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

August 15, 2011

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: for Marvelyn Humphrey, ESAT Regional Project Officer
Environmental Services Branch (6MD-H)

TO: Vincent Malott, Superfund Project Manager (6SF-RA)

Site : **WEST CR 112 GROUND WATER**

Case#: **41486**

SDG#: **MF4N05**

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) 983-2140.

9237182

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: August 12, 2011

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.:	024
Task/Sub-Task:	2-12
ESAT Doc. No.:	A024-212-0063
TDF No.:	6-10-528A
ESAT File No.:	I-0413

Attached is the data review summary for Case # 41486
SDG # MF4N05
Site West CR 112 Ground Water

COMMENTS:

I. LEVEL OF DATA REVIEW

Standard Review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

CCS and the hardcopy review found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed for this data package was 360. Some results were qualified for technical problems. The significant problems are addressed below.

A. Matrix spike recoveries were below the QC limit for antimony, arsenic, beryllium, cadmium, chromium, and selenium.

B. The arsenic, chromium, and selenium serial dilution differences were above the QC limit.

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INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	41486	SITE	West CR 112 Ground Water
LABORATORY	SENTIN	NO. OF SAMPLES	18
CONTRACT#	EP-W-09-040	MATRIX	Water
SDG#	MF4N05	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM01.2	REVIEWER'S NAME	Sonya Meekins
SF#	302DD2CA6R6	COMPLETION DATE	August 12, 2011

SAMPLE NO.					
	MF4N05	MF4N28	MF4N41	MF4N49	MF4N57
	MF4N12	MF4N35	MF4N42	MF4N50	MF4N58
	MF4N13	MF4N36	MF4N45	MF4N51	
	MF4N27	MF4N39	MF4N46	MF4N52	

DATA ASSESSMENT SUMMARY

	ICP
1. HOLDING TIMES	O
2. CALIBRATIONS	O
3. BLANKS	M
4. MATRIX SPIKES	M
5. DUPLICATE ANALYSIS	M
6. ICP QC	M
7. LCS	O
8. SAMPLE VERIFICATION	O
9. OTHER QC	N/A
10. OVERALL ASSESSMENT	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: Laboratory blank readings caused the qualification of eight results. Thirteen analytes had matrix spike recoveries below the QC limit. The zinc laboratory duplicate difference was above the QC limit. Six analytes had serial dilution differences above the QC limit.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 41486 SDG MF4N05 SITE West CR 112 Ground Water LAB SENTIN

COMMENTS: This SDG consisted of 18 water samples for total metals (by ICP-MS) analysis, excluding calcium and sodium, following SOW ISM01.2. The laboratory requested and received a waiver from the Region to exclude calcium and sodium because of the negative impacts of high concentrations of these two analytes on the life of the ICP-MS's detector. The sampler designated sample MF4N42 for laboratory QC analyses.

The target analyte of concern was chromium with a desired detection limit of 2 ug/l. All samples met the user's desired detection limit criteria. Chromium was reported at concentrations over the user's desired detection limit for all samples except sample MF4N39.

A Standard Review was performed on this package as requested by the TDF. Sixty-five percent of the reported results were above the CRQLs. Some results were qualified for all samples because of problems with laboratory blank readings, matrix spike recoveries, a laboratory duplicate difference, and serial dilution differences. ESAT's final data qualifiers in the DST indicate the technical usability of all reported results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.
Provisional = Some results were qualified because of problems associated with this QC parameter.
Unusable = All results are unusable because of major problems associated with this QC parameter.

1. Holding Times: Acceptable. All samples met contractual and technical holding time criteria. Sample preservation was acceptable.

2. Calibrations: Acceptable. All calibration analyses met contractual requirements.

3. Blanks: Provisional. Preparation and calibration blanks met contractual requirements. In the reviewer's opinion, the analyte readings in the ICB and CCBs were attributed to instrument baseline drift and not laboratory contamination. Laboratory blank readings affected the results as indicated below.

The reviewer qualified the results above the CRQL as estimated and biased high for zinc in samples MF4N28, MF4N45, and MF4N50. However, the reviewer did not assign the

high bias flag to the zinc results because of a conflicting bias effect resulting from the matrix spike evaluation addressed in Section 4 below.

