

CASE NARRATIVE
Client: Sundance Consulting, Inc.
Project: Fort Wingate, New Mexico
Report Number: 280-76532-1

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

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Revision - 01/07/2015

The SVOC method reference was changed from 8270C to 8270D or 8270_DOD to be consistent throughout the report.

Sample Receipt

Eight samples were received on 11/7/2015 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 7 coolers at receipt time were 0.2°C, 0.5°C, 0.9°C, 1.5°C, 1.8°C, 2.2°C and 3.4°C.

Per client request on 11/9/2015, the originally requested 8270D SVOCs (DOD and non-DOD) was cancelled and 8081A Organochlorine Pesticides analysis was activated for sample TMW24102015 (280-76532-8). No prep or analysis had been initiated prior to the client's request.

Please note the Caprolactam data are reported under separate cover (280-76532-2), as the laboratory does not hold DOD ELAP certification for this compound.

The 6010C analyses were subcontracted to TestAmerica Sacramento as Denver's ICP instrument was down at the time of sample receipt.

No other anomalies were encountered during sample receipt.

GC/MS Volatiles - 8260B

Samples TB-16-102015 (280-76532-1), TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/17/2015 and 11/18/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

1,2,3-Trichlorobenzene and Naphthalene were detected in method blank MB 280-304621/6 at levels that were less than one half the reporting limits; therefore, corrective action was deemed unnecessary. The values should be considered estimates, and have been flagged "J" in accordance with the DOD QSM.

MS/MSD analyses for analytical batch 280-304621 were not requested.

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

GC/MS Semivolatiles - 8270D

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6) and DTW15102015 (280-76532-7) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/10/2015 and analyzed on 11/16/2015.

Please note the Caprolactam data are reported under separate cover (280-76532-2), as the laboratory does not hold DOD ELAP certification for this compound.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

The organic extraction analyst noted a small amount of water was in the receiver tube at concentration for sample MW23102015 (280-76532-4 MS) and Na₂S₀₄ was used for drying.

The LCS associated with prep batch 280-303390 exhibited a percent recovery below the QC control limits for Benzidine. This compound has been identified as a poor performing analyte when analyzed using this method; therefore, corrective action was not performed. The associated data have been flagged "Q" in accordance with the DOD QSM.

The MS/MSD associated with prep batch 280-303390 was performed on sample MW23102015 (280-76532-4). The MS/MSD exhibited spike compound recoveries and/or RPD data outside the QC control limits for several analytes. The acceptable LCS analysis data indicated the analytical system was operating within control; therefore, corrective action is deemed unnecessary. The associated data in the parent sample has been flagged "J" in accordance with the DOD QSM.

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

Gasoline Range Organics - 8015C

Sample TB-17-102015 (280-76532-2) was analyzed for gasoline range organics (GRO) in accordance with 8015C GRO. The sample was analyzed on 11/17/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

MS/MSD analyses for analytical batch 280-304526 were not requested.

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

Organochlorine Pesticides - 8081A

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5) and TMW24102015 (280-76532-8) were analyzed for Organochlorine Pesticides (GC) in accordance with SW846 8081A. The samples were prepared on 11/11/2015 and analyzed on 11/18/2015.

TestAmerica Denver's practice for the reporting of dual column data in packages requiring forms and/or raw data is to report the surrogates from both columns, and the preferred result for any given target analyte from the analyst selected column. The preferred results for target analytes and surrogates are reported as PRIMARY on the Sample Datasheets.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

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

Explosives - 8330B

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for Nitroaromatics and Nitramines (HPLC) in accordance with SW846 8330B. The samples were prepared on 11/10/2015 and analyzed on 11/16/2015, 11/17/2015 and 11/18/2015.

TestAmerica Denver's practice for the reporting of dual column data in packages requiring forms and/or raw data is to report the surrogates from both columns, and the preferred result for any given target analyte from the analyst selected column. The preferred results for target analytes and surrogates are reported as PRIMARY on the Sample Datasheets.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), MW23102015MS (280-76532-4[MS]), MW23102015MSD (280-76532-4[MSD]), DMW23102015 (280-76532-5) and TMW24102015 (280-76532-8) had visible sediment and were filtered prior to extraction.

