397829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	245.1	
680-115965-1 DU	A68_082115	Total/NA	Water	245.1	
680-115965-1 MS	A68_082115	Total/NA	Water	245.1	
680-115965-1 MSD	A68_082115	Total/NA	Water	245.1	
680-115965-2	A68-082215	Total/NA	Water	245.1	
680-115965-3	A72_082115	Total/NA	Water	245.1	
680-115965-4	A72_082215	Total/NA	Water	245.1	
680-115965-15	CC48_082115	Total/NA	Water	245.1	
680-115965-16	CC48_082215	Total/NA	Water	245.1	
680-115965-17	CC48_082215D	Total/NA	Water	245.1	
680-115965-21	GKMSW01_082215	Total/NA	Water	245.1	
680-115965-22	GKMSW01_082315	Total/NA	Water	245.1	
680-115965-23	GKMSW02_082115	Total/NA	Water	245.1	
680-115965-25	GKMSW04_082215	Total/NA	Water	245.1	
680-115965-26	GKMSW04_082315	Total/NA	Water	245.1	
680-115965-27	GKMSW04_082315D	Total/NA	Water	245.1	
680-115965-28	GKMSW05_082215	Total/NA	Water	245.1	
680-115965-29	GKMSW05_082315	Total/NA	Water	245.1	
680-115965-30	GKMTW117_082215	Total/NA	Water	245.1	
680-115965-32	GKMTW148_082215	Total/NA	Water	245.1	
680-115965-33	GKMTW230_082115	Total/NA	Water	245.1	
680-115965-34	GKMTW358_082115	Total/NA	Water	245.1	
680-115965-34 MS	GKMTW358_082115	Total/NA	Water	245.1	
680-115965-34 MSD	GKMTW358_082115	Total/NA	Water	245.1	
LCS 680-397829/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-397829/1-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 397831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-24	GKMSW02_082215	Total/NA	Water	245.1	
680-115965-35	GKMTW361_082115	Total/NA	Water	245.1	
680-115965-36	GKMTW378_082115A	Total/NA	Water	245.1	
680-115965-38	GKMTW390_082215	Total/NA	Water	245.1	
680-115965-39	GKMTW395_082215	Total/NA	Water	245.1	
680-115965-40	RBEffluent_082115	Dissolved	Water	245.1	
680-115965-40 MS	RBEffluent_082115	Dissolved	Water	245.1	
680-115965-40 MSD	RBEffluent_082115	Dissolved	Water	245.1	

Metals (Continued)

Prep Batch: 397831 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-42	TP04_082115	Dissolved	Water	245.1	
680-115965-43	TP04_082215	Total/NA	Water	245.1	
LCS 680-397831/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-397831/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 397832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-19	GKMSE29_082015	Total/NA	Solid	6020A	397811
680-115965-20	GKMSE30_082115	Total/NA	Solid	6020A	397811
680-115965-20	GKMSE30_082115	Total/NA	Solid	6020A	397811
680-115965-20 MS	GKMSE30_082115	Total/NA	Solid	6020A	397811
680-115965-20 MS	GKMSE30_082115	Total/NA	Solid	6020A	397811
680-115965-20 MSD	GKMSE30_082115	Total/NA	Solid	6020A	397811
680-115965-20 MSD	GKMSE30_082115	Total/NA	Solid	6020A	397811
LCS 680-397811/2-A	Lab Control Sample	Total/NA	Solid	6020A	397811
MB 680-397811/1-A	Method Blank	Total/NA	Solid	6020A	397811

Analysis Batch: 397860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	245.1	397820
680-115965-1	A68_082115	Total/NA	Water	245.1	397829
680-115965-1 DU	A68_082115	Dissolved	Water	245.1	397820
680-115965-1 DU	A68_082115	Total/NA	Water	245.1	397829
680-115965-1 MS	A68_082115	Dissolved	Water	245.1	397820
680-115965-1 MS	A68_082115	Total/NA	Water	245.1	397829
680-115965-1 MSD	A68_082115	Dissolved	Water	245.1	397820
680-115965-1 MSD	A68_082115	Total/NA	Water	245.1	397829
680-115965-2	A68-082215	Dissolved	Water	245.1	397820
680-115965-2	A68-082215	Total/NA	Water	245.1	397829
680-115965-3	A72_082115	Dissolved	Water	245.1	397820
680-115965-3	A72_082115	Total/NA	Water	245.1	397829
680-115965-4	A72_082215	Dissolved	Water	245.1	397820
680-115965-4	A72_082215	Total/NA	Water	245.1	397829
680-115965-15	CC48_082115	Dissolved	Water	245.1	397820
680-115965-15	CC48_082115	Total/NA	Water	245.1	397829
680-115965-16	CC48_082215	Dissolved	Water	245.1	397820
680-115965-16	CC48_082215	Total/NA	Water	245.1	397829
680-115965-17	CC48_082215D	Dissolved	Water	245.1	397820
680-115965-17	CC48_082215D	Total/NA	Water	245.1	397829
680-115965-21	GKMSW01_082215	Dissolved	Water	245.1	397820
680-115965-21	GKMSW01_082215	Total/NA	Water	245.1	397829
680-115965-22	GKMSW01_082315	Dissolved	Water	245.1	397820
680-115965-22	GKMSW01_082315	Total/NA	Water	245.1	397829
680-115965-23	GKMSW02_082115	Dissolved	Water	245.1	397820
680-115965-23	GKMSW02_082115	Total/NA	Water	245.1	397829
680-115965-24	GKMSW02_082215	Dissolved	Water	245.1	397820
680-115965-24	GKMSW02_082215	Total/NA	Water	245.1	397831
680-115965-25	GKMSW04_082215	Dissolved	Water	245.1	397820
680-115965-25	GKMSW04_082215	Total/NA	Water	245.1	397829
680-115965-26	GKMSW04_082315	Dissolved	Water	245.1	397820
680-115965-26	GKMSW04_082315	Total/NA	Water	245.1	397829

Metals (Continued)

Analysis Batch: 397860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-27	GKMSW04_082315D	Dissolved	Water	245.1	397820
680-115965-27	GKMSW04_082315D	Total/NA	Water	245.1	397829
680-115965-28	GKMSW05_082215	Dissolved	Water	245.1	397820
680-115965-28	GKMSW05_082215	Total/NA	Water	245.1	397829
680-115965-29	GKMSW05_082315	Dissolved	Water	245.1	397820
680-115965-29	GKMSW05_082315	Total/NA	Water	245.1	397829
680-115965-30	GKMTW117_082215	Total/NA	Water	245.1	397829
680-115965-31	GKMTW137_082215	Total/NA	Water	245.1	397820
680-115965-31 MS	GKMTW137_082215	Total/NA	Water	245.1	397820
680-115965-31 MSD	GKMTW137_082215	Total/NA	Water	245.1	397820
680-115965-32	GKMTW148_082215	Total/NA	Water	245.1	397829
680-115965-33	GKMTW230_082115	Total/NA	Water	245.1	397829
680-115965-34	GKMTW358_082115	Total/NA	Water	245.1	397829
680-115965-34 MS	GKMTW358_082115	Total/NA	Water	245.1	397829
680-115965-34 MSD	GKMTW358_082115	Total/NA	Water	245.1	397829
680-115965-35	GKMTW361_082115	Total/NA	Water	245.1	397831
680-115965-36	GKMTW378_082115A	Total/NA	Water	245.1	397831
680-115965-37	GKMTW378_082115B	Total/NA	Water	245.1	397820
680-115965-38	GKMTW390_082215	Total/NA	Water	245.1	397831
680-115965-39	GKMTW395_082215	Total/NA	Water	245.1	397831
680-115965-40	RBEffluent_082115	Dissolved	Water	245.1	397831
680-115965-40 MS	RBEffluent_082115	Dissolved	Water	245.1	397831
680-115965-40 MSD	RBEffluent_082115	Dissolved	Water	245.1	397831
680-115965-42	TP04_082115	Dissolved	Water	245.1	397831
680-115965-43	TP04_082215	Dissolved	Water	245.1	397820
680-115965-43	TP04_082215	Total/NA	Water	245.1	397831
LCS 680-397820/3-A	Lab Control Sample	Total/NA	Water	245.1	397820
LCS 680-397829/3-A	Lab Control Sample	Total/NA	Water	245.1	397829
LCS 680-397831/3-A	Lab Control Sample	Total/NA	Water	245.1	397831
MB 680-397820/1-A	Method Blank	Total/NA	Water	245.1	397820
MB 680-397829/1-A	Method Blank	Total/NA	Water	245.1	397829
MB 680-397831/1-A	Method Blank	Total/NA	Water	245.1	397831

