UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

December 4, 2013

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

N. GANNON
FOR R.F.

TO: Brian Mueller, Superfund Project Manager (6SF-RL)

Site: **FALCON REFINERY**

Case#: **43795**

SDG#: **MF2B20**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

9598096

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: December 2, 2013

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-06-030
TO No.:	030
Task/Sub-Task:	2-12
ESAT Doc. No.:	B030-212-0188
TDF No.:	6-12-029C
ESAT File No.:	I-0652

Attached is the data review summary for Case # 43795
SDG # MF2B20
Site Falcon Refinery

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	43795	SITE	Falcon Refinery
LABORATORY	MITKEM	NO. OF SAMPLES	20
CONTRACT#	EP-W-09-039	MATRIX	Water
SDG#	MF2B20	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM01.3	REVIEWER'S NAME	Sonya Meekins
SF#	303DD2MC	COMPLETION DATE	December 2, 2013

SAMPLE NO.					
	MF2B20	MF2B32	MF2B44	MF2B56	MF2B88
	MF2B23	MF2B35	MF2B47	MF2B59	MF2B90
	MF2B26	MF2B38	MF2B50	MF2B62	MF2B92
	MF2B29	MF2B41	MF2B53	MF2B83	MF2B94

DATA ASSESSMENT SUMMARY

	ICP	HG
1. HOLDING TIMES	O	O
2. CALIBRATIONS	O	O
3. BLANKS	O	O
4. MATRIX SPIKES	M	M
5. DUPLICATE ANALYSIS	O	O
6. ICP QC	M	
7. LCS	O	
8. SAMPLE VERIFICATION	O	O
9. OTHER QC	N/A	N/A
10. OVERALL ASSESSMENT	M	M

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: The matrix spike recoveries were below the QC limit for antimony, barium, and mercury. The calcium and potassium serial dilution differences were above the QC limit.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 43795 **SDG** MF2B20 **SITE** Falcon Refinery **LAB** MITKEM

COMMENTS: This SDG consisted of 20 water samples for dissolved metals (by ICP-MS and ICP-AES) and mercury analyses following SOW ISM01.3. The sampler designated samples MF2B38 and MF2B62 for laboratory QC analyses. After contacting SMO, the laboratory chose MF2B62 as the QC sample.

The laboratory stated that because of very high concentrations of calcium and sodium all ICP-AES analyses were performed at up to 5X dilutions and all ICP-MS analyses were performed at 25X or 100X dilutions. All samples were further diluted 10X to 50X to bring the sodium concentrations within the calibration range for ICP-AES analyses.

S3VEM Review was performed for this package as requested by the Region. For this review option, laboratory contractual compliance and technical usability of the sample results are primarily determined by the EDM CCS Defect Report and NFG Data Review Results Report, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the EDM reports. The NFG Data Review Results Report for the SDG is attached to this report as an addendum for additional information.

OVERALL ASSESSMENT: Some results were qualified for all samples because of problems with matrix spike recoveries and serial dilution differences. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	14:17:45	7429905	Aluminum	533	LJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440360	Antimony	200	UJ	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440382	Arsenic	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440393	Barium	1000	UJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440417	Beryllium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440439	Cadmium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	14:17:45	7440702	Calcium	501000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440473	Chromium	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440484	Cobalt	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440508	Copper	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	14:17:45	7439896	Iron	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7439921	Lead	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	14:17:45	7439954	Magnesium	1430000		ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	14:17:45	7439965	Manganese	75.0	U	ug/L	75.0	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	10:33:20	7439976	Mercury	0.20	UJ	ug/L	0.20	09/09/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440020	Nickel	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	14:17:45	7440097	Potassium	643000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7782492	Selenium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440224	Silver	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/24/2013	10:30:56	7440235	Sodium	11200000		ug/L	250000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440280	Thallium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440622	Vanadium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B20	M1711-01A	W	Field_Sample	09/30/2013	15:31:32	7440666	Zinc	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-01
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	14:21:38	7429905	Aluminum	536	LJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440360	Antimony	200	UJ	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440382	Arsenic	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440393	Barium	1000	UJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440417	Beryllium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440439	Cadmium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	14:21:38	7440702	Calcium	509000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440473	Chromium	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440484	Cobalt	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440508	Copper	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	14:21:38	7439896	Iron	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7439921	Lead	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	14:21:38	7439954	Magnesium	1450000		ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	14:21:38	7439965	Manganese	75.0	U	ug/L	75.0	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	10:34:48	7439976	Mercury	0.20	UJ	ug/L	0.20	09/09/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440020	Nickel	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	14:21:38	7440097	Potassium	663000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7782492	Selenium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440224	Silver	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/24/2013	10:34:41	7440235	Sodium	11200000		ug/L	250000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440280	Thallium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440622	Vanadium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B23	M1711-02A	W	Field_Sample	09/30/2013	15:36:18	7440666	Zinc	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	14:25:30	7429905	Aluminum	580	LJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440360	Antimony	200	UJ	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440382	Arsenic	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440393	Barium	1000	UJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440417	Beryllium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440439	Cadmium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	14:25:30	7440702	Calcium	514000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440473	Chromium	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440484	Cobalt	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440508	Copper	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	14:25:30	7439896	Iron	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7439921	Lead	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	14:25:30	7439954	Magnesium	1450000		ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	14:25:30	7439965	Manganese	75.0	U	ug/L	75.0	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	10:36:17	7439976	Mercury	0.20	UJ	ug/L	0.20	09/09/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440020	Nickel	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	14:25:30	7440097	Potassium	665000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7782492	Selenium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440224	Silver	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/24/2013	10:38:26	7440235	Sodium	11800000		ug/L	250000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440280	Thallium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440622	Vanadium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup
43795	MF2B20	MF2B26	M1711-03A	W	Field_Sample	09/30/2013	15:41:04	7440666	Zinc	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-02 Dup