2-Amino-4,6-dinitrotoluene and HMX were detected in method blank MB 280-303322/1-A at levels that were less than one half the reporting limits on the confirmation column; therefore, corrective action was deemed unnecessary. The values should be considered estimates, and have been flagged "J" in accordance with the DOD QSM.

The MS/MSD associated with prep batch 280-303322 was performed on sample MW23102015 (280-76532-4). The MS/MSD exhibited spike compound recoveries, RPD data and a surrogate recovery outside the QC control limits for several analytes. The acceptable LCS analysis data indicated the analytical system was operating within control; therefore, corrective action is deemed unnecessary. The associated data in the parent sample has been flagged "J" in accordance with the DOD QSM.

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

Perchlorate - 6860

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for Perchlorate in accordance with 6860. The samples were analyzed on 11/21/2015, 11/22/2015 and 11/25/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

MS/MSD analyses for analytical batch 280-305631 were not requested.

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

Total Metals - 6010C

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6),

DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for Metals (ICP) in accordance with 6010C. The samples were prepared on 11/20/2015 and analyzed on 11/20/2015 and 11/23/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to high concentrations of target analytes, samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) had to be analyzed at dilutions. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

The MS/MSD associated with prep batch 320-93069 was performed on sample MW23102015 (280-76532-4). The MS/MSD spike compound recoveries and RPD data could not be reliably calculated for Sodium because the sample concentration was greater than four times the spike amounts. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

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

Dissolved Metals - 6010C

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for Dissolved Metals (ICP/MS) in accordance with SW846 6010C. The samples were prepared on 11/20/2015 and analyzed on 11/20/2015 and 11/23/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to high concentrations of target analytes, samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) had to be analyzed at dilutions. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

The MS/MSD associated with prep batch 320-93058 was performed on sample MW23102015 (280-76532-4). The MS/MSD spike compound recoveries and RPD data could not be reliably calculated for Sodium because the sample concentration was greater than four times the spike amounts. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

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

Total Metals - 6020A

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for total metals (ICPMS) in accordance with SW846 6020A. The samples were prepared on 11/11/2015 and analyzed on 11/12/2015 and 11/13/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

The MS/MSD associated with prep batch 280-303443 was performed on sample MW23102015 (280-76532-4). The MS/MSD exhibited a spike compound recovery outside the QC control limits for Barium. The acceptable LCS analysis data indicated the analytical system was operating within control; therefore, corrective action is deemed unnecessary. The associated data in the parent sample has been flagged "J" in accordance with the DOD QSM.

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

Dissolved Metals - 6020A

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for dissolved metals (ICPMS) in accordance with SW 846 6020A. The samples were prepared on 11/17/2015 and analyzed on 11/18/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

Manganese was detected in method blank MB 280-304260/1-A at a level that was less than one half the reporting limit; therefore, corrective action was deemed unnecessary. The value should be considered an estimate, and has been flagged "J" in accordance with the DOD QSM.

The MS/MSD associated with prep batch 280-304260 was performed on sample MW23102015 (280-76532-4). The MS/MSD exhibited spike compound recoveries outside the QC control limits for Barium. The acceptable LCS analysis data indicated the analytical system was operating within control; therefore, corrective action is deemed unnecessary. The associated data in the parent sample has been flagged "J" in accordance with the DOD QSM.

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

Total Mercury - 7470A

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for mercury in accordance with SW 846 7470A. The samples were prepared and analyzed on 11/19/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

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

Dissolved Mercury - 7470A

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for dissolved mercury in accordance with SW 846 7470A. The samples were prepared and analyzed on 11/19/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

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

Nitrate & Nitrite - 9056

Samples TMW38102015 (280-76532-3), MW23102015 (280-76532-4), DMW23102015 (280-76532-5), TMW15102015 (280-76532-6), DTW15102015 (280-76532-7) and TMW24102015 (280-76532-8) were analyzed for anions by ion chromatography in accordance with SW 846 9056. The samples were analyzed on 11/07/2015.