Prep Batch: 397862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-7	CC03_082115	Dissolved	Water	245.1	
680-115965-7 MS	CC03_082115	Dissolved	Water	245.1	
680-115965-7 MSD	CC03_082115	Dissolved	Water	245.1	
LCS 680-397862/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-397862/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 397902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	200.8	397812
680-115965-1	A68_082115	Total/NA	Water	200.8	397821
680-115965-1 DU	A68_082115	Dissolved	Water	200.8	397812
680-115965-1 DU	A68_082115	Total/NA	Water	200.8	397821
680-115965-1 MS	A68_082115	Dissolved	Water	200.8	397812
680-115965-1 MS	A68_082115	Total/NA	Water	200.8	397821
680-115965-1 MSD	A68_082115	Dissolved	Water	200.8	397812
680-115965-1 MSD	A68_082115	Total/NA	Water	200.8	397821

Metals (Continued)

Analysis Batch: 397902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-2	A68-082215	Dissolved	Water	200.8	397812
680-115965-2	A68-082215	Total/NA	Water	200.8	397821
680-115965-3	A72_082115	Dissolved	Water	200.8	397812
680-115965-3	A72_082115	Total/NA	Water	200.8	397821
680-115965-3 MS	A72_082115	Dissolved	Water	200.8	397812
680-115965-3 MSD	A72_082115	Dissolved	Water	200.8	397812
680-115965-4	A72_082215	Dissolved	Water	200.8	397812
680-115965-4	A72_082215	Total/NA	Water	200.8	397821
680-115965-7	CC03_082115	Dissolved	Water	200.8	397805
680-115965-7 MS	CC03_082115	Dissolved	Water	200.8	397805
680-115965-7 MSD	CC03_082115	Dissolved	Water	200.8	397805
680-115965-15	CC48_082115	Dissolved	Water	200.8	397812
680-115965-15	CC48_082115	Total/NA	Water	200.8	397821
680-115965-16	CC48_082215	Dissolved	Water	200.8	397812
680-115965-16	CC48_082215	Total/NA	Water	200.8	397821
680-115965-17	CC48_082215D	Dissolved	Water	200.8	397812
680-115965-17	CC48_082215D	Total/NA	Water	200.8	397821
680-115965-21	GKMSW01_082215	Dissolved	Water	200.8	397812
680-115965-21	GKMSW01_082215	Total/NA	Water	200.8	397821
680-115965-22	GKMSW01_082315	Dissolved	Water	200.8	397812
680-115965-22	GKMSW01_082315	Total/NA	Water	200.8	397821
680-115965-23	GKMSW02_082115	Dissolved	Water	200.8	397812
680-115965-23	GKMSW02_082115	Total/NA	Water	200.8	397821
680-115965-23 MS	GKMSW02_082115	Total/NA	Water	200.8	397821
680-115965-23 MSD	GKMSW02_082115	Total/NA	Water	200.8	397821
680-115965-24	GKMSW02_082215	Dissolved	Water	200.8	397812
680-115965-24	GKMSW02_082215	Total/NA	Water	200.8	397826
680-115965-25	GKMSW04_082215	Dissolved	Water	200.8	397812
680-115965-25	GKMSW04_082215	Total/NA	Water	200.8	397821
680-115965-26	GKMSW04_082315	Dissolved	Water	200.8	397812
680-115965-26	GKMSW04_082315	Total/NA	Water	200.8	397821
680-115965-27	GKMSW04_082315D	Dissolved	Water	200.8	397812
680-115965-27	GKMSW04_082315D	Total/NA	Water	200.8	397821
680-115965-28	GKMSW05_082215	Dissolved	Water	200.8	397812
680-115965-28	GKMSW05_082215	Total/NA	Water	200.8	397821
680-115965-29	GKMSW05_082315	Dissolved	Water	200.8	397812
680-115965-29	GKMSW05_082315	Total/NA	Water	200.8	397821
680-115965-30	GKMTW117_082215	Total/NA	Water	200.8	397821
680-115965-31	GKMTW137_082215	Total/NA	Water	200.8	397812
680-115965-32	GKMTW148_082215	Total/NA	Water	200.8	397821
680-115965-33	GKMTW230_082115	Total/NA	Water	200.8	397821
680-115965-34	GKMTW358_082115	Total/NA	Water	200.8	397821
680-115965-35	GKMTW361_082115	Total/NA	Water	200.8	397826
680-115965-35 DU	GKMTW361_082115	Total/NA	Water	200.8	397826
680-115965-35 MS	GKMTW361_082115	Total/NA	Water	200.8	397826
680-115965-35 MSD	GKMTW361_082115	Total/NA	Water	200.8	397826
680-115965-36	GKMTW378_082115A	Total/NA	Water	200.8	397812
680-115965-37	GKMTW378_082115B	Total/NA	Water	200.8	397812
680-115965-38	GKMTW390_082215	Total/NA	Water	200.8	397826
680-115965-39	GKMTW395_082215	Total/NA	Water	200.8	397826
680-115965-40	RBEffluent_082115	Dissolved	Water	200.8	397826

Metals (Continued)

Analysis Batch: 397902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-42	TP04_082115	Dissolved	Water	200.8	397826
680-115965-43	TP04_082215	Dissolved	Water	200.8	397812
680-115965-43	TP04_082215	Total/NA	Water	200.8	397826
LCS 680-397805/2-A	Lab Control Sample	Total/NA	Water	200.8	397805
LCS 680-397812/2-A	Lab Control Sample	Total/NA	Water	200.8	397812
LCS 680-397821/2-A	Lab Control Sample	Total/NA	Water	200.8	397821
LCS 680-397826/2-A	Lab Control Sample	Total/NA	Water	200.8	397826
MB 680-397805/1-A	Method Blank	Total/NA	Water	200.8	397805
MB 680-397812/1-A	Method Blank	Total/NA	Water	200.8	397812
MB 680-397821/1-A	Method Blank	Total/NA	Water	200.8	397821
MB 680-397826/1-A	Method Blank	Total/NA	Water	200.8	397826

Analysis Batch: 397920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-7	CC03_082115	Dissolved	Water	245.1	397862
680-115965-7 MS	CC03_082115	Dissolved	Water	245.1	397862
680-115965-7 MSD	CC03_082115	Dissolved	Water	245.1	397862
LCS 680-397862/3-A	Lab Control Sample	Total/NA	Water	245.1	397862
MB 680-397862/1-A	Method Blank	Total/NA	Water	245.1	397862