43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	14:29:21	7429905	Aluminum	1000	U	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440360	Antimony	200	UJ	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440382	Arsenic	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440393	Barium	1000	UJ	ug/L	1000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440417	Beryllium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440439	Cadmium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	14:29:21	7440702	Calcium	470000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440473	Chromium	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440484	Cobalt	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440508	Copper	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	14:29:21	7439896	Iron	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7439921	Lead	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	14:29:21	7439954	Magnesium	1370000		ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	14:29:21	7439965	Manganese	75.0	U	ug/L	75.0	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	10:37:46	7439976	Mercury	0.20	UJ	ug/L	0.20	09/09/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440020	Nickel	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	14:29:21	7440097	Potassium	610000	J	ug/L	25000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7782492	Selenium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440224	Silver	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/24/2013	10:42:12	7440235	Sodium	10900000		ug/L	250000	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440280	Thallium	100	U	ug/L	100	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440622	Vanadium	500	U	ug/L	500	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B29	M1711-04A	W	Field_Sample	09/30/2013	15:45:55	7440666	Zinc	200	U	ug/L	200	09/09/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-03
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	14:33:10	7429905	Aluminum	1000	U	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440360	Antimony	200	UJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440382	Arsenic	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440393	Barium	1000	UJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440417	Beryllium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440439	Cadmium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	14:33:10	7440702	Calcium	495000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440473	Chromium	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440484	Cobalt	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440508	Copper	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	14:33:10	7439896	Iron	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7439921	Lead	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	14:33:10	7439954	Magnesium	1380000		ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	14:33:10	7439965	Manganese	75.0	U	ug/L	75.0	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	10:39:14	7439976	Mercury	0.20	UJ	ug/L	0.20	09/10/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440020	Nickel	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	14:33:10	7440097	Potassium	637000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7782492	Selenium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440224	Silver	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/24/2013	10:45:57	7440235	Sodium	11200000		ug/L	250000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440280	Thallium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440622	Vanadium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B32	M1711-05A	W	Field_Sample	09/30/2013	15:50:41	7440666	Zinc	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-04
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	15:03:23	7429905	Aluminum	521	LJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440360	Antimony	200	UJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440382	Arsenic	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440393	Barium	1000	UJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440417	Beryllium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440439	Cadmium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	15:03:23	7440702	Calcium	509000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440473	Chromium	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440484	Cobalt	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440508	Copper	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	15:03:23	7439896	Iron	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7439921	Lead	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	15:03:23	7439954	Magnesium	1360000		ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	15:03:23	7439965	Manganese	75.0	U	ug/L	75.0	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	10:49:40	7439976	Mercury	0.20	UJ	ug/L	0.20	09/10/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440020	Nickel	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	15:03:23	7440097	Potassium	638000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7782492	Selenium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440224	Silver	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/24/2013	11:15:52	7440235	Sodium	10900000		ug/L	250000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440280	Thallium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440622	Vanadium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B35	M1711-08A	W	Field_Sample	09/30/2013	16:33:42	7440666	Zinc	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-05
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	15:07:12	7429905	Aluminum	1000	U	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06

43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440360	Antimony	200	UJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440382	Arsenic	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440393	Barium	1000	UJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440417	Beryllium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440439	Cadmium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	15:07:12	7440702	Calcium	510000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440473	Chromium	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440484	Cobalt	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440508	Copper	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	15:07:12	7439896	Iron	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7439921	Lead	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	15:07:12	7439954	Magnesium	1360000		ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	15:07:12	7439965	Manganese	75.0	U	ug/L	75.0	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	10:51:11	7439976	Mercury	0.20	UJ	ug/L	0.20	09/10/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440020	Nickel	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	15:07:12	7440097	Potassium	652000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7782492	Selenium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440224	Silver	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/24/2013	11:19:38	7440235	Sodium	11800000		ug/L	250000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440280	Thallium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440622	Vanadium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B38	M1711-09A	W	Field_Sample	09/30/2013	16:38:30	7440666	Zinc	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-06
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	15:49:16	7429905	Aluminum	557	LJ	ug/L	1000	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440360	Antimony	200	UJ	ug/L	200	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440382	Arsenic	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440393	Barium	1000	UJ	ug/L	1000	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440417	Beryllium	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440439	Cadmium	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	15:49:16	7440702	Calcium	507000	J	ug/L	25000	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440473	Chromium	200	U	ug/L	200	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440484	Cobalt	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440508	Copper	200	U	ug/L	200	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	15:49:16	7439896	Iron	500	U	ug/L	500	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7439921	Lead	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	15:49:16	7439954	Magnesium	1350000		ug/L	25000	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	15:49:16	7439965	Manganese	75.0	U	ug/L	75.0	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	11:10:34	7439976	Mercury	0.20	UJ	ug/L	0.20	09/11/2013	09/23/2013	09/14/2013	Low	0.0	100	100	CV	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440020	Nickel	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	15:49:16	7440097	Potassium	628000	J	ug/L	25000	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7782492	Selenium	500	U	ug/L	500	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440224	Silver	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/24/2013	12:01:41	7440235	Sodium	12300000		ug/L	250000	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440280	Thallium	100	U	ug/L	100	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440622	Vanadium	500	U	ug/L	500	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B41	M1711-20A	W	Field_Sample	09/30/2013	17:31:01	7440666	Zinc	200	U	ug/L	200	09/11/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SWB-IC-07
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	15:11:03	7429905	Aluminum	1000	U	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440360	Antimony	200	UJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440382	Arsenic	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440393	Barium	1000	UJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440417	Beryllium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440439	Cadmium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	15:11:03	7440702	Calcium	494000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440473	Chromium	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440484	Cobalt	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440508	Copper	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	15:11:03	7439896	Iron	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7439921	Lead	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	15:11:03	7439954	Magnesium	1350000		ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	15:11:03	7439965	Manganese	75.0	U	ug/L	75.0	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	10:52:40	7439976	Mercury	0.20	UJ	ug/L	0.20	09/10/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440020	Nickel	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	15:11:03	7440097	Potassium	628000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7782492	Selenium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440224	Silver	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/24/2013	11:23:24	7440235	Sodium	11200000		ug/L	250000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440280	Thallium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440622	Vanadium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B44	M1711-10A	W	Field_Sample	09/30/2013	16:43:16	7440666	Zinc	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-08
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	14:36:59	7429905	Aluminum	522	LJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440360	Antimony	200	UJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09