Reporting limits and method detection limits have been adjusted accordingly for the initial volumes extracted.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to matrix interference, samples TMW38102015 (280-76532-3) and TMW24102015 (280-76532-8) had to be analyzed at dilutions. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

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



Data Review Summary

Lab Reporting Batch ID: 280-76532-1
 EDD Filename: Prep280-76532-1

Laboratory: TESTAME
 eQAPP Name: FtWingate_Primary_120405

<i>Validation Area</i>	<i>Note</i>
Technical Holding Times	A
Temperature	A
Initial Calibration	N
Continuing Calibration/Initial Calibration Verification	N
Method Blanks	SR
Surrogate/Tracer Spikes	SR
Matrix Spike/Matrix Spike Duplicates	SR
Laboratory Duplicates	A
Laboratory Replicates	N
Laboratory Control Samples	SR
Compound Quantitation	SR
Field Duplicates	SR
Field Triplicates	N
Field Blanks	A

A = Acceptable, N = Not provided/applicable, SR = See report

The contents of this report reflect findings made by ADR during Automated Data Review, manual applied qualifiers are not considered. Please refer to the Overall Qualifier Summary report for manual qualifiers.

Field Duplicate RPD Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 6010C**Matrix:** AQ

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015 (DIS)	DMW23102015 (DIS)			
CALCIUM	10000	10000	0	50.00	No Qualifiers Applied
MAGNESIUM	4200	4400	5	50.00	
POTASSIUM	1400	1600	13	50.00	
SODIUM	490000	490000	0	50.00	
ALUMINUM	79	200 U	200	50.00	J(all detects) UJ(all non-detects)
IRON	57	29	65	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015 (TOT)	DMW23102015 (TOT)			
ALUMINUM	1300	2300	56	50.00	No Qualifiers Applied
CALCIUM	12000	11000	9	50.00	
IRON	640	1100	53	50.00	
MAGNESIUM	5300	4800	10	50.00	
POTASSIUM	1800	2200	20	50.00	
SODIUM	490000	500000	2	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW15102015 (DIS)	DTW15102015 (DIS)			
CALCIUM	21000	21000	0	50.00	No Qualifiers Applied
MAGNESIUM	3900	3900	0	50.00	
POTASSIUM	720	720	0	50.00	
SODIUM	580000	570000	2	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW15102015 (TOT)	DTW15102015 (TOT)			
CALCIUM	21000	21000	0	50.00	No Qualifiers Applied
IRON	41	27	41	50.00	
MAGNESIUM	3800	3800	0	50.00	
POTASSIUM	700	830	17	50.00	
SODIUM	570000	570000	0	50.00	

Method: 6020A**Matrix:** AQ

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015 (DIS)	DMW23102015 (DIS)			
ARSENIC	1.2	1.2	0	50.00	No Qualifiers Applied
BARIUM	140	140	0	50.00	
BERYLLIUM	1.0 U	0.10	200	50.00	
COBALT	1.2	1.1	9	50.00	
COPPER	1.7	2.1	21	50.00	
LEAD	0.24	3.0 U	200	50.00	
MANGANESE	83	79	5	50.00	
NICKEL	2.2	2.9	27	50.00	
VANADIUM	13	8.5	42	50.00	
ZINC	20 U	2.0	200	50.00	

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Field Duplicate RPD Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 6020A**Matrix:** AQ