The reviewer qualified the zinc results above the CRQL for samples MF4N12, MF4N13, MF4N35, MF4N36, and MF4N51 as undetected ("U"), and the reported concentrations should be used as raised quantitation limits ("C").

All results at and below the CRQLs for the following analytes should be considered undetected and were flagged "U" at the CRQLs on the DST: antimony, beryllium, cadmium, chromium, cobalt, lead, selenium, silver, thallium, and zinc.

4. Pre-digestion Matrix Spike Recovery: Provisional. The pre-digestion matrix spike recoveries for the following analytes were below 75 percent and the results were qualified as estimated: antimony, arsenic, beryllium, cadmium, chromium, cobalt, copper, manganese, nickel, selenium, silver, vanadium, and zinc. The post-digestion spike recoveries for arsenic, beryllium, chromium, copper, and zinc indicated a bias effect. Therefore, with the exception of those raised to the CRQLs and "U" flagged for laboratory blank evaluation the results for the above analytes were also qualified as low biased. The reviewer did not assign the low bias flag to the zinc results for samples MF4N28, MF4N45, and MF4N50 because of a conflicting bias effect resulting from the blank evaluation discussed in Section 3 above.

5. Duplicate Analysis: Provisional. The reviewer qualified the zinc results as estimated because the laboratory duplicate difference for zinc exceeded the QC limit.

6. ICP Quality Control:

Serial Dilution: Provisional. The serial dilution differences for arsenic, chromium, cobalt, manganese, nickel, and selenium exceeded the QC limit, so the reviewer qualified all associated results as estimated.

Interference Check Sample (ICS): Acceptable. ICS results were contractually acceptable and indicated satisfactory interelement and background corrections.

Coefficients of Variation: Acceptable. Replicate instrument readings were consistent.

ICP-MS Tune: Acceptable. The tune analysis met QC criteria.

ICP-MS Internal Standard Relative Intensity: Acceptable. The internal standard %RIs associated with the reported sample results were acceptable.

7. Laboratory Control Sample (LCS): Acceptable. The LCS recoveries indicated satisfactory sample preparation and analysis.

8. Sample Verification: Acceptable. The data package was complete. The DST included in this report is the final version.

9. Other QC: Not Applicable.

10. Overall Assessment: Some results were qualified for all samples because of problems with laboratory blank readings, matrix spike recoveries, a laboratory duplicate difference, and serial dilution differences.

INORGANIC ACRONYMS

CADRE	Computer-Aided Data Review and Evaluation
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
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
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
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
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7429905	Aluminum	116		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440382	Arsenic	17.6	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440393	Barium	34.2		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440473	Chromium	8.4	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440484	Cobalt	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440508	Copper	1.5	LJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7439896	Iron	42.2	LJ	ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7439954	Magnesium	39300		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7439965	Manganese	1.4	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440020	Nickel	5.7	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440097	Potassium	2160		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7782492	Selenium	6.1	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440622	Vanadium	71.7	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N05	14739(S)	W	Field_Sample	06/27/2011	14:48:07	7440666	Zinc	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	LMW-104
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7429905	Aluminum	247		ug/L	20.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440360	Antimony	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440382	Arsenic	10.7	J-	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440393	Barium	79.9		ug/L	10.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440473	Chromium	20.2	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440484	Cobalt	3.4	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440508	Copper	2.9	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7439896	Iron	515		ug/L	200	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7439921	Lead	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7439954	Magnesium	47000		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7439965	Manganese	360	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440020	Nickel	22.6	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440097	Potassium	4760		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7782492	Selenium	7.1	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440224	Silver	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440280	Thallium	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440622	Vanadium	35.3	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N12	14851(S)	W	Field_Sample	06/27/2011	15:04:29	7440666	Zinc	2.9	UCJ-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7429905	Aluminum	259		ug/L	20.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440360	Antimony	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440382	Arsenic	10.7	J-	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440393	Barium	77.4		ug/L	10.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440473	Chromium	8.3	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440484	Cobalt	3.2	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440508	Copper	2.5	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7439896	Iron	437		ug/L	200	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7439921	Lead	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7439954	Magnesium	48500		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7439965	Manganese	522	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440020	Nickel	9.5	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440097	Potassium	4790		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7782492	Selenium	7.1	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440224	Silver	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440280	Thallium	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440622	Vanadium	36.3	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N13	14852(S)	W	Field_Sample	06/27/2011	15:07:12	7440666	Zinc	2.9	UCJ-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	LMW-A DUP
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7429905	Aluminum	531		ug/L	20.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440360	Antimony	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440382	Arsenic	14.5	J-	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440393	Barium	57.7		ug/L	10.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440473	Chromium	17.1	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A