43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440382	Arsenic	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440393	Barium	1000	UJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440417	Beryllium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440439	Cadmium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	14:36:59	7440702	Calcium	492000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440473	Chromium	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440484	Cobalt	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440508	Copper	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	14:36:59	7439896	Iron	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7439921	Lead	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	14:36:59	7439954	Magnesium	1360000		ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	14:36:59	7439965	Manganese	75.0	U	ug/L	75.0	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	10:40:43	7439976	Mercury	0.20	UJ	ug/L	0.20	09/10/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440020	Nickel	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	14:36:59	7440097	Potassium	627000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7782492	Selenium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440224	Silver	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/24/2013	10:49:43	7440235	Sodium	11200000		ug/L	250000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440280	Thallium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440622	Vanadium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B47	M1711-06A	W	Field_Sample	09/30/2013	15:55:27	7440666	Zinc	138	LJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-09
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	15:14:52	7429905	Aluminum	1000	U	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440360	Antimony	200	UJ	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440382	Arsenic	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440393	Barium	1000	UJ	ug/L	1000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440417	Beryllium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440439	Cadmium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	15:14:52	7440702	Calcium	521000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440473	Chromium	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440484	Cobalt	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440508	Copper	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	15:14:52	7439896	Iron	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7439921	Lead	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	15:14:52	7439954	Magnesium	1410000		ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	15:14:52	7439965	Manganese	75.0	U	ug/L	75.0	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	10:54:09	7439976	Mercury	0.20	UJ	ug/L	0.20	09/10/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440020	Nickel	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	15:14:52	7440097	Potassium	649000	J	ug/L	25000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7782492	Selenium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440224	Silver	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/24/2013	11:27:10	7440235	Sodium	11800000		ug/L	250000	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440280	Thallium	100	U	ug/L	100	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440622	Vanadium	500	U	ug/L	500	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B50	M1711-11A	W	Field_Sample	09/30/2013	16:48:02	7440666	Zinc	200	U	ug/L	200	09/10/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SWB-IC-10
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	15:18:45	7429905	Aluminum	516	LJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440360	Antimony	200	UJ	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440382	Arsenic	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440393	Barium	1000	UJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440417	Beryllium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440439	Cadmium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	15:18:45	7440702	Calcium	511000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440473	Chromium	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440484	Cobalt	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440508	Copper	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	15:18:45	7439896	Iron	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7439921	Lead	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	15:18:45	7439954	Magnesium	1360000		ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	15:18:45	7439965	Manganese	75.0	U	ug/L	75.0	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	10:55:38	7439976	Mercury	0.20	UJ	ug/L	0.20	09/11/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440020	Nickel	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	15:18:45	7440097	Potassium	642000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7782492	Selenium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440224	Silver	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/24/2013	11:30:56	7440235	Sodium	11800000		ug/L	250000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440280	Thallium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440622	Vanadium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B53	M1711-12A	W	Field_Sample	09/30/2013	16:52:48	7440666	Zinc	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	15:22:34	7429905	Aluminum	510	LJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440360	Antimony	200	UJ	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440382	Arsenic	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup

43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440393	Barium	1000	UJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440417	Beryllium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440439	Cadmium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	15:22:34	7440702	Calcium	528000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440473	Chromium	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440484	Cobalt	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440508	Copper	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	15:22:34	7439896	Iron	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7439921	Lead	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	15:22:34	7439954	Magnesium	1380000		ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	15:22:34	7439965	Manganese	75.0	U	ug/L	75.0	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	10:57:06	7439976	Mercury	0.20	UJ	ug/L	0.20	09/11/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440020	Nickel	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	15:22:34	7440097	Potassium	661000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7782492	Selenium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440224	Silver	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/24/2013	11:34:42	7440235	Sodium	11500000		ug/L	250000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440280	Thallium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440622	Vanadium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B56	M1711-13A	W	Field_Sample	09/30/2013	16:57:35	7440666	Zinc	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-01 Dup
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	15:26:25	7429905	Aluminum	1000	U	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440360	Antimony	200	UJ	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440382	Arsenic	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440393	Barium	1000	UJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440417	Beryllium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440439	Cadmium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	15:26:25	7440702	Calcium	502000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440473	Chromium	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440484	Cobalt	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440508	Copper	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	15:26:25	7439896	Iron	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7439921	Lead	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	15:26:25	7439954	Magnesium	1310000		ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	15:26:25	7439965	Manganese	75.0	U	ug/L	75.0	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	10:58:38	7439976	Mercury	0.20	UJ	ug/L	0.20	09/11/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440020	Nickel	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	15:26:25	7440097	Potassium	626000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7782492	Selenium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440224	Silver	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/24/2013	11:38:28	7440235	Sodium	11700000		ug/L	250000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440280	Thallium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440622	Vanadium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B59	M1711-14A	W	Field_Sample	09/30/2013	17:02:21	7440666	Zinc	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-02
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	14:40:48	7429905	Aluminum	511	LJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440360	Antimony	200	UJ	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440382	Arsenic	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440393	Barium	1000	UJ	ug/L	1000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440417	Beryllium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440439	Cadmium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	14:40:48	7440702	Calcium	496000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440473	Chromium	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440484	Cobalt	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440508	Copper	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	14:40:48	7439896	Iron	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7439921	Lead	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	14:40:48	7439954	Magnesium	1370000		ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	14:40:48	7439965	Manganese	75.0	U	ug/L	75.0	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	10:42:12	7439976	Mercury	0.20	UJ	ug/L	0.20	09/11/2013	09/23/2013	09/13/2013	Low	0.0	100	100	CV	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440020	Nickel	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	14:40:48	7440097	Potassium	621000	J	ug/L	25000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7782492	Selenium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440224	Silver	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/24/2013	10:53:29	7440235	Sodium	11400000		ug/L	250000	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	P	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440280	Thallium	100	U	ug/L	100	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440622	Vanadium	500	U	ug/L	500	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B62	M1711-07A	W	Field_Sample	09/30/2013	16:00:12	7440666	Zinc	200	U	ug/L	200	09/11/2013	09/20/2013	09/13/2013	Low	0.0	50	50	MS	SW5-03
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	15:30:15	7429905	Aluminum	544	LJ	ug/L	1000	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440360	Antimony	200	UJ	ug/L	200	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440382	Arsenic	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440393	Barium	1000	UJ	ug/L	1000	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09