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015 (TOT)	DMW23102015 (TOT)			
ARSENIC	1.1	1.3	17	50.00	No Qualifiers Applied
BARIUM	150	150	0	50.00	
CHROMIUM	0.94	1.5	46	50.00	
COBALT	1.1	1.3	17	50.00	
LEAD	0.51	0.81	45	50.00	
MANGANESE	88	87	1	50.00	
NICKEL	2.2	2.6	17	50.00	
ZINC	5.2	4.8	8	50.00	
BERYLLIUM	0.12	0.22	59	50.00	
COPPER	0.79	2.0	87	50.00	
SILVER	0.068	5.0 U	200	50.00	
THALLIUM	1.0 U	0.10	200	50.00	
VANADIUM	6.1	12	65	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW15102015 (DIS)	DTW15102015 (DIS)			
ARSENIC	5.0 U	0.35	200	50.00	No Qualifiers Applied
BARIUM	24	24	0	50.00	
CHROMIUM	0.99	0.89	11	50.00	
COBALT	0.25	1.0 U	200	50.00	
COPPER	2.0 U	0.80	200	50.00	
NICKEL	3.0 U	0.46	200	50.00	
SELENIUM	13	13	0	50.00	
VANADIUM	1.9	1.5	24	50.00	
ZINC	6.6	7.7	15	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW15102015 (TOT)	DTW15102015 (TOT)			
BARIUM	24	23	4	50.00	No Qualifiers Applied
CHROMIUM	0.89	0.92	3	50.00	
MANGANESE	1.5	1.1	31	50.00	
SELENIUM	13	13	0	50.00	
VANADIUM	1.9	2.2	15	50.00	
ZINC	7.8	6.9	12	50.00	
BERYLLIUM	1.0 U	0.11	200	50.00	J(all detects) UJ(all non-detects)
NICKEL	3.0 U	0.30	200	50.00	
SILVER	0.051	5.0 U	200	50.00	

Method: 6860**Matrix:** AQ

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW15102015	DTW15102015			
PERCHLORATE	0.11	0.12	9	50.00	No Qualifiers Applied

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Field Duplicate RPD Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 8260B**Matrix:** AQ

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015	DMW23102015			
1,2,3-TRICHLOROBENZENE	0.23	1.0 U	200	50.00	J(all detects) UJ(all non-detects)

Method: 8270D**Matrix:** AQ

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015	DMW23102015			
BENZOIC ACID	11	11	0	50.00	No Qualifiers Applied
BENZYL ALCOHOL	0.48	0.32	40	50.00	
BIS(2-ETHYLHEXYL) PHTHALATE	0.63	10 U	200	50.00	J(all detects) UJ(all non-detects)

Method: 9056**Matrix:** AQ

Analyte	Concentration (mg/L)		Sample RPD	eQAPP RPD	Flag
	MW23102015	DMW23102015			
NITRITE	0.50 U	0.053	200	50.00	J(all detects) UJ(all non-detects)

Analyte	Concentration (mg/L)		Sample RPD	eQAPP RPD	Flag
	TMW15102015	DTW15102015			
NITRATE	7.3	7.3	0	50.00	No Qualifiers Applied

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 8270D**Matrix:** AQ

<i>QC Sample ID (Associated Samples)</i>	<i>Compound</i>	<i>LCS %R</i>	<i>LCSD %R</i>	<i>%R Limits</i>	<i>RPD (Limits)</i>	<i>Affected Compounds</i>	<i>Flag</i>
LCS 280-303390/2-A (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW38102015)	BENZIDINE	21	-	27.00-150.00	-	BENZIDINE	J (all detects) UJ (all non-detects)



History of Manual Changes to Automated Data Review Qualifiers

Changed by: Doug Scott

Analyte	Method	Analysis Type	Result	Unit	Reason Code	Original Value	New Value	Edit Time
Field Sample ID: DMW23102015								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.5	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016 11:04
Reason for change: rejecting data due to recovery								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.5	ug/L	Matrix Spike Lower Rejection		R	1/8/2016 11:04
Reason for change: MS/MSD at 3 and 0 recovery R flag								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016 11:05
Reason for change: rejecting no recovery								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Rejection		R	1/8/2016 11:05
Reason for change: MS/MSD zero recovery								
Field Sample ID: DTW15102015								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.6	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016 11:04
Reason for change: rejecting data due to recovery								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.6	ug/L	Matrix Spike Lower Rejection		R	1/8/2016 11:04
Reason for change: MS/MSD at 3 and 0 recovery R flag								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016 11:05
Reason for change: rejecting no recovery								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Rejection		R	1/8/2016 11:05
Reason for change: MS/MSD zero recovery								