41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440484	Cobalt	1.8	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440508	Copper	2.8	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7439896	Iron	418		ug/L	200	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7439921	Lead	2.2		ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7439954	Magnesium	29800		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7439965	Manganese	35.6	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440020	Nickel	20.9	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440097	Potassium	4750		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7782492	Selenium	8.6	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440224	Silver	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440280	Thallium	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440622	Vanadium	50.6	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N27	14853(S)	W	Field_Sample	06/27/2011	15:09:54	7440666	Zinc	13.7	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03A
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7429905	Aluminum	311		ug/L	20.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440360	Antimony	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440382	Arsenic	7.7	J-	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440393	Barium	65.9		ug/L	10.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440473	Chromium	28.1	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440484	Cobalt	1.1	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440508	Copper	2.7	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7439896	Iron	258		ug/L	200	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7439921	Lead	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7439954	Magnesium	43200		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7439965	Manganese	13.7	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440020	Nickel	19.4	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440097	Potassium	6570		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7782492	Selenium	11.4	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440224	Silver	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440280	Thallium	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440622	Vanadium	12.7	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N28	14854(S)	W	Field_Sample	06/27/2011	15:12:37	7440666	Zinc	3.7	J	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-03B
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7429905	Aluminum	148		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440382	Arsenic	7.2	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440393	Barium	46.1		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440473	Chromium	16.6	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440484	Cobalt	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440508	Copper	2.4	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7439896	Iron	107	UJ	ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7439954	Magnesium	34000		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7439965	Manganese	25.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440020	Nickel	12.6	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440097	Potassium	11700		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7782492	Selenium	12.6	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440622	Vanadium	12.8	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N35	14740(S)	W	Field_Sample	06/27/2011	14:50:51	7440666	Zinc	2.8	UCJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08A
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7429905	Aluminum	171		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440382	Arsenic	8.6	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440393	Barium	76.2		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440473	Chromium	51.9	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440484	Cobalt	1.3	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440508	Copper	2.7	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7439896	Iron	323		ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7439954	Magnesium	40600		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7439965	Manganese	14.8	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440020	Nickel	33.8	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440097	Potassium	9210		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B

41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7782492	Selenium	10.8	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440622	Vanadium	16.8	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N36	14741(S)	W	Field_Sample	06/27/2011	14:53:35	7440666	Zinc	3.0	UCJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-08B
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7429905	Aluminum	218		ug/L	20.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440360	Antimony	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440382	Arsenic	7.6	J-	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440393	Barium	54.1		ug/L	10.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440473	Chromium	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440484	Cobalt	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440508	Copper	2.1	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7439896	Iron	89.8	LJ	ug/L	200	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7439921	Lead	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7439954	Magnesium	62100		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7439965	Manganese	10.0	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440020	Nickel	4.0	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440097	Potassium	11700		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7782492	Selenium	10.5	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440224	Silver	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440280	Thallium	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440622	Vanadium	7.1	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N39	14855(S)	W	Field_Sample	06/27/2011	15:15:19	7440666	Zinc	4.5	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-11A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7429905	Aluminum	115		ug/L	20.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440360	Antimony	2.0	UJ	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440382	Arsenic	7.7	J-	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440393	Barium	50.1		ug/L	10.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440473	Chromium	6.0	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440484	Cobalt	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440508	Copper	2.4	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7439896	Iron	58.6	LJ	ug/L	200	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7439921	Lead	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7439954	Magnesium	52000		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7439965	Manganese	29.8	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440020	Nickel	12.8	J	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440097	Potassium	9010		ug/L	500	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7782492	Selenium	10.8	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440224	Silver	1.0	UJ	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440280	Thallium	1.0	U	ug/L	1.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440622	Vanadium	11.3	J	ug/L	5.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N41	14856(S)	W	Field_Sample	06/27/2011	15:18:03	7440666	Zinc	4.8	J-	ug/L	2.0	06/21/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-12A
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7429905	Aluminum	114		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440382	Arsenic	7.1	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440393	Barium	66.4		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440473	Chromium	3.9	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440484	Cobalt	7.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440508	Copper	1.8	LJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7439896	Iron	97.7	LJ	ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7439954	Magnesium	78800		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7439965	Manganese	188	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440020	Nickel	20.4	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440097	Potassium	10700		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7782492	Selenium	20.8	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440622	Vanadium	15.8	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N42	14742(S)	W	Field_Sample	06/27/2011	14:37:15	7440666	Zinc	5.9	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-12B
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7429905	Aluminum	315		ug/L	20.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440382	Arsenic	8.6	J-	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A