Analysis Batch: 397961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-1 DU	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1 DU	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-1 MS	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1 MS	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-1 MSD	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1 MSD	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-2	A68-082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-2	A68-082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-3	A72_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-3	A72_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-3 MS	A72_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-3 MSD	A72_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-4	A72_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-4	A72_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-7	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397807
680-115965-7	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397807
680-115965-7 MS	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397807
680-115965-7 MS	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397807
680-115965-7 MSD	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397807
680-115965-7 MSD	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397807
680-115965-15	CC48_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-15	CC48_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-16	CC48_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-16	CC48_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-17	CC48_082215D	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-17	CC48_082215D	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-19	GKMSE29_082015	Total/NA	Solid	6010C	397810

Metals (Continued)

Analysis Batch: 397961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-20	GKMSE30_082115	Total/NA	Solid	6010C	397810
680-115965-20	GKMSE30_082115	Total/NA	Solid	6010C	397810
680-115965-20 MS	GKMSE30_082115	Total/NA	Solid	6010C	397810
680-115965-20 MS	GKMSE30_082115	Total/NA	Solid	6010C	397810
680-115965-20 MSD	GKMSE30_082115	Total/NA	Solid	6010C	397810
680-115965-20 MSD	GKMSE30_082115	Total/NA	Solid	6010C	397810
680-115965-21	GKMSW01_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-21	GKMSW01_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-22	GKMSW01_082315	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-22	GKMSW01_082315	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-23	GKMSW02_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-23	GKMSW02_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-23 MS	GKMSW02_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-23 MSD	GKMSW02_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-24	GKMSW02_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-24	GKMSW02_082215	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-25	GKMSW04_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-25	GKMSW04_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-26	GKMSW04_082315	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-26	GKMSW04_082315	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-27	GKMSW04_082315D	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-27	GKMSW04_082315D	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-28	GKMSW05_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-28	GKMSW05_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-29	GKMSW05_082315	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-29	GKMSW05_082315	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-30	GKMTW117_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-31	GKMTW137_082215	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-32	GKMTW148_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-33	GKMTW230_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-34	GKMTW358_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-35	GKMTW361_082115	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-35 DU	GKMTW361_082115	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-35 MS	GKMTW361_082115	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-35 MSD	GKMTW361_082115	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-36	GKMTW378_082115A	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-36	GKMTW378_082115A	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-37	GKMTW378_082115B	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-37	GKMTW378_082115B	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-38	GKMTW390_082215	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-39	GKMTW395_082215	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-40	RBEffluent_082115	Dissolved	Water	200.7 Rev 4.4	397824
680-115965-40	RBEffluent_082115	Dissolved	Water	200.7 Rev 4.4	397824
680-115965-42	TP04_082115	Dissolved	Water	200.7 Rev 4.4	397824
680-115965-42	TP04_082115	Dissolved	Water	200.7 Rev 4.4	397824
680-115965-43	TP04_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-43	TP04_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-43	TP04_082215	Total/NA	Water	200.7 Rev 4.4	397824
680-115965-43	TP04_082215	Total/NA	Water	200.7 Rev 4.4	397824
LCS 680-397807/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397807
LCS 680-397810/2-A	Lab Control Sample	Total/NA	Solid	6010C	397810

Metals (Continued)

Analysis Batch: 397961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-397816/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397816
LCS 680-397823/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397823
LCS 680-397824/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397824
MB 680-397807/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397807
MB 680-397810/1-A	Method Blank	Total/NA	Solid	6010C	397810
MB 680-397816/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397816
MB 680-397823/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397823
MB 680-397824/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397824

Analysis Batch: 397972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	2340B-2011	
680-115965-2	A68-082215	Total/NA	Water	2340B-2011	
680-115965-3	A72_082115	Total/NA	Water	2340B-2011	
680-115965-4	A72_082215	Total/NA	Water	2340B-2011	
680-115965-15	CC48_082115	Total/NA	Water	2340B-2011	
680-115965-16	CC48_082215	Total/NA	Water	2340B-2011	
680-115965-17	CC48_082215D	Total/NA	Water	2340B-2011	
680-115965-21	GKMSW01_082215	Total/NA	Water	2340B-2011	
680-115965-22	GKMSW01_082315	Total/NA	Water	2340B-2011	
680-115965-23	GKMSW02_082115	Total/NA	Water	2340B-2011	
680-115965-24	GKMSW02_082215	Total/NA	Water	2340B-2011	
680-115965-25	GKMSW04_082215	Total/NA	Water	2340B-2011	
680-115965-26	GKMSW04_082315	Total/NA	Water	2340B-2011	
680-115965-27	GKMSW04_082315D	Total/NA	Water	2340B-2011	
680-115965-28	GKMSW05_082215	Total/NA	Water	2340B-2011	
680-115965-29	GKMSW05_082315	Total/NA	Water	2340B-2011	
680-115965-30	GKMTW117_082215	Total/NA	Water	2340B-2011	
680-115965-31	GKMTW137_082215	Total/NA	Water	2340B-2011	
680-115965-32	GKMTW148_082215	Total/NA	Water	2340B-2011	
680-115965-33	GKMTW230_082115	Total/NA	Water	2340B-2011	
680-115965-34	GKMTW358_082115	Total/NA	Water	2340B-2011	
680-115965-35	GKMTW361_082115	Total/NA	Water	2340B-2011	
680-115965-36	GKMTW378_082115A	Total/NA	Water	2340B-2011	
680-115965-37	GKMTW378_082115B	Total/NA	Water	2340B-2011	
680-115965-38	GKMTW390_082215	Total/NA	Water	2340B-2011	
680-115965-39	GKMTW395_082215	Total/NA	Water	2340B-2011	
680-115965-43	TP04_082215	Total/NA	Water	2340B-2011	
MB 680-397972/13	Method Blank	Total/NA	Water	2340B-2011	
MB 680-397972/17	Method Blank	Total/NA	Water	2340B-2011	
MB 680-397972/37	Method Blank	Total/NA	Water	2340B-2011	

Prep Batch: 397996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-7	CC03_082115	Dissolved	Water	200	
680-115965-7 MS	CC03_082115	Dissolved	Water	200	
680-115965-7 MSD	CC03_082115	Dissolved	Water	200	
LCS 680-397996/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-397996/1-A	Method Blank	Total/NA	Water	200	

Metals (Continued)

Analysis Batch: 398063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-1 DU	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1 DU	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-1 MS	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1 MS	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-1 MSD	A68_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-1 MSD	A68_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-2	A68-082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-2	A68-082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-3	A72_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-3	A72_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-3 MS	A72_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-3 MSD	A72_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-4	A72_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-4	A72_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-15	CC48_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-15	CC48_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-16	CC48_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-16	CC48_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-17	CC48_082215D	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-17	CC48_082215D	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-21	GKMSW01_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-21	GKMSW01_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-22	GKMSW01_082315	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-22	GKMSW01_082315	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-23	GKMSW02_082115	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-23	GKMSW02_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-23 MS	GKMSW02_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-23 MSD	GKMSW02_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-24	GKMSW02_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-25	GKMSW04_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-25	GKMSW04_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-26	GKMSW04_082315	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-26	GKMSW04_082315	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-27	GKMSW04_082315D	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-27	GKMSW04_082315D	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-28	GKMSW05_082215	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-28	GKMSW05_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-29	GKMSW05_082315	Dissolved	Water	200.7 Rev 4.4	397816
680-115965-29	GKMSW05_082315	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-30	GKMTW117_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-31	GKMTW137_082215	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-32	GKMTW148_082215	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-33	GKMTW230_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-34	GKMTW358_082115	Total/NA	Water	200.7 Rev 4.4	397823
680-115965-36	GKMTW378_082115A	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-37	GKMTW378_082115B	Total/NA	Water	200.7 Rev 4.4	397816
680-115965-43	TP04_082215	Dissolved	Water	200.7 Rev 4.4	397816
LCS 680-397816/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397816
LCS 680-397823/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397823