Analyte	Method	Analysis Type	Result	Unit	Reason Code	Original Value	New Value	Edit Time	
Field Sample ID: MW23102015									
3,3'-DICHLOROBENZIDINE	8270D	RES	4.5	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016	11:04
Reason for change:	rejecting data due to recovery								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.5	ug/L	Matrix Spike Lower Rejection		R	1/8/2016	11:04
Reason for change:	MS/MSD at 3 and 0 recovery R flag								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016	11:05
Reason for change:	rejecting no recovery								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Rejection		R	1/8/2016	11:05
Reason for change:	MS/MSD zero recovery								
Field Sample ID: TMW15102015									
3,3'-DICHLOROBENZIDINE	8270D	RES	4.3	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016	11:04
Reason for change:	rejecting data due to recovery								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.3	ug/L	Matrix Spike Lower Rejection		R	1/8/2016	11:04
Reason for change:	MS/MSD at 3 and 0 recovery R flag								
BENZIDINE	8270D	RES	99	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016	11:05
Reason for change:	rejecting no recovery								
BENZIDINE	8270D	RES	99	ug/L	Matrix Spike Lower Rejection		R	1/8/2016	11:05
Reason for change:	MS/MSD zero recovery								
Field Sample ID: TMW38102015									
3,3'-DICHLOROBENZIDINE	8270D	RES	4.5	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016	11:04
Reason for change:	rejecting data due to recovery								
3,3'-DICHLOROBENZIDINE	8270D	RES	4.5	ug/L	Matrix Spike Lower Rejection		R	1/8/2016	11:04
Reason for change:	MS/MSD at 3 and 0 recovery R flag								

Analyte	Method	Analysis Type	Result	Unit	Reason Code	Original Value	New Value	Edit Time
Field Sample ID: TMW38102015								
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Estimation	UJ		1/8/2016 11:05
Reason for change:	rejecting no recovery							
BENZIDINE	8270D	RES	100	ug/L	Matrix Spike Lower Rejection		R	1/8/2016 11:05
Reason for change:	MS/MSD zero recovery							

Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 8330B							
Matrix: AQ							
QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW23102015MSD (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW24102015 TMW38102015)	1,3,5-TRINITROBENZENE	-	0	65.00-140.00	200 (30.00)	1,3,5-TRINITROBENZENE	J (all detects) R (all non-detects)
MW23102015MSD (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW24102015 TMW38102015)	1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2-AMINO-4,6-DINITROTOLUENE 2-NITROTOLUENE 3-NITROTOLUENE 4-AMINO-2,6-DINITROTOLUENE 4-NITROTOLUENE Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- HEXAHYDRO-1,3,5-TRINITRO-1,3, METHYL-2,4,6-TRINITROPHENYL NITROBENZENE Octahydro-1,3,5,7-tetranitro-1,3,5,7-	- - - - - - - - - - - -	14 10 18 30 10 18 29 16 12 8 6 20 10	45.00-160.00 50.00-145.00 50.00-155.00 45.00-135.00 50.00-130.00 55.00-155.00 50.00-130.00 60.00-135.00 60.00-135.00 50.00-160.00 20.00-175.00 50.00-140.00 80.00-115.00	154 (30.00) 168 (30.00) 137 (30.00) 106 (30.00) 42 (30.00) 136 (30.00) 108 (30.00) 145 (30.00) 155 (30.00) 170 (30.00) 176 (30.00) 132 (30.00) 161 (30.00)	1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2-AMINO-4,6-DINITROTOLUENE 2-NITROTOLUENE 3-NITROTOLUENE 4-AMINO-2,6-DINITROTOLUENE 4-NITROTOLUENE Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- HEXAHYDRO-1,3,5-TRINITRO-1, METHYL-2,4,6-TRINITROPHENYL NITROBENZENE Octahydro-1,3,5,7-tetranitro-1,3,5,	J(all detects) UJ(all non-detects)
Method: 8270D							
Matrix: AQ							
QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW23102015MS MW23102015MSD (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW38102015)	2,6-DINITROTOLUENE NITROBENZENE	117 141	- 132	50.00-115.00 45.00-110.00	- -	2,6-DINITROTOLUENE NITROBENZENE	J(all detects)
MW23102015MS MW23102015MSD (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW38102015)	3,3'-DICHLOROBENZIDINE 3-NITROANILINE 4-CHLOROANILINE 4-NITROANILINE BENZALDEHYDE BENZIDINE	3 - - 31 - 0	0 - - 30 - 0	20.00-110.00 20.00-125.00 15.00-110.00 35.00-120.00 20.00-150.00 27.00-150.00	200 (30.00) 43 (30.00) 75 (30.00) - 50 (30.00) -	3,3'-DICHLOROBENZIDINE 3-NITROANILINE 4-CHLOROANILINE 4-NITROANILINE BENZALDEHYDE BENZIDINE	J(all detects) UJ(all non-detects)
Method: 6020A							
Matrix: AQ							
QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW23102015MSD (TOT) (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW24102015 TMW38102015)	BARIUM	-	122	85.00-118.00	-	BARIUM	J(all detects)