41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440393	Barium	54.0		ug/L	10.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440473	Chromium	5.6	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440484	Cobalt	1.8	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440508	Copper	1.9	LJ-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7439896	Iron	378		ug/L	200	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7439921	Lead	1.5		ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7439954	Magnesium	33900		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7439965	Manganese	61.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440020	Nickel	9.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440097	Potassium	5270		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7782492	Selenium	5.6	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440622	Vanadium	31.7	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N45	14857(S)	W	Field_Sample	06/27/2011	15:20:46	7440666	Zinc	4.1	J	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19A
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7429905	Aluminum	267		ug/L	20.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440382	Arsenic	6.1	J-	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440393	Barium	127		ug/L	10.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440473	Chromium	39.2	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440484	Cobalt	9.4	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440508	Copper	4.8	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7439896	Iron	389		ug/L	200	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7439954	Magnesium	31500		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7439965	Manganese	722	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440020	Nickel	48.1	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440097	Potassium	7250		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7782492	Selenium	5.0	UJ	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440622	Vanadium	6.2	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N46	14858(S)	W	Field_Sample	06/27/2011	15:23:30	7440666	Zinc	4.6	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-19B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7429905	Aluminum	375		ug/L	20.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440382	Arsenic	7.6	J-	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440393	Barium	99.6		ug/L	10.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440473	Chromium	29.0	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440484	Cobalt	19.9	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440508	Copper	5.6	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7439896	Iron	425		ug/L	200	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7439921	Lead	1.4		ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7439954	Magnesium	31100		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7439965	Manganese	851	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440020	Nickel	46.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440097	Potassium	8280		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7782492	Selenium	5.0	UJ	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440622	Vanadium	6.5	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N49	14859(S)	W	Field_Sample	06/27/2011	15:26:14	7440666	Zinc	8.1	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-20B
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7429905	Aluminum	339		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440382	Arsenic	10.2	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440393	Barium	48.2		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440439	Cadmium	1.4	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440473	Chromium	11.2	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440484	Cobalt	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440508	Copper	2.2	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7439896	Iron	348		ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7439921	Lead	1.2		ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A