Metals (Continued)

Analysis Batch: 398063 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-397996/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	397996
MB 680-397816/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397816
MB 680-397823/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397823
MB 680-397996/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	397996

Analysis Batch: 398158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-7	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397996
680-115965-7 MS	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397996
680-115965-7 MSD	CC03_082115	Dissolved	Water	200.7 Rev 4.4	397996

General Chemistry

Analysis Batch: 397833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	2320B-2011	
680-115965-1 DU	A68_082115	Total/NA	Water	2320B-2011	
680-115965-2	A68-082215	Total/NA	Water	2320B-2011	
680-115965-3	A72_082115	Total/NA	Water	2320B-2011	
680-115965-4	A72_082215	Total/NA	Water	2320B-2011	
680-115965-7	CC03_082115	Total/NA	Water	2320B-2011	
680-115965-15	CC48_082115	Total/NA	Water	2320B-2011	
680-115965-16	CC48_082215	Total/NA	Water	2320B-2011	
680-115965-17	CC48_082215D	Total/NA	Water	2320B-2011	
680-115965-21	GKMSW01_082215	Total/NA	Water	2320B-2011	
680-115965-22	GKMSW01_082315	Total/NA	Water	2320B-2011	
680-115965-23	GKMSW02_082115	Total/NA	Water	2320B-2011	
680-115965-24	GKMSW02_082215	Total/NA	Water	2320B-2011	
LCS 680-397833/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-397833/32	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-397833/5	Method Blank	Total/NA	Water	2320B-2011	

Analysis Batch: 397834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-25	GKMSW04_082215	Total/NA	Water	2320B-2011	
680-115965-26	GKMSW04_082315	Total/NA	Water	2320B-2011	
680-115965-27	GKMSW04_082315D	Total/NA	Water	2320B-2011	
680-115965-28	GKMSW05_082215	Total/NA	Water	2320B-2011	
680-115965-29	GKMSW05_082315	Total/NA	Water	2320B-2011	
680-115965-40	RBEffluent_082115	Total/NA	Water	2320B-2011	
680-115965-40 DU	RBEffluent_082115	Total/NA	Water	2320B-2011	
680-115965-42	TP04_082115	Total/NA	Water	2320B-2011	
680-115965-43	TP04_082215	Total/NA	Water	2320B-2011	
LCS 680-397834/3	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-397834/16	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-397834/2	Method Blank	Total/NA	Water	2320B-2011	

Analysis Batch: 397835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1	A68_082115	Total/NA	Water	4500 H+ B-2011	

General Chemistry (Continued)

Analysis Batch: 397835 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-1 DU	A68_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-2	A68-082215	Total/NA	Water	4500 H+ B-2011	
680-115965-3	A72_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-4	A72_082215	Total/NA	Water	4500 H+ B-2011	
680-115965-7	CC03_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-15	CC48_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-16	CC48_082215	Total/NA	Water	4500 H+ B-2011	
680-115965-17	CC48_082215D	Total/NA	Water	4500 H+ B-2011	
680-115965-21	GKMSW01_082215	Total/NA	Water	4500 H+ B-2011	
680-115965-22	GKMSW01_082315	Total/NA	Water	4500 H+ B-2011	
680-115965-23	GKMSW02_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-24	GKMSW02_082215	Total/NA	Water	4500 H+ B-2011	
LCS 680-397835/3	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

Analysis Batch: 397836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-25	GKMSW04_082215	Total/NA	Water	4500 H+ B-2011	
680-115965-26	GKMSW04_082315	Total/NA	Water	4500 H+ B-2011	
680-115965-27	GKMSW04_082315D	Total/NA	Water	4500 H+ B-2011	
680-115965-28	GKMSW05_082215	Total/NA	Water	4500 H+ B-2011	
680-115965-29	GKMSW05_082315	Total/NA	Water	4500 H+ B-2011	
680-115965-40	RBEffluent_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-40 DU	RBEffluent_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-42	TP04_082115	Total/NA	Water	4500 H+ B-2011	
680-115965-43	TP04_082215	Total/NA	Water	4500 H+ B-2011	
LCS 680-397836/1	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

Analysis Batch: 397859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115965-19	GKMSE29_082015	Total/NA	Solid	Moisture	
680-115965-20	GKMSE30_082115	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A68_082115

Date Collected: 08/21/15 14:10
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/24/15 21:58	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 20:11	SMC	TAL SAV
	Instrument ID: CICH									
Total/NA	Analysis	300.0		4	5 mL	5 mL	397842	08/25/15 05:25	SMC	TAL SAV
	Instrument ID: CICH									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 00:45	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 19:47	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:55	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:10	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 03:59	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:39	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:26	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:06	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 18:19	DAM	TAL SAV
	Instrument ID: MANTECH									
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 18:19	DAM	TAL SAV
	Instrument ID: MANTECH									

Client Sample ID: A68-082215

Date Collected: 08/22/15 13:45
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397770	08/24/15 20:26	SMC	TAL SAV
	Instrument ID: CICG									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A68-082215

Lab Sample ID: 680-115965-2

Date Collected: 08/22/15 13:45
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 21:12	SMC	TAL SAV
	Instrument ID: CICH									
Total/NA	Analysis	300.0		5	5 mL	5 mL	397869	08/25/15 11:41	SMC	TAL SAV
	Instrument ID: CICL									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:29	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:42	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:52	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:06	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:45	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:35	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:33	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:18	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 18:33	DAM	TAL SAV
	Instrument ID: MANTECH									
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 18:33	DAM	TAL SAV
	Instrument ID: MANTECH									

Client Sample ID: A72_082115

Lab Sample ID: 680-115965-3

Date Collected: 08/21/15 15:25
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/24/15 23:00	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		4	5 mL	5 mL	397842	08/25/15 04:54	SMC	TAL SAV
	Instrument ID: CICH									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: A72_082115

Lab Sample ID: 680-115965-3

Date Collected: 08/21/15 15:25
Date Received: 08/24/15 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397846	08/24/15 20:02	SMC	TAL SAV
	Instrument ID: CICL									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:00	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:05	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:48	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:00	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 04:31	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:31	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:44	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:27	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 18:40	DAM	TAL SAV
	Instrument ID: MANTECH									
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 18:40	DAM	TAL SAV
	Instrument ID: MANTECH									

Client Sample ID: A72_082215

Lab Sample ID: 680-115965-4

Date Collected: 08/22/15 15:15
Date Received: 08/24/15 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/24/15 23:16	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		4	5 mL	5 mL	397842	08/25/15 05:10	SMC	TAL SAV
	Instrument ID: CICH									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397846	08/24/15 20:17	SMC	TAL SAV
	Instrument ID: CICL									

Client Sample ID: A72_082215
Date Collected: 08/22/15 15:15
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:16	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:33	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:36	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:55	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:36	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:27	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:27	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:30	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 18:47	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 18:47	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: CC03_082115
Date Collected: 08/21/15 08:25
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/24/15 23:46	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397846	08/24/15 20:31	SMC	TAL SAV
	Instrument ID:	CICL								
Total/NA	Analysis	300.0		40	5 mL	5 mL	397846	08/24/15 22:47	SMC	TAL SAV
	Instrument ID:	CICL								
Total/NA	Analysis	300.0		2	5 mL	5 mL	397846	08/24/15 23:02	SMC	TAL SAV
	Instrument ID:	CICL								