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 6020A**Matrix:** AQ

<i>QC Sample ID (Associated Samples)</i>	<i>Compound</i>	<i>MS %R</i>	<i>MSD %R</i>	<i>%R Limits</i>	<i>RPD (Limits)</i>	<i>Affected Compounds</i>	<i>Flag</i>
MW23102015MS (DIS) MW23102015MSD (DIS) (DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW24102015 TMW38102015)	BARIUM	77	84	85.00-118.00	-	BARIUM	J(all detects) UJ(all non-detects)

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Method Blank Outlier Report

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 6020A Matrix: AQ				
Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
MB 280-304260/1-A	11/18/2015 9:19:00 PM	MANGANESE	0.318 ug/L	DMW23102015 DTW15102015 MW23102015 TMW15102015 TMW24102015 TMW38102015

Method: 8260B Matrix: AQ				
Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
MB 280-304621/6	11/18/2015 8:20:00 AM	1,2,3-TRICHLOROBENZENE NAPHTHALENE	0.312 ug/L 0.298 ug/L	DTW15102015 TMW15102015 TMW24102015

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Reporting Limit Outliers

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 6010C
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
DMW23102015	IRON	J	29	100	LOQ	ug/L	J (all detects)
DTW15102015	IRON	J	27	100	LOQ	ug/L	J (all detects)
	POTASSIUM	J	720	1000	LOQ	ug/L	
MW23102015	ALUMINUM	J	79	200	LOQ	ug/L	J (all detects)
	IRON	J	57	100	LOQ	ug/L	
TMW15102015	IRON	J	41	100	LOQ	ug/L	J (all detects)
	POTASSIUM	J	720	1000	LOQ	ug/L	
TMW24102015	IRON	J	49	100	LOQ	ug/L	J (all detects)
	POTASSIUM	J	730	1000	LOQ	ug/L	
TMW38102015	ALUMINUM	J	140	200	LOQ	ug/L	J (all detects)