41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7439954	Magnesium	33100		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7439965	Manganese	41.9	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440020	Nickel	6.3	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440097	Potassium	4860		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7782492	Selenium	5.6	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440622	Vanadium	38.4	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N50	14743(S)	W	Field_Sample	06/27/2011	14:56:19	7440666	Zinc	3.4	J	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7429905	Aluminum	210		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440382	Arsenic	10.4	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440393	Barium	44.8		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440473	Chromium	7.8	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440484	Cobalt	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440508	Copper	1.8	LJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7439896	Iron	170	LJ	ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7439954	Magnesium	33000		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7439965	Manganese	24.5	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440020	Nickel	4.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440097	Potassium	4890		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7782492	Selenium	5.2	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440622	Vanadium	38.9	J	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N51	14744(S)	W	Field_Sample	06/27/2011	14:59:04	7440666	Zinc	2.5	UCJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21A-DUP
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7429905	Aluminum	164		ug/L	20.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440382	Arsenic	4.5	J-	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440393	Barium	50.0		ug/L	10.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440473	Chromium	15.5	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440484	Cobalt	2.4	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440508	Copper	1.7	LJ-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7439896	Iron	127	LJ	ug/L	200	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7439921	Lead	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7439954	Magnesium	16700		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7439965	Manganese	142	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440020	Nickel	13.5	J	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440097	Potassium	5900		ug/L	500	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7782492	Selenium	5.0	UJ	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440622	Vanadium	4.0	LJ	ug/L	5.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N52	14745(S)	W	Field_Sample	06/27/2011	15:01:47	7440666	Zinc	5.2	J-	ug/L	2.0	06/20/2011	06/24/2011	06/21/2011	Low	0.0	50	50	MS	WMW-21B
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7429905	Aluminum	341		ug/L	20.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440382	Arsenic	11.1	J-	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440393	Barium	38.2		ug/L	10.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440417	Beryllium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440473	Chromium	118	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440484	Cobalt	1.8	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440508	Copper	3.2	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7439896	Iron	523		ug/L	200	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7439921	Lead	1.6		ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7439954	Magnesium	27900		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7439965	Manganese	57.5	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440020	Nickel	31.2	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440097	Potassium	10200		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7782492	Selenium	6.0	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440622	Vanadium	50.9	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A

41486	MF4N05	MF4N57	14860(S)	W	Field_Sample	06/27/2011	15:28:59	7440666	Zinc	4.5	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24A
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7429905	Aluminum	1400		ug/L	20.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440360	Antimony	2.0	UJ	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440382	Arsenic	11.7	J-	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440393	Barium	170		ug/L	10.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440417	Beryllium	1.1	J-	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440439	Cadmium	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440473	Chromium	73.6	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440484	Cobalt	9.8	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440508	Copper	7.9	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7439896	Iron	1930		ug/L	200	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7439921	Lead	3.6		ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7439954	Magnesium	37700		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7439965	Manganese	798	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440020	Nickel	95.9	J	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440097	Potassium	9830		ug/L	500	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7782492	Selenium	5.0	UJ	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440224	Silver	1.0	UJ	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440280	Thallium	1.0	U	ug/L	1.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440622	Vanadium	10.4	J	ug/L	5.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B
41486	MF4N05	MF4N58	14861(S)	W	Field_Sample	06/27/2011	15:31:44	7440666	Zinc	17.5	J-	ug/L	2.0	06/20/2011	06/24/2011	06/22/2011	Low	0.0	50	50	MS	WMW-24B

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 41486 SDG No. MF4N05 SDG Nos. To Follow Mod. Ref. No. Date Rec 7/06/11

EPA Lab ID: SENTIN

Lab location: Huntsville, AL

Region: 6 Audit No.: 41486/MF4N05

Resubmitted CSF? Yes No X

Box No(s): 1

COMMENTS:

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 8/10/2011

Audited Date

Signature Printed Name/Title

DC-2

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41486
DAS No:
R

Region: 6	Date Shipped: 6/20/2011	Chain of Custody Record		Sampler Signature: Dwaine Beard	
Project Code: EP-W-06-004	Carrier Name: FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)
Account Code:	Airbill: 797220385658	1 [illegible]	6/20/11 1800		
CERCLIS ID:	Shipped to: Sentinel Inc. 4733 Commercial Drive Huntsville AL 35816 (256) 534-9800	2			
Spill ID:		3			
Site Name/State: WEST COUNTY ROAD 112 GROUND WA		4			
Project Leader: LUIS VEGA					
Action: Combined RI/FS					
Sampling Co: EA Engineering					

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MF4N05	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455820 (HNO3) (1)	LMW-104	S: 6/20/2011	11:15		--
MF4N35	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455850 (HNO3) (1)	WMW-08A	S: 6/20/2011	13:55		--
MF4N36	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455851 (HNO3) (1)	WMW-08B	S: 6/20/2011	14:30		--
MF4N42	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455858 (HNO3), 6455859 (HNO3) (2)	WMW-12B	S: 6/20/2011	12:00		Lab QC
MF4N50	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455868 (HNO3) (1)	WMW-21A	S: 6/20/2011	12:34		--
MF4N51	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455869 (HNO3) (1)	WMW-21A DUP	S: 6/20/2011	12:34		Field Duplicate
MF4N52	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455870 (HNO3) (1)	WMW-21B	S: 6/20/2011	14:40		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MF4N42	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: TM ISM01.2 = TM ISM01.2 / ICP-MS	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?