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC03_082115

Lab Sample ID: 680-115965-7
Date Collected: 08/21/15 08:25
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	397807	08/24/15 17:14	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/24/15 22:45	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397807	08/24/15 17:14	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 07:23	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397996	08/25/15 14:48	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	398158	08/26/15 11:15	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397805	08/24/15 17:08	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 01:54	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Dissolved	Prep	245.1			50 mL	50 mL	397862	08/25/15 09:01	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397920	08/25/15 12:06	BCB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 18:56	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 18:56	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: CC48_082115

Lab Sample ID: 680-115965-15
Date Collected: 08/21/15 13:50
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/25/15 02:51	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		25	5 mL	5 mL	397872	08/25/15 09:35	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 19:07	SMC	TAL SAV
	Instrument ID:	CICK								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:12	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:29	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:33	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:42	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082115

Lab Sample ID: 680-115965-15

Date Collected: 08/21/15 13:50
Date Received: 08/24/15 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:32	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:23	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:24	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:33	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 19:45	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 19:45	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: CC48_082215

Lab Sample ID: 680-115965-16

Date Collected: 08/22/15 13:20
Date Received: 08/24/15 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/25/15 03:07	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		25	5 mL	5 mL	397872	08/25/15 09:50	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 19:23	SMC	TAL SAV
	Instrument ID:	CICK								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:38	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:49	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:29	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:38	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 04:55	BWR	TAL SAV
	Instrument ID:	ICPMSC								

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082215

Lab Sample ID: 680-115965-16

Date Collected: 08/22/15 13:20
Date Received: 08/24/15 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:18	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:56	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:36	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 19:49	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 19:49	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: CC48_082215D

Lab Sample ID: 680-115965-17

Date Collected: 08/22/15 13:20
Date Received: 08/24/15 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397838	08/25/15 03:22	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		25	5 mL	5 mL	397872	08/25/15 10:06	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 19:38	SMC	TAL SAV
	Instrument ID:	CICK								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:27	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:36	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:25	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:33	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 04:43	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: CC48_082215D — Lab Sample ID: 680-115965-17

Date Collected: 08/22/15 13:20 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:14	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:47	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:39	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 19:53	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 19:53	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMSE29_082015 — Lab Sample ID: 680-115965-19

Date Collected: 08/20/15 14:02 — **Matrix: Solid**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			397859	08/25/15 08:50	FES	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: GKMSE29_082015 — Lab Sample ID: 680-115965-19

Date Collected: 08/20/15 14:02 — **Matrix: Solid**
Date Received: 08/24/15 15:30 — **Percent Solids: 28.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.00 g	100 mL	397810	08/24/15 17:29	CRW	TAL SAV
Total/NA	Analysis	6010C		1	1.00 g	100 mL	397961	08/25/15 06:52	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	3050B			1.00 g	500 mL	397811	08/24/15 17:32	CRW	TAL SAV
Total/NA	Analysis	6020A		1	1.00 g	500 mL	397832	08/24/15 22:22	CME	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	7471A			0.56 g	50 mL	397806	08/24/15 17:09	JKL	TAL SAV
Total/NA	Analysis	7471A		1	0.56 g	50 mL	397827	08/24/15 19:17	JKL	TAL SAV
	Instrument ID:	LEEMAN2								

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSE30_082115 — Lab Sample ID: 680-115965-20

Date Collected: 08/21/15 15:10
Date Received: 08/24/15 15:30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			397859	08/25/15 08:50	FES	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: GKMSE30_082115 — Lab Sample ID: 680-115965-20

Date Collected: 08/21/15 15:10
Date Received: 08/24/15 15:30
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.04 g	100 mL	397810	08/24/15 17:29	CRW	TAL SAV
Total/NA	Analysis	6010C		1	1.04 g	100 mL	397961	08/25/15 06:26	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	3050B			1.04 g	100 mL	397810	08/24/15 17:29	CRW	TAL SAV
Total/NA	Analysis	6010C		10	1.04 g	100 mL	397961	08/25/15 10:32	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	3050B			1.04 g	500 mL	397811	08/24/15 17:32	CRW	TAL SAV
Total/NA	Analysis	6020A		1	1.04 g	500 mL	397832	08/24/15 21:57	CME	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	3050B			1.04 g	500 mL	397811	08/24/15 17:32	CRW	TAL SAV
Total/NA	Analysis	6020A		10	1.04 g	500 mL	397832	08/24/15 22:56	CME	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7471A			0.56 g	50 mL	397806	08/24/15 17:09	JKL	TAL SAV
Total/NA	Analysis	7471A		1	0.56 g	50 mL	397827	08/24/15 19:26	JKL	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMSW01_082215 — Lab Sample ID: 680-115965-21

Date Collected: 08/22/15 09:25
Date Received: 08/24/15 15:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 04:39	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397846	08/24/15 20:46	SMC	TAL SAV
	Instrument ID: CICL									
Total/NA	Analysis	300.0		4	5 mL	5 mL	397846	08/24/15 23:16	SMC	TAL SAV
	Instrument ID: CICL									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:19	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:38	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:21	BCB	TAL SAV
	Instrument ID: ICPE									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW01_082215

Lab Sample ID: 680-115965-21

Date Collected: 08/22/15 09:25
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:27	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:40	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 07:10	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:30	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:43	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 20:05	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 20:05	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMSW01_082315

Lab Sample ID: 680-115965-22

Date Collected: 08/23/15 09:15
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397770	08/24/15 18:54	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		5	5 mL	5 mL	397872	08/25/15 10:21	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 19:54	SMC	TAL SAV
	Instrument ID:	CICK								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:01	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:16	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:18	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW01_082315

Lab Sample ID: 680-115965-22

Date Collected: 08/23/15 09:15
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:24	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:28	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 06:58	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:21	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:46	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 20:12	DAM	TAL SAV
	Instrument ID: MANTECH									
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 20:12	DAM	TAL SAV
	Instrument ID: MANTECH									

Client Sample ID: GKMSW02_082115

Lab Sample ID: 680-115965-23

Date Collected: 08/21/15 16:50
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 06:11	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		4	5 mL	5 mL	397842	08/25/15 06:27	SMC	TAL SAV
	Instrument ID: CICH									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 20:09	SMC	TAL SAV
	Instrument ID: CICK									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:42	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:54	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 03:06	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 17:12	BCB	TAL SAV
	Instrument ID: ICPE									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW02_082115

Lab Sample ID: 680-115965-23

Date Collected: 08/21/15 16:50
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 04:59	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 06:33	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:59	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:49	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 20:19	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 20:19	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMSW02_082215

Lab Sample ID: 680-115965-24

Date Collected: 08/22/15 17:35
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397770	08/24/15 18:38	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 20:24	SMC	TAL SAV
	Instrument ID:	CICK								
Total/NA	Analysis	300.0		4	5 mL	5 mL	397846	08/24/15 22:04	SMC	TAL SAV
	Instrument ID:	CICL								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:34	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:45	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 05:55	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 04:51	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW02_082215

Lab Sample ID: 680-115965-24

Date Collected: 08/22/15 17:35
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 09:54	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:53	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 03:20	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397833	08/24/15 20:26	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397835	08/24/15 20:26	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMSW04_082215

Lab Sample ID: 680-115965-25

Date Collected: 08/22/15 11:00
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 06:27	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 20:40	SMC	TAL SAV
	Instrument ID:	CICK								
Total/NA	Analysis	300.0		4	5 mL	5 mL	397846	08/24/15 22:18	SMC	TAL SAV
	Instrument ID:	CICL								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:46	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:58	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:56	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 19:21	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:03	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:37	BWR	TAL SAV
	Instrument ID:	ICPMSC								