Method: 6020A
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
DMW23102015	ARSENIC	J	1.2	5.0	LOQ	ug/L	J (all detects)
	BERYLLIUM	J	0.10	1.0	LOQ	ug/L	
	CHROMIUM	J	1.5	10	LOQ	ug/L	
	LEAD	J	0.81	3.0	LOQ	ug/L	
	NICKEL	J	2.9	3.0	LOQ	ug/L	
	THALLIUM	J	0.10	1.0	LOQ	ug/L	
	ZINC	J	2.0	20	LOQ	ug/L	
DTW15102015	ARSENIC	J	0.35	5.0	LOQ	ug/L	J (all detects)
	BERYLLIUM	J	0.11	1.0	LOQ	ug/L	
	CHROMIUM	J	0.89	10	LOQ	ug/L	
	COPPER	J	0.80	2.0	LOQ	ug/L	
	MANGANESE	J	1.1	3.5	LOQ	ug/L	
	NICKEL	J	0.46	3.0	LOQ	ug/L	
	VANADIUM	J	1.5	6.0	LOQ	ug/L	
	ZINC	J	7.7	20	LOQ	ug/L	
MW23102015	ARSENIC	J	1.2	5.0	LOQ	ug/L	J (all detects)
	BERYLLIUM	J	0.12	1.0	LOQ	ug/L	
	CHROMIUM	J	0.94	10	LOQ	ug/L	
	COPPER	J	0.79	2.0	LOQ	ug/L	
	LEAD	J	0.24	3.0	LOQ	ug/L	
	NICKEL	J	2.2	3.0	LOQ	ug/L	
	SILVER	J	0.068	5.0	LOQ	ug/L	
	ZINC	J	5.2	20	LOQ	ug/L	
TMW15102015	CHROMIUM	J	0.99	10	LOQ	ug/L	J (all detects)
	COBALT	J	0.25	1.0	LOQ	ug/L	
	MANGANESE	J	1.5	3.5	LOQ	ug/L	
	SILVER	J	0.051	5.0	LOQ	ug/L	
	VANADIUM	J	1.9	6.0	LOQ	ug/L	
	ZINC	J	6.6	20	LOQ	ug/L	

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Reporting Limit Outliers

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 6020A**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW24102015	ARSENIC	J	1.1	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.78	10	LOQ	ug/L	
	COBALT	J	0.22	1.0	LOQ	ug/L	
	COPPER	J	0.71	2.0	LOQ	ug/L	
	LEAD	J	0.34	3.0	LOQ	ug/L	
	NICKEL	J	2.1	3.0	LOQ	ug/L	
	SILVER	J	0.13	5.0	LOQ	ug/L	
	VANADIUM	J	1.9	6.0	LOQ	ug/L	
ZINC	J	4.8	20	LOQ	ug/L		
TMW38102015	ANTIMONY	J	0.60	6.0	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.68	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.20	1.0	LOQ	ug/L	
	CHROMIUM	J	3.8	10	LOQ	ug/L	
	COBALT	J	0.14	1.0	LOQ	ug/L	
	LEAD	J	2.1	3.0	LOQ	ug/L	
	NICKEL	J	0.92	3.0	LOQ	ug/L	
	SILVER	J	0.085	5.0	LOQ	ug/L	
	THALLIUM	J	0.084	1.0	LOQ	ug/L	
	VANADIUM	J	0.84	6.0	LOQ	ug/L	
	ZINC	J	15	20	LOQ	ug/L	

Method: 6860**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW38102015	PERCHLORATE	J	0.013	0.050	LOQ	ug/L	J (all detects)

Method: 8260B**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
MW23102015	1,2,3-TRICHLOROBENZENE	J	0.23	1.0	LOQ	ug/L	J (all detects)
TMW24102015	ACETONE	J	6.2	10	LOQ	ug/L	J (all detects)

Method: 8270D**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
DMW23102015	BENZOIC ACID	J	11	82	LOQ	ug/L	J (all detects)
	BENZYL ALCOHOL	J	0.32	26	LOQ	ug/L	
MW23102015	BENZOIC ACID	J	11	81	LOQ	ug/L	J (all detects)
	BENZYL ALCOHOL	J	0.48	25	LOQ	ug/L	
	BIS(2-ETHYLHEXYL) PHTHALATE	J	0.63	10	LOQ	ug/L	
TMW38102015	BENZOIC ACID	J	11	82	LOQ	ug/L	J (all detects)

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Reporting Limit Outliers

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method: 8270D**Matrix:** AQ

<i>SampleID</i>	<i>Analyte</i>	<i>Lab Qual</i>	<i>Result</i>	<i>Reporting Limit</i>	<i>RL Type</i>	<i>Units</i>	<i>Flag</i>
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Method: 9056**Matrix:** AQ