43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440417	Beryllium	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440439	Cadmium	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	15:30:15	7440702	Calcium	505000	J	ug/L	25000	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440473	Chromium	200	U	ug/L	200	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440484	Cobalt	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440508	Copper	200	U	ug/L	200	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	15:30:15	7439896	Iron	500	U	ug/L	500	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7439921	Lead	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	15:30:15	7439954	Magnesium	1330000		ug/L	25000	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	15:30:15	7439965	Manganese	75.0	U	ug/L	75.0	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	11:00:07	7439976	Mercury	0.20	UJ	ug/L	0.20	09/12/2013	09/23/2013	09/14/2013	Low	0.0	100	100	CV	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440020	Nickel	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	15:30:15	7440097	Potassium	651000	J	ug/L	25000	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7782492	Selenium	500	U	ug/L	500	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440224	Silver	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/24/2013	11:42:14	7440235	Sodium	11700000		ug/L	250000	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440280	Thallium	100	U	ug/L	100	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440622	Vanadium	500	U	ug/L	500	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B83	M1711-15A	W	Field_Sample	09/30/2013	17:07:06	7440666	Zinc	200	U	ug/L	200	09/12/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW5-09
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	15:34:05	7429905	Aluminum	1000	U	ug/L	1000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440360	Antimony	50.0	UJ	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440382	Arsenic	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440393	Barium	250	UJ	ug/L	250	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440417	Beryllium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440439	Cadmium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	15:34:05	7440702	Calcium	344000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440473	Chromium	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440484	Cobalt	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440508	Copper	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	15:34:05	7439896	Iron	500	U	ug/L	500	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7439921	Lead	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	15:34:05	7439954	Magnesium	395000		ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	15:34:05	7439965	Manganese	75.0	U	ug/L	75.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	11:01:36	7439976	Mercury	0.20	UJ	ug/L	0.20	09/13/2013	09/23/2013	09/14/2013	Low	0.0	100	100	CV	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440020	Nickel	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	15:34:05	7440097	Potassium	177000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7782492	Selenium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440224	Silver	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/24/2013	12:05:30	7440235	Sodium	3530000		ug/L	100000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440280	Thallium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440622	Vanadium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B88	M1711-16A	W	Field_Sample	09/30/2013	17:11:53	7440666	Zinc	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	15:37:53	7429905	Aluminum	1000	U	ug/L	1000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440360	Antimony	50.0	UJ	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440382	Arsenic	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440393	Barium	250	UJ	ug/L	250	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440417	Beryllium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440439	Cadmium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	15:37:53	7440702	Calcium	337000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440473	Chromium	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440484	Cobalt	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440508	Copper	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	15:37:53	7439896	Iron	500	U	ug/L	500	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7439921	Lead	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	15:37:53	7439954	Magnesium	386000		ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	15:37:53	7439965	Manganese	75.0	U	ug/L	75.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	11:03:04	7439976	Mercury	0.20	UJ	ug/L	0.20	09/13/2013	09/23/2013	09/14/2013	Low	0.0	100	100	CV	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440020	Nickel	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	15:37:53	7440097	Potassium	172000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7782492	Selenium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440224	Silver	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/24/2013	12:09:16	7440235	Sodium	3400000		ug/L	100000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440280	Thallium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440622	Vanadium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B90	M1711-17A	W	Field_Sample	09/30/2013	17:16:39	7440666	Zinc	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-01 Dup
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	15:41:41	7429905	Aluminum	1000	U	ug/L	1000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440360	Antimony	50.0	UJ	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440382	Arsenic	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440393	Barium	250	UJ	ug/L	250	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440417	Beryllium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02