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082215

Lab Sample ID: 680-115965-25

Date Collected: 08/22/15 11:00
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:02	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:52	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 21:52	DAM	TAL SAV
	Instrument ID: MANTECH									
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 21:52	DAM	TAL SAV
	Instrument ID: MANTECH									

Client Sample ID: GKMSW04_082315

Lab Sample ID: 680-115965-26

Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397770	08/24/15 19:24	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 21:58	SMC	TAL SAV
	Instrument ID: CICH									
Total/NA	Analysis	300.0		5	5 mL	5 mL	397869	08/25/15 10:28	SMC	TAL SAV
	Instrument ID: CICL									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:57	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:11	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:52	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 19:16	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:24	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:32	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082315

Lab Sample ID: 680-115965-26

Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:18	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 01:55	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 21:59	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 21:59	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMSW04_082315D

Lab Sample ID: 680-115965-27

Date Collected: 08/23/15 10:05
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397770	08/24/15 19:40	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 22:14	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	397869	08/25/15 09:30	SMC	TAL SAV
	Instrument ID:	CICL								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:53	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:07	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:48	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 19:12	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:20	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:28	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW04_082315D — Lab Sample ID: 680-115965-27

Date Collected: 08/23/15 10:05 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:14	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:04	BJB	TAL SAV
	Instrument ID: LEEMAN2									
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 22:06	DAM	TAL SAV
	Instrument ID: MANTECH									
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 22:06	DAM	TAL SAV
	Instrument ID: MANTECH									

Client Sample ID: GKMSW05_082215 — Lab Sample ID: 680-115965-28

Date Collected: 08/22/15 10:15 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 06:42	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397828	08/24/15 20:55	SMC	TAL SAV
	Instrument ID: CICK									
Total/NA	Analysis	300.0		4	5 mL	5 mL	397846	08/24/15 22:33	SMC	TAL SAV
	Instrument ID: CICL									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:49	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:02	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:44	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 19:07	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:07	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:24	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:05	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW05_082215

Lab Sample ID: 680-115965-28

Date Collected: 08/22/15 10:15
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:07	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 21:29	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 21:29	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMSW05_082315

Lab Sample ID: 680-115965-29

Date Collected: 08/23/15 09:30
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397770	08/24/15 19:09	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 23:00	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	397869	08/25/15 10:43	SMC	TAL SAV
	Instrument ID:	CICL								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 01:30	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 20:40	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:41	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 19:03	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 04:47	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:20	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/24/15 23:50	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMSW05_082315 — Lab Sample ID: 680-115965-29

Date Collected: 08/23/15 09:30 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:10	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 21:36	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 21:36	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: GKMTW117_082215 — Lab Sample ID: 680-115965-30

Date Collected: 08/22/15 16:10 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:37	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:59	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:16	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:13	BJB	TAL SAV
	Instrument ID:	LEEMAN2								

Client Sample ID: GKMTW137_082215 — Lab Sample ID: 680-115965-31

Date Collected: 08/22/15 15:00 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:44	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 22:00	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397812	08/24/15 17:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 06:09	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:38	RAM	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW137_082215 — Lab Sample ID: 680-115965-31

Date Collected: 08/22/15 15:00 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:42	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW148_082215 — Lab Sample ID: 680-115965-32

Date Collected: 08/22/15 12:20 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:33	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:54	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:12	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:16	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW230_082115 — Lab Sample ID: 680-115965-33

Date Collected: 08/21/15 17:20 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:22	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:50	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:40	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:08	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:19	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW358_082115 — Lab Sample ID: 680-115965-34

Date Collected: 08/21/15 12:10 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 04:18	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397823	08/24/15 18:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 18:36	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397821	08/24/15 18:39	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 08:04	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397829	08/24/15 20:17	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:22	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW361_082115 — Lab Sample ID: 680-115965-35

Date Collected: 08/21/15 12:45 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 05:40	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 09:21	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 03:17	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW378_082115A — Lab Sample ID: 680-115965-36

Date Collected: 08/21/15 17:45 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:40	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 08:27	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW378_082115A — Lab Sample ID: 680-115965-36

Date Collected: 08/21/15 17:45 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:56	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397812	08/24/15 17:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:57	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:58	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW378_082115B — Lab Sample ID: 680-115965-37

Date Collected: 08/21/15 17:53 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:36	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 08:23	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:51	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397812	08/24/15 17:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:53	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:39	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW390_082215 — Lab Sample ID: 680-115965-38

Date Collected: 08/22/15 13:00 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 05:36	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: GKMTW390_082215 — Lab Sample ID: 680-115965-38

Date Collected: 08/22/15 13:00 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 09:17	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 03:08	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: GKMTW395_082215 — Lab Sample ID: 680-115965-39

Date Collected: 08/22/15 14:00 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 05:30	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 09:13	BWR	TAL SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID: ICPE									
Total/NA	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 03:05	BJB	TAL SAV
	Instrument ID: LEEMAN2									

Client Sample ID: RBEffluent_082115 — Lab Sample ID: 680-115965-40

Date Collected: 08/21/15 12:50 — **Matrix: Water**
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 06:58	SMC	TAL SAV
	Instrument ID: CICG									
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 23:15	SMC	TAL SAV
	Instrument ID: CICH									
Total/NA	Analysis	300.0		50	5 mL	5 mL	397869	08/25/15 10:57	SMC	TAL SAV
	Instrument ID: CICL									
Dissolved	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 06:11	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 10:28	BCB	TAL SAV
	Instrument ID: ICPE									
Dissolved	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: RBEffluent_082115

Lab Sample ID: 680-115965-40

Date Collected: 08/21/15 12:50
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 10:02	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Dissolved	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:46	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 21:41	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 21:41	DAM	TAL SAV
	Instrument ID:	MANTECH								

Client Sample ID: TP04_082115

Lab Sample ID: 680-115965-42

Date Collected: 08/21/15 09:45
Matrix: Water
Date Received: 08/24/15 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 05:41	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 23:31	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	397869	08/25/15 11:12	SMC	TAL SAV
	Instrument ID:	CICL								
Dissolved	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 06:07	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 10:25	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 09:58	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Dissolved	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 02:55	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 22:32	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 22:32	DAM	TAL SAV
	Instrument ID:	MANTECH								

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Client Sample ID: TP04_082215