TR Number: 6-042412979-062011-0001

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41486
DAS No:
R

Region:	6	Date Shipped:	6/21/2011	Chain of Custody Record	Sampler Signature: Dwaine Beard
Project Code:	EP-W-06-004	Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	7948 7979 6942	1 [illegible] 6/21/11 1800	
CERCLIS ID:		Shipped to:	Sentinel Inc. 4733 Commercial Drive Huntsville AL 35816 (256) 534-9800	2	
Spill ID:				3	
Site Name/State:	WEST COUNTY ROAD 112 GROUND WA			4	
Project Leader:	LUIS VEGA				
Action:	Combined RI/FS				
Sampling Co:	EA Engineering				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MF4N12	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455827 (HNO3) (1)	LMW-A	S: 6/21/2011	11:29		--
MF4N13	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455828 (HNO3) (1)	LMW-A DUP	S: 6/21/2011	11:29		Field Duplicate
MF4N27	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455842 (HNO3) (1)	WMW-03A	S: 6/21/2011	13:20		--
MF4N28	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455843 (HNO3) (1)	WMW-03B	S: 6/21/2011	13:55		--
MF4N39	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455855 (HNO3) (1)	WMW-11A	S: 6/21/2011	14:45		--
MF4N41	Ground Water/ RESHMA HOODA	L/G	TM ISM01.2 (21)	6455833 (HNO3) (1)	WMW-12A	S: 6/21/2011	15:00		--
MF4N61	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455879 (HNO3) (1)	WMW-26A	S: 6/21/2011	10:30		--
MF4N62	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455880 (HNO3) (1)	WMW-26B	S: 6/21/2011	11:20		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [illegible]	Chain of Custody Seal Number:
Analysis Key: TM ISM01.2 = TM ISM01.2 / ICP-MS	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-042412979-062111-0002

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41486
DAS No:
R

Region: 6	Date Shipped: 6/21/2011	Chain of Custody Record	Sampler Signature: Duane Beard
Project Code: EP-W-06-004	Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:	Airbill: 7948 7979 3597	1 R Duffield 6/24/11 1800	
CERCLIS ID:	Shipped to: Sentinel Inc. 4733 Commercial Drive Huntsville AL 35816 (256) 534-9800	2	
Spill ID:		3	
Site Name/State: WEST COUNTY ROAD 112 GROUND WA		4	
Project Leader: LUIS VEGA			
Action: Combined RI/FS			
Sampling Co: EA Engineering			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4N45	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455863 (HNO3) (1)	WMW-19A	S: 6/20/2011 16:05		--
MF4N46	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455864 (HNO3) (1)	WMW-19B	S: 6/20/2011 17:02		--
MF4N49	Ground Water/ DWAINE BEARD	L/G	TM ISM01.2 (21)	6455867 (HNO3) (1)	WMW-20B	S: 6/21/2011 9:49		--
MF4N57	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455875 (HNO3) (1)	WMW-24A	S: 6/20/2011 15:40		--
MF4N58	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455876 (HNO3) (1)	WMW-24B	S: 6/20/2011 16:35		--
MF4N63	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455881 (HNO3), 6455882 (HNO3) (2)	WMW-28A	S: 6/21/2011 8:45		Lab QC
MF4N64	Ground Water/ DUANE THOMAS	L/G	TM ISM01.2 (21)	6455883 (HNO3) (1)	WMW-28B	S: 6/21/2011 9:30		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MF4N63	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: TM ISM01.2 = TM ISM01.2 / ICP-MS	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?

TR Number: 6-042412979-062111-0001

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602