43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440439	Cadmium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	15:41:41	7440702	Calcium	206000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440473	Chromium	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440484	Cobalt	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440508	Copper	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	15:41:41	7439896	Iron	500	U	ug/L	500	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7439921	Lead	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	15:41:41	7439954	Magnesium	239000		ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	15:41:41	7439965	Manganese	75.0	U	ug/L	75.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	11:07:35	7439976	Mercury	0.20	UJ	ug/L	0.20	09/13/2013	09/23/2013	09/14/2013	Low	0.0	100	100	CV	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440020	Nickel	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	15:41:41	7440097	Potassium	106000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7782492	Selenium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440224	Silver	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/24/2013	12:13:02	7440235	Sodium	2180000		ug/L	50000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440280	Thallium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440622	Vanadium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B92	M1711-18A	W	Field_Sample	09/30/2013	17:21:26	7440666	Zinc	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-02
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	15:45:29	7429905	Aluminum	1000	U	ug/L	1000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440360	Antimony	50.0	UJ	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440382	Arsenic	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440393	Barium	250	UJ	ug/L	250	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440417	Beryllium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440439	Cadmium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	15:45:29	7440702	Calcium	212000	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440473	Chromium	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440484	Cobalt	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440508	Copper	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	15:45:29	7439896	Iron	500	U	ug/L	500	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7439921	Lead	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	15:45:29	7439954	Magnesium	208000		ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	15:45:29	7439965	Manganese	75.0	U	ug/L	75.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	11:09:06	7439976	Mercury	0.20	UJ	ug/L	0.20	09/13/2013	09/23/2013	09/14/2013	Low	0.0	100	100	CV	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440020	Nickel	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	15:45:29	7440097	Potassium	94500	J	ug/L	25000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7782492	Selenium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440224	Silver	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/24/2013	12:16:48	7440235	Sodium	1820000		ug/L	50000	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	P	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440280	Thallium	25.0	U	ug/L	25.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440622	Vanadium	125	U	ug/L	125	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03
43795	MF2B20	MF2B94	M1711-19A	W	Field_Sample	09/30/2013	17:26:13	7440666	Zinc	50.0	U	ug/L	50.0	09/13/2013	09/20/2013	09/14/2013	Low	0.0	50	50	MS	SW3-03

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 43795 SDG No. MF2B20 SDG Nos. To Follow Mod. Ref. No. Date Rec 10/22/13

EPA Lab ID: MITKEM

Lab location: N. Kingstown, RI

Region: 6 Audit No.: 43795/MF2B20

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

Item Description

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?	X		
15. Present?	X		
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?	X		
18a. If "NO", does the copy indicate where original documents are located?			X

Audited [signature] Sonya Meekins/ESAT Data Reviewer Date 11/29/13

Audited ____ ____ Date ____

Signature Printed Name/Title

DC-2_

USEPA CLP Inorganics COC (REGION COPY)

DateShipped: 9/12/2013

CarrierName: FedEx

AirbillNo: 7966 3716 6922

CHAIN OF CUSTODY RECORD

Falcon Refinery Superfund Site/TX

Case #: 43795

No: 6-091213-084244-0043

Lab: Spectrum Analytical, Inc. DBA: MITKEM Laboratories

Lab Contact: Dawne Smart

Lab Phone: 401-732-3400

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF2B20	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451588 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-01	09/09/2013 12:15		Field Sample
MF2B23	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451597 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-02	09/09/2013 13:50		Field Sample
MF2B26	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451606 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-02 Dup	09/09/2013 13:50		Field Duplicate
MF2B29	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451615 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-03	09/09/2013 15:55		Field Sample
MF2B32	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451624 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-04	09/10/2013 09:25		Field Sample
MF2B47	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451671 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-09	09/10/2013 15:10		Field Sample
MF2B62	Surface Water/ Alex Spiller	Grab	DM+HG(21), DM+HG(21)	6-451728 (HNO3 pH<2 Ice to 4C), 6-451730 (HNO3 pH<2 Ice to 4C) (2)	SW5-03	09/11/2013 13:40		Field Sample

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Sample(s) to be used for Lab QC: MF2B62 - Special Instructions: ICP-AES for: Aluminum, Calcium, Iron, Magnesium, Manganese, Potasium, Sodium.

ICP-MS for: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickle, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: DM+HG=DM+Hg by ISM01.3/ICP-AES+MS

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Alex Spell	9-12-13	[signature]	09-12-13	0800						
	[signature]	09-12-13									

USEPA CLP Inorganics COC (REGION COPY)

DateShipped: 9/12/2013

CarrierName: FedEx

AirbillNo: 7966 3716 6360

CHAIN OF CUSTODY RECORD

Falcon Refinery Superfund Site/TX

Case #: 43795

No: 6-091213-070411-0036

Lab: Spectrum Analytical, Inc. DBA: MITKEM Laboratories

Lab Contact: Dawne Smart

Lab Phone: 401-732-3400

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF2B35	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451633 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-05	09/10/2013 10:30		Field Sample
MF2B38	Surface Water/ Alex Spiller	Grab	DM+HG(21), DM+HG(21)	6-451642 (HNO3 pH<2 Ice to 4C), 6-451644 (HNO3 pH<2 Ice to 4C) (2)	SWB-IC-06	09/10/2013 12:10		Field Sample
MF2B44	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451662 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-08	09/10/2013 16:05		Field Sample
MF2B50	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451680 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-10	09/10/2013 14:10		Field Sample
MF2B53	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451692 (HNO3 pH<2 Ice to 4C) (1)	SW5-01	09/11/2013 09:50		Field Sample
MF2B56	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451704 (HNO3 pH<2 Ice to 4C) (1)	SW5-01 Dup	09/11/2013 09:50		Field Duplicate
MF2B59	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451716 (HNO3 pH<2 Ice to 4C) (1)	SW5-02	09/11/2013 11:45		Field Sample

Sample(s) to be used for Lab QC: MF2B38 - Special Instructions: ICP-AES for: Aluminum, Calcium, Iron, Magnesium, Manganese, Potasium, Sodium.