Date Collected: 08/22/15 13:40
Date Received: 08/24/15 15:30

Lab Sample ID: 680-115965-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	397839	08/25/15 05:56	SMC	TAL SAV
	Instrument ID:	CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	397814	08/24/15 23:46	SMC	TAL SAV
	Instrument ID:	CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	397869	08/25/15 11:26	SMC	TAL SAV
	Instrument ID:	CICL								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 02:33	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 08:20	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397816	08/24/15 17:49	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398063	08/25/15 21:47	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	397961	08/25/15 05:18	BCB	TAL SAV
	Instrument ID:	ICPE								
Total/NA	Prep	200			50 mL	50 mL	397824	08/24/15 19:30	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	397961	08/25/15 10:13	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	200			50 mL	50 mL	397812	08/24/15 17:40	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 05:49	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	397826	08/24/15 19:34	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	397902	08/25/15 09:09	BWR	TAL SAV
	Instrument ID:	ICPMSC								
Total/NA	Analysis	2340B-2011		1			397972	08/25/15 14:17	BCB	TAL SAV
	Instrument ID:	ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	397820	08/24/15 18:36	RAM	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 00:36	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	397831	08/24/15 20:56	RAM	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	397860	08/25/15 03:02	BJB	TAL SAV
	Instrument ID:	LEEMAN2								
Total/NA	Analysis	2320B-2011		1			397834	08/24/15 22:36	DAM	TAL SAV
	Instrument ID:	MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			397836	08/24/15 22:36	DAM	TAL SAV
	Instrument ID:	MANTECH								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW01_082315	GKM01	Total Recoverable Metals & Mercury, hardness	Surface Water	8/23/2015	09:15	1	250 mL poly	HNO3 pH<2	N
	GKMSW01_082315	GKM01	Total Dissolved Metals & Mercury	Surface Water	8/23/2015	09:15	1	500 mL poly	HNO3 pH<2	N
	GKMSW01_082315	GKM01	pH, Alkalinity, anions	Surface Water	8/23/2015	09:15	1	250 mL poly	4 C	N
	GKMSW02_082215	GKM02	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	17:35	1	250 mL poly	HNO3 pH<2	N
	GKMSW02_082215	GKM02	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	17:35	1	250 mL poly	HNO3 pH<2	N
	GKMSW02_082215	GKM02	pH, Alkalinity, anions	Surface Water	8/22/2015	17:35	1	250 mL poly	4 C	N
	GKMSW04_082315	GKM04	Total Recoverable Metals & Mercury, hardness	Surface Water	8/23/2015	10:05	1	250 mL poly	HNO3 pH<2	N
	GKMSW04_082315	GKM04	Total Dissolved Metals & Mercury	Surface Water	8/23/2015	10:05	1	250 mL poly	HNO3 pH<2	N
	GKMSW04_082315	GKM04	pH, Alkalinity, anions	Surface Water	8/23/2015	10:05	1	250 mL poly	4 C	N
	GKMSW04_082315D	GKM04	Total Recoverable Metals & Mercury, hardness	Surface Water	8/23/2015	10:05	1	250 mL poly	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Molly Pa 8/23/15	1600	Lyn 1A	8/24/15	2.5/2.9 3.6/4.0 2.8/3.2

Loc: 680

115965

680-115965 Chain of Custody

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW04_082315D	GKM04	Total Dissolved Metals & Mercury	Surface Water	8/23/2015	10:05	1	250 mL poly	HNO3 pH<2	N
	GKMSW04_082315D	GKM04	pH, Alkalinity, anions	Surface Water	8/23/2015	10:05	1	250 mL poly	4 C	N
	GKMSW05_082315	GKM05	Total Recoverable Metals & Mercury, hardness	Surface Water	8/23/2015	09:30	1	250 mL poly	HNO3 pH<2	N
	GKMSW05_082315	GKM05	Total Dissolved Metals & Mercury	Surface Water	8/23/2015	09:30	1	250 mL poly	HNO3 pH<2	N
	GKMSW05_082315	GKM05	pH, Alkalinity, anions	Surface Water	8/23/2015	09:30	1	250 mL poly	4 C	N
	GKMTW117_082215	GKMTW117	Total Recoverable Metals & Mercury, hardness	Potable Water	8/22/2015	16:10	1	250 mL poly	HNO3 pH<2	N
	GKMTW137_082215	GKMTW137	Total Recoverable Metals & Mercury, hardness	Potable Water	8/22/2015	15:00	1	500 mL poly	HNO3 pH<2	N
	GKMTW148_082215	GKMTW148	Total Recoverable Metals & Mercury, hardness	Potable Water	8/22/2015	12:20	1	500 mL poly	HNO3 pH<2	N
	GKMTW390_082215	GKMTW390	Total Recoverable Metals & Mercury, hardness	Potable Water	8/22/2015	13:00	1	250 mL poly	HNO3 pH<2	N
	GKMTW395_082215	GKMTW395	Total Recoverable Metals & Mercury, hardness	Potable Water	8/22/2015	14:00	1	250 mL poly	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible]	8/23/15 1600	[illegible]	8/24/15 1550	2.5/2.9 3.6/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	A68_082115	A68	Total Recoverable Metals & Mercury, hardness	Surface Water	8/21/2015	14:10	3	250 mL poly	HNO3 pH<2	Y
	A68_082115	A68	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	14:10	3	500 mL poly	HNO3 pH<2	Y
	A68_082115	A68	pH, Alkalinity, anions	Surface Water	8/21/2015	14:10	3	250 mL poly	4 C	Y
	A68_082215	A68	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	13:45	1	250 mL poly	HNO3 pH<2	Y
	A68_082215	A68	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	13:45	1	250 mL poly	HNO3 pH<2	Y
	A68_082215	A68	pH, Alkalinity, anions	Surface Water	8/22/2015	13:45	1	250 mL poly	4 C	Y
	A72_082115	A72	Total Recoverable Metals & Mercury, hardness	Surface Water	8/21/2015	15:25	1	250 mL poly	HNO3 pH<2	N
	A72_082115	A72	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	15:25	1	500 mL poly	HNO3 pH<2	N
	A72_082115	A72	pH, Alkalinity, anions	Surface Water	8/21/2015	15:25	1	250 mL poly	4 C	N
	A72_082215	A72	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	15:15	1	250 mL poly	HNO3 pH<2	Y