ICP-MS for: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickle, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: DM+HG=DM+Hg by ISM01.3/ICP-AES+MS

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Alex Spiller	09-12-13	[signature]	09-12-13	0800						
	[signature]	09-12-13									

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USEPA CLP Inorganics COC (REGION COPY)

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CHAIN OF CUSTODY RECORD

Falcon Refinery Superfund Site/TX

Case #: 43795

No: 6-091313-092021-0065

Lab: Spectrum Analytical, Inc. DBA: MITKEM Laboratories

Lab Contact: Dawne Smart

Lab Phone: 401-732-3400

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF2B41	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451653 (HNO3 pH<2 Ice to 4C) (1)	SWB-IC-07	09/11/2013 15:20		Field Sample
MF2B65	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451742 (HNO3 pH<2 Ice to 4C) (1)	SW5-04	09/12/2013 08:45		Field Sample
MF2B68	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451754 (HNO3 pH<2 Ice to 4C) (1)	SW5-05	09/12/2013 09:30		Field Sample
MF2B71	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451766 (HNO3 pH<2 Ice to 4C) (1)	SW5-06	09/12/2013 11:45		Field Sample
MF2B74	Surface Water/ Alex Spiller	Grab	DM+HG(21), DM+HG(21)	6-451778 (HNO3 pH<2 Ice to 4C), 6-451780 (HNO3 pH<2 Ice to 4C) (2)	SW5-07	09/12/2013 13:00		Field Sample
MF2B77	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451792 (HNO3 pH<2 Ice to 4C) (1)	SW5-08	09/12/2013 15:05		Field Sample
MF2B86	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451828 (HNO3 pH<2 Ice to 4C) (1)	SW5-10	09/12/2013 13:55		Field Sample

Sample(s) to be used for Lab QC: MF2B74 - Special Instructions: ICP-AES for: Aluminum, Calcium, Iron, Magnesium, Manganese, Potasium, Sodium.

ICP-MS for: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickle, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: DM+HG=DM+Hg by ISM01.3/ICP-AES+MS

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Alex Spiller	09-13-13	[signature]	09-13-13	0800						
	[signature]	09-13-13									

USEPA CLP Inorganics COC (REGION COPY)

DateShipped: 9/13/2013

CarrierName: FedEx

AirbillNo: 7966 3717 3810

CHAIN OF CUSTODY RECORD

Falcon Refinery Superfund Site/TX

Case #: 43795

No: 6-091313-133608-0079

Lab: Spectrum Analytical, Inc. DBA: MITKEM Laboratories

Lab Contact: Dawne Smart

Lab Phone: 401-732-3400

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	Sample Type
MF2B83	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451816 (HNO3 pH<2 Ice to 4C) (1)	SW5-09	09/12/2013 16:10		Field Sample
MF2B88	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451837 (HNO3 pH<2 Ice to 4C) (1)	SW3-01	09/13/2013 09:30		Field Duplicate
MF2B90	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451846 (HNO3 pH<2 Ice to 4C) (1)	SW3-01 Dup	09/13/2013 09:30		Field Duplicate
MF2B92	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451855 (HNO3 pH<2 Ice to 4C) (1)	SW3-02	09/13/2013 11:00		Field Sample
MF2B94	Surface Water/ Alex Spiller	Grab	DM+HG(21)	6-451864 (HNO3 pH<2 Ice to 4C) (1)	SW3-03	09/13/2013 12:30		Field Sample

Special Instructions: ICP-AES for: Aluminum, Calcium, Iron, Magnesium, Manganese, Potasium, Sodium.
ICP-MS for: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickle, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: DM+HG=DM+Hg by ISM01.3/ICP-AES+MS

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Alex Spiller	9-13-13	[signature]	09-13-13	1300						
	[signature]	09-13-13									

ADDENDUM

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Blanks

Blanks	ICP_AES
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	PBW35
	Calcium PBW35
	Potassium PBW35
Blanks	**ICP_AES**
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.
	PBW35, MF2B20, MF2B23, MF2B26, MF2B92, MF2B94, MF2B29, MF2B35, MF2B41, MF2B47, MF2B50, MF2B53, MF2B56, MF2B62, MF2B62D, MF2B83
	Calcium PBW35
	Potassium PBW35
	Manganese MF2B20 , MF2B23 , MF2B26 , MF2B92 , MF2B94 , MF2B29 , MF2B35 , MF2B41 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B62 , MF2B62D , MF2B83
Blanks	**ICP_AES**
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS35, MF2B20, MF2B23, MF2B26, MF2B88, MF2B90, MF2B92, MF2B94, MF2B29, MF2B32, MF2B35, MF2B38, MF2B41, MF2B44, MF2B47, MF2B50, MF2B53, MF2B56, MF2B59, MF2B62, MF2B62D, MF2B62L, MF2B83
	Calcium LCS35 , MF2B20 , MF2B23 , MF2B26 , MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B62 , MF2B62D , MF2B62L , MF2B83
	Potassium LCS35 , MF2B20 , MF2B23 , MF2B26 , MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B62 , MF2B62D , MF2B62L , MF2B83
Blanks	**ICP_AES**
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS35, MF2B90, MF2B92, MF2B94, MF2B35, MF2B38, MF2B41, MF2B50, MF2B53, MF2B56, MF2B59, MF2B83, MF2B88, MF2B20, MF2B23, MF2B26, MF2B29, MF2B32, MF2B44, MF2B47, MF2B62, MF2B62D, MF2B62L, MF2B62S
	Sodium LCS35 , MF2B90 , MF2B92 , MF2B94 , MF2B35 , MF2B38 , MF2B41 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B83 , MF2B88
	Calcium LCS35 , MF2B20 , MF2B23 , MF2B26 , MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B62 , MF2B62D , MF2B62L , MF2B83
	Potassium LCS35 , MF2B20 , MF2B23 , MF2B26 , MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B62 , MF2B62D , MF2B62L , MF2B83
	Manganese LCS35 , MF2B53 , MF2B56 , MF2B62S
Blanks	**ICP_AES**
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Blanks