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible]	8/23/15 1600	[illegible] TA	8/24/15 1500	2.5/2.4 5.0/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	A72_082215	A72	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	15:15	1	500 mL poly	HNO3 pH<2	Y
	A72_082215	A72	pH, Alkalinity, anions	Surface Water	8/22/2015	15:15	1	250 mL poly	4 C	Y
	A72SE_082215	A72	Total Recoverable Metals & Mercury	Sediment	8/22/2015	15:20	2	250 mL poly	4 C	N
	CC02D_082215	CC02D	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	11:50	1	250 mL poly	HNO3 pH<2	N
	CC02D_082215	CC02D	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	11:50	1	250 mL poly	HNO3 pH<2	N
	CC02D_082215	CC02D	pH, Alkalinity, anions	Surface Water	8/22/2015	11:50	1	250 mL poly	4 C	N
	CC03_082115	CC03	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	08:25	1	500 mL poly	HNO3 pH<2	N
	CC03_082115	CC03	pH, Alkalinity, anions	Surface Water	8/21/2015	08:25	1	250 mL poly	4 C	N
	CC03B_082215	CC03B	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	13:15	1	250 mL poly	HNO3 pH<2	N
	CC03B_082215	CC03B	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	13:15	1	250 mL poly	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible]	8/23/15	1600	[illegible]	8/24/15 1530	2.5/2.9 3.6/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	CC03B_082215	CC03B	pH, Alkalinity, anions	Surface Water	8/22/2015	13:15	1	250 mL poly	4 C	N
	CC03D_082215	CC03D	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	12:40	1	250 mL poly	HNO3 pH<2	N
	CC03D_082215	CC03D	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	12:40	1	250 mL poly	HNO3 pH<2	N
	CC03D_082215	CC03D	pH, Alkalinity, anions	Surface Water	8/22/2015	12:40	1	250 mL poly	4 C	N
	CC06_082215	CC06	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	09:35	1	250 mL poly	HNO3 pH<2	N
	CC06_082215	CC06	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	09:35	1	500 mL poly	HNO3 pH<2	N
	CC06_082215	CC06	pH, Alkalinity, anions	Surface Water	8/22/2015	09:35	1	250 mL poly	4 C	N
	CC14_082215	CC14	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	10:40	1	250 mL poly	HNO3 pH<2	N
	CC14_082215	CC14	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	10:40	1	250 mL poly	HNO3 pH<2	N
	CC14_082215	CC14	pH, Alkalinity, anions	Surface Water	8/22/2015	10:40	1	250 mL poly	4 C	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible]	8/23/15 1600	[illegible] TA	8/24/15 1500	2.5/2.9 / 3.6/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	CC18_082215	CC18	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	11:35	1	250 mL poly	HNO3 pH<2	N
	CC18_082215	CC18	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	11:35	1	250 mL poly	HNO3 pH<2	N
	CC18_082215	CC18	pH, Alkalinity, anions	Surface Water	8/22/2015	11:35	1	250 mL poly	4 C	N
	CC19_082215	CC19	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	11:10	1	250 mL poly	HNO3 pH<2	N
	CC19_082215	CC19	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	11:10	1	250 mL poly	HNO3 pH<2	N
	CC19_082215	CC19	pH, Alkalinity, anions	Surface Water	8/22/2015	11:10	1	250 mL poly	4 C	N
	CC21_082215	CC21	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	12:05	1	250 mL poly	HNO3 pH<2	N
	CC21_082215	CC21	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	12:05	1	250 mL poly	HNO3 pH<2	N
	CC21_082215	CC21	pH, Alkalinity, anions	Surface Water	8/22/2015	12:05	1	250 mL poly	4 C	N
	CC48_082115	CC48	Total Recoverable Metals & Mercury, hardness	Surface Water	8/21/2015	13:50	1	250 mL poly	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible] 8/23/15	1600	[illegible] TA	8/24/15 1500	2.5/2.9 3.6/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	CC48_082115	CC48	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	13:50	1	500 mL poly	HNO3 pH<2	N
	CC48_082115	CC48	pH, Alkalinity, anions	Surface Water	8/21/2015	13:50	1	250 mL poly	4 C	N
	CC48_082215	CC48	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	13:20	1	250 mL poly	HNO3 pH<2	N
	CC48_082215	CC48	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	13:20	1	250 mL poly	HNO3 pH<2	N
	CC48_082215	CC48	pH, Alkalinity, anions	Surface Water	8/22/2015	13:20	1	250 mL poly	4 C	N
	CC48_082215D	CC48	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	13:20	1	250 mL poly	HNO3 pH<2	Y
	CC48_082215D	CC48	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	13:20	1	500 mL poly	HNO3 pH<2	Y
	CC48_082215D	CC48	pH, Alkalinity, anions	Surface Water	8/22/2015	13:20	1	250 mL poly	4 C	Y
	CC48SE_082215	CC48	Total Recoverable Metals & Mercury	Sediment	8/22/2015	14:50	1	500 mL poly	4 C	N
	GKMSE29_082015	GKMSE29	Total Recoverable Metals & Mercury	Sediment	8/20/2015	14:02	1	4 oz glass jar	4 C	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible]	8/23/15 1600	[illegible]	8/24/15 1580	2.5/2.9 3.0/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSE30_082115	GKMSE30	Total Recoverable Metals & Mercury	Sediment	8/21/2015	15:10	1	4 oz glass jar	4 C	N
	GKMSW01_082215	GKM01	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	09:25	1	250 mL poly	HNO3 pH<2	N
	GKMSW01_082215	GKM01	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	09:25	1	500 mL poly	HNO3 pH<2	N
	GKMSW01_082215	GKM01	pH, Alkalinity, anions	Surface Water	8/22/2015	09:25	1	250 mL poly	4 C	N
	GKMSW02_082115	GKM02	Total Recoverable Metals & Mercury, hardness	Surface Water	8/21/2015	16:50	1	250 mL poly	HNO3 pH<2	N
	GKMSW02_082115	GKM02	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	16:50	1	500 mL poly	HNO3 pH<2	N
	GKMSW02_082115	GKM02	pH, Alkalinity, anions	Surface Water	8/21/2015	16:50	1	250 mL poly	4 C	N
	GKMSW04_082215	GKM04	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	11:00	1	250 mL poly	HNO3 pH<2	N
	GKMSW04_082215	GKM04	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	11:00	1	500 mL poly	HNO3 pH<2	N
	GKMSW04_082215	GKM04	pH, Alkalinity, anions	Surface Water	8/22/2015	11:00	1	250 mL poly	4 C	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible]	8/23/15 1600	Lyn W TA	8/24/15 1530	2.5/2.4 2.6/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW05_082215	GKM05	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	10:15	1	250 mL poly	HNO3 pH<2	N
	GKMSW05_082215	GKM05	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	10:15	1	500 mL poly	HNO3 pH<2	N
	GKMSW05_082215	GKM05	pH, Alkalinity, anions	Surface Water	8/22/2015	10:15	1	250 mL poly	4 C	N
	GKMTW230_082115	GKMTW230	Total Recoverable Metals & Mercury, hardness	Potable Water	8/21/2015	17:20	1	500 mL poly	HNO3 pH<2	N
	GKMTW358_082115	GKMTW358	Total Recoverable Metals & Mercury, hardness	Potable Water	8/21/2015	12:10	1	500 mL poly	HNO3 pH<2	N
	GKMTW361_082115	GKMTW361	Total Recoverable Metals & Mercury, hardness	Potable Water	8/21/2015	12:45	1	500 mL poly	HNO3 pH<2	N
	GKMTW378_082115A	GKMTW378	Total Recoverable Metals & Mercury, hardness	Potable Water	8/21/2015	17:45	1	500 mL poly	HNO3 pH<2	N
	GKMTW378_082115B	GKMTW378	Total Recoverable Metals & Mercury, hardness	Potable Water	8/21/2015	17:53	1	500 mL poly	HNO3 pH<2	N
	RBEffluent_082115	RBEffluent	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	12:50	1	500 mL poly	HNO3 pH<2	N
	RBEffluent_082115	RBEffluent	pH, Alkalinity, anions	Surface Water	8/21/2015	12:50	1	250 mL poly	4 C	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible] 8/23/15	1600	[illegible] TA	8/24/15 1530	2.5/2.9 3.6/4.0 2.8/3.2

USEPA

DateShipped: 8/22/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 3037296112

No: 8-082215-145812-0016

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	RBEffluent_082215	RBEffluent	Total Recoverable Metals & Mercury, hardness	Surface Water	8/22/2015	13:40	1	250 mL poly	HNO3 pH<2	N
	RBEffluent_082215	RBEffluent	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	13:40	1	250 mL poly	HNO3 pH<2	N
	RBEffluent_082215	RBEffluent	pH, Alkalinity, anions	Surface Water	8/22/2015	13:40	1	250 mL poly	4 C	N
	TP04_082115	TP04	Total Dissolved Metals & Mercury	Surface Water	8/21/2015	09:45	1	500 mL poly	HNO3 pH<2	N
	TP04_082115	TP04	pH, Alkalinity, anions	Surface Water	8/21/2015	09:45	1	250 mL poly	4 C	N
	TP04_082215	TP04	Total Dissolved Metals & Mercury	Surface Water	8/22/2015	13:40	1	250 mL poly	HNO3 pH<2	N
	TP04_082215	TP04	pH, Alkalinity, anions	Surface Water	8/22/2015	13:40	1	250 mL poly	4 C	N
	TP04_082215	TP04	Total Metals, Mercury, and hardness by calculation	Surface Water	8/22/2015	13:40	1	250 mL poly	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, dissolved bottles field filtered prior to preservation

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[illegible] 8/23/15	16:00	[illegible] TA	8/24/15 1530	2.5/2.9 3.6/4.0 2.8/3.2

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-115965-2

Login Number: 115965
List Number: 1
Creator: Daughtry, Beth A

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	False	Samples -1,-1MS, -1MSD,-3,-7,-15,-23,-40,-42 (OFH - Nitrate)
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	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115965-2

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15