Blanks	ICP_AES
	LCS35, MF2B20, MF2B23, MF2B26, MF2B88, MF2B90, MF2B92, MF2B94, MF2B29, MF2B32, MF2B35, MF2B38, MF2B41, MF2B44, MF2B47, MF2B50, MF2B53, MF2B56, MF2B59, MF2B62, MF2B62D, MF2B62L, MF2B83
	Calcium LCS35 , MF2B20 , MF2B23 , MF2B26 , MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B62 , MF2B62D , MF2B62L , MF2B83
	Potassium LCS35 , MF2B20 , MF2B23 , MF2B88 , MF2B90 , MF2B92 , MF2B26 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B94 , MF2B41 , MF2B44 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B59 , MF2B62 , MF2B62D , MF2B62L , MF2B83

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Blanks

Blanks	ICP_MS
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	MF2B20, MF2B26, MF2B35, MF2B47, PBW33, MF2B50, MF2B53, MF2B62, MF2B62S, MF2B23, MF2B29, MF2B88, MF2B90, MF2B92, MF2B94, MF2B59, MF2B62D, MF2B32, MF2B38, MF2B83, MF2B41, MF2B44, MF2B56
	Vanadium MF2B20 , MF2B26 , MF2B35 , MF2B47 , PBW33 , MF2B50 , MF2B53
	Arsenic MF2B20 , MF2B62 , MF2B62S , MF2B23 , MF2B29 , MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B59
	Chromium MF2B35 , MF2B90
	Barium MF2B20 , MF2B62 , MF2B62D , MF2B23 , MF2B26 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B83 , MF2B88 , MF2B90 , MF2B41 , MF2B44 , MF2B92 , MF2B94 , MF2B53 , MF2B56 , MF2B59
	Beryllium MF2B62S
	Antimony MF2B62S
	Thallium MF2B62S
	Cadmium MF2B62S
	Lead MF2B62S
Blanks	**ICP_MS**
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.
	MF2B20, MF2B26, MF2B35, MF2B47, PBW33, MF2B50, MF2B53, MF2B59, MF2B83, MF2B88, MF2B90, MF2B38, MF2B41, MF2B44, MF2B92, MF2B94, MF2B56, MF2B62, MF2B62D, MF2B23, MF2B29, MF2B32, MF2B62S
	Vanadium MF2B20 , MF2B26 , MF2B35 , MF2B47 , PBW33 , MF2B50 , MF2B53
	Selenium MF2B59 , MF2B35 , MF2B83 , MF2B88 , MF2B90 , MF2B38 , MF2B41 , MF2B44 , MF2B50 , MF2B92 , MF2B94 , MF2B53 , MF2B56
	Arsenic MF2B88 , MF2B90 , MF2B92 , MF2B94 , MF2B59
	Chromium MF2B35 , MF2B90
	Barium MF2B20 , MF2B59 , MF2B62 , MF2B62D , MF2B23 , MF2B26 , MF2B29 , MF2B32 , MF2B35 , MF2B38 , MF2B83 , MF2B88 , MF2B90 , MF2B41 , MF2B44 , MF2B92 , MF2B94 , MF2B53 , MF2B56
	Beryllium MF2B62S
	Antimony MF2B62S
	Thallium MF2B62S
	Cadmium MF2B62S
	Copper MF2B59 , MF2B35 , MF2B83 , MF2B88 , MF2B90 , MF2B38 , MF2B41 , MF2B44 , MF2B50 , MF2B92 , MF2B94 , MF2B53 , MF2B56
	Silver MF2B62S

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Blanks

Blanks	ICP_MS
	Lead MF2B62S
Blanks	**ICP_MS**
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS33, MF2B62S, MF2B62A
	Vanadium LCS33 , MF2B62S
	Arsenic LCS33
	Chromium LCS33 , MF2B62S
	Cobalt LCS33 , MF2B62S
	Barium LCS33 , MF2B62A , MF2B62S
	Beryllium LCS33
	Antimony LCS33 , MF2B62A
	Thallium LCS33
	Cadmium LCS33
	Lead LCS33
Blanks	**ICP_MS**
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS33, MF2B20, MF2B26, MF2B62S, MF2B35, MF2B47, MF2B50, MF2B53, MF2B90, MF2B59, MF2B62, MF2B62A, MF2B62D, MF2B23, MF2B29, MF2B32, MF2B83, MF2B88, MF2B38, MF2B41, MF2B44, MF2B92, MF2B94, MF2B56
	Vanadium LCS33 , MF2B20 , MF2B26 , MF2B62S , MF2B35 , MF2B47 , MF2B50 , MF2B53
	Chromium LCS33 , MF2B62S , MF2B35 , MF2B90
	Cobalt LCS33 , MF2B62S
	Barium LCS33 , MF2B20 , MF2B59 , MF2B62 , MF2B62A , MF2B62D , MF2B62S , MF2B23 , MF2B26 , MF2B29 , MF2B32 , MF2B35 , MF2B83 , MF2B88 , MF2B90 , MF2B38 , MF2B41 , MF2B44 , MF2B92 , MF2B94 , MF2B53 , MF2B56
	Beryllium LCS33 , MF2B62S
	Antimony LCS33 , MF2B62A , MF2B62S
	Thallium LCS33 , MF2B62S
	Cadmium LCS33 , MF2B62S
	Silver LCS33 , MF2B62S

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Blanks

Blanks	**ICP_MS**
	Lead LCS33 , MF2B62S
Blanks	**ICP_MS**
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	MF2B20, MF2B26, MF2B35, MF2B47, MF2B50, MF2B53
	Vanadium MF2B20 , MF2B26 , MF2B35 , MF2B47 , MF2B50 , MF2B53
Blanks	**ICP_MS**
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	LCS33, MF2B62S
	Vanadium LCS33 , MF2B62S

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Detection Limit

Detection Limit	ICP_AES
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	PBW35, MF2B20, MF2B23, MF2B26, MF2B35, MF2B41, MF2B47, MF2B53, MF2B56, MF2B62, MF2B62D, MF2B83, MF2B92, MF2B94, MF2B29, MF2B50
	Calcium PBW35
	Aluminum MF2B20 , MF2B23 , MF2B26 , MF2B35 , MF2B41 , MF2B47 , MF2B53 , MF2B56 , MF2B62 , MF2B62D , MF2B83
	Potassium PBW35
	Manganese MF2B20 , MF2B23 , MF2B92 , MF2B94 , MF2B26 , MF2B29 , MF2B35 , MF2B41 , MF2B47 , MF2B50 , MF2B53 , MF2B56 , MF2B62 , MF2B62D , MF2B83

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Detection Limit

Detection Limit	ICP_MS
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF2B20, MF2B26, MF2B35, MF2B47, PBW33, MF2B50, MF2B53, MF2B59, MF2B62, MF2B23, MF2B62S, MF2B29, MF2B88, MF2B90, MF2B92, MF2B94, MF2B62D, MF2B32, MF2B83, MF2B38, MF2B41, MF2B44, MF2B56
	Vanadium MF2B20 , MF2B26 , MF2B35 , MF2B47 , PBW33 , MF2B50 , MF2B53
	Arsenic MF2B59 , MF2B62 , MF2B20 , MF2B23 , MF2B62S , MF2B29 , MF2B88 , MF2B90 , MF2B92 , MF2B94
	Chromium MF2B35 , MF2B90
	Copper MF2B59 , MF2B62 , MF2B62D , MF2B20 , MF2B23 , MF2B26 , MF2B29 , MF2B32 , MF2B35 , MF2B83 , MF2B88 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B90 , MF2B92 , MF2B94 , MF2B50 , MF2B53 , MF2B56
	Lead MF2B62S
	Selenium MF2B59 , MF2B62 , MF2B62D , MF2B20 , MF2B23 , MF2B26 , MF2B62S , MF2B29 , MF2B32 , MF2B35 , MF2B83 , MF2B88 , MF2B38 , MF2B41 , MF2B44 , MF2B47 , MF2B90 , MF2B92 , MF2B94 , MF2B50 , MF2B53 , MF2B56
	Barium MF2B59 , MF2B62 , MF2B62D , MF2B20 , MF2B23 , MF2B26 , MF2B29 , MF2B32 , MF2B35 , MF2B83 , MF2B88 , MF2B38 , MF2B41 , MF2B44 , MF2B90 , MF2B92 , MF2B94 , MF2B53 , MF2B56
	Zinc MF2B47
	Beryllium MF2B62S
	Antimony MF2B62S
	Cadmium MF2B62S
	Thallium MF2B62S
	Silver MF2B62S

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Holding Times/Preservation

Holding Times/Preservation	Hg
NHT01	The following preserved samples are improperly maintained at temperatures outside the range of 4+/-2 C. Detected analytes with results greater than or equal to MDLs are qualified J-. Use professional judgment to qualify the nondetected analytes.
	MF2B41, MF2B83, MF2B88, MF2B90, MF2B92, MF2B94

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Holding Times/Preservation

Holding Times/Preservation	ICP_AES
NHT01	The following preserved samples are improperly maintained at temperatures outside the range of 4+/-2 C. Detected analytes with results greater than or equal to MDLs are qualified J-. Use professional judgment to qualify the nondetected analytes.
	MF2B90, MF2B92, MF2B94, MF2B41, MF2B83, MF2B88

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Holding Times/Preservation

Holding Times/Preservation	ICP_MS
NHT01	The following preserved samples are improperly maintained at temperatures outside the range of 4+/-2 C. Detected analytes with results greater than or equal to MDLs are qualified J-. Use professional judgment to qualify the nondetected analytes.
	MF2B83, MF2B88, MF2B90, MF2B41, MF2B92, MF2B94

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Matrix Spikes

Matrix Spikes	Hg
NG090	The following Matrix Spike samples have percent recoveries in the range of 30-74%. Detected analytes with results greater than or equal to MDLs are qualified J-. Nondetected analytes are qualified UJ.
	MF2B20, MF2B23, MF2B26, MF2B29, MF2B32, MF2B35, MF2B38, MF2B41, MF2B44, MF2B47, MF2B50, MF2B53, MF2B56, MF2B59, MF2B62, MF2B83, MF2B88, MF2B90, MF2B92, MF2B94
	Mercury MF2B62S

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Matrix Spikes

Matrix Spikes	ICP_MS
NG11	The following Matrix Spike samples have percent recoveries in the range of 30-74% and post-digestion spike samples have percent recoveries greater than or equal to 75%. Detected analytes with results greater than or equal to MDLs are qualified J. Nondetected analytes are qualified UJ.
	MF2B20, MF2B23, MF2B26, MF2B29, MF2B32, MF2B35, MF2B38, MF2B41, MF2B44, MF2B47, MF2B50, MF2B53, MF2B56, MF2B59, MF2B62, MF2B83, MF2B88, MF2B90, MF2B92, MF2B94
	Barium MF2B62S
	Antimony MF2B62S

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) **SDG** MF2B20 **Case** 43795 **Contract** EPW09039 **Region** 6 **DDTID** 183661 **SOW** ISM01.3

Data Review Reports

Serial Dilution

Serial Dilution	ICP_AES
NL031	The following ICP-AES Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected anlaytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified UJ.
	MF2B20, MF2B23, MF2B26, MF2B29, MF2B32, MF2B35, MF2B38, MF2B41, MF2B44, MF2B47, MF2B50, MF2B53, MF2B56, MF2B59, MF2B62, MF2B83, MF2B88, MF2B90, MF2B92, MF2B94
	Calcium MF2B62L
	Potassium MF2B62L