<i>SampleID</i>	<i>Analyte</i>	<i>Lab Qual</i>	<i>Result</i>	<i>Reporting Limit</i>	<i>RL Type</i>	<i>Units</i>	<i>Flag</i>
DMW23102015	NITRITE	J	0.053	0.50	LOQ	mg/L	J (all detects)
TMW38102015	NITRATE	J D	0.16	1.0	LOQ	mg/L	J (all detects)



Data Review Sample Summary Report by Analysis Method

Reviewed By:

Approved By:

Laboratory: TESTAME

<i>Client Sample ID</i>	<i>Lab Sample ID</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Preparation Method</i>	<i>Collection Date</i>	<i>Validation Code</i>
Lab Reporting Batch: 280-76532-1						
Method: 6010C						
DMW23102015	280-76532-5	AQ	FD	3010A	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	3010A	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	3010A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	3010A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	3010A	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	3010A	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	3010A	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	3010A	11/6/2015 10:00:00 AM	S2AVE
Method: 6020A						
DMW23102015	280-76532-5	AQ	FD	3020A	11/6/2015 8:35:00 AM	S2AVE
DMW23102015	280-76532-5	AQ	FD	3005A	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	3020A	11/6/2015 9:05:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	3005A	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	3020A	11/6/2015 8:35:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	3005A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	3020A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	3005A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	3020A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	3005A	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	3020A	11/6/2015 9:05:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	3005A	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	3020A	11/6/2015 11:35:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	3005A	11/6/2015 11:35:00 AM	S2AVE

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Data Review Sample Summary Report by Analysis Method

Reviewed By:

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<i>Client Sample ID</i>	<i>Lab Sample ID</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Preparation Method</i>	<i>Collection Date</i>	<i>Validation Code</i>
Method: 6020A						
TMW38102015	280-76532-3	AQ	N	3020A	11/6/2015 10:00:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	3005A	11/6/2015 10:00:00 AM	S2AVE
Method: 6860						
DMW23102015	280-76532-5	AQ	FD	METHOD	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	METHOD	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	METHOD	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	METHOD	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	METHOD	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	METHOD	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	METHOD	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	METHOD	11/6/2015 10:00:00 AM	S2AVE
Method: 7470A						
DMW23102015	280-76532-5	AQ	FD	7470A	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	7470A	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	7470A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	7470A	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	7470A	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	7470A	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	7470A	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	7470A	11/6/2015 10:00:00 AM	S2AVE
Method: 8015C GRO						
TB-17-102015	280-76532-2	AQ	TB	METHOD	11/6/2015 8:05:00 AM	S2AVE
Method: 8081A						
DMW23102015	280-76532-5	AQ	FD	3510C	11/6/2015 8:35:00 AM	S2AVE

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Data Review Sample Summary Report by Analysis Method

Reviewed By:

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Laboratory: TESTAME

<i>Client Sample ID</i>	<i>Lab Sample ID</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Preparation Method</i>	<i>Collection Date</i>	<i>Validation Code</i>
Method: 8081A						
MW23102015	280-76532-4	AQ	N	3510C	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	3510C	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	3510C	11/6/2015 8:35:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	3510C	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	3510C	11/6/2015 10:00:00 AM	S2AVE
Method: 8260B						
DMW23102015	280-76532-5	AQ	FD	5030	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	5030	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	5030	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	5030	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	5030	11/6/2015 8:35:00 AM	S2AVE
TB-16-102015	280-76532-1	AQ	TB	5030	11/6/2015 8:00:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	5030	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	5030	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	5030	11/6/2015 10:00:00 AM	S2AVE
Method: 8270D						
DMW23102015	280-76532-5	AQ	FD	3520C	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	3520C	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	3520C	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	3520C	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	3520C	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	3520C	11/6/2015 9:05:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	3520C	11/6/2015 10:00:00 AM	S2AVE



Data Review Sample Summary Report by Analysis Method

Reviewed By:

Approved By:

Laboratory: TESTAME

<i>Client Sample ID</i>	<i>Lab Sample ID</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Preparation Method</i>	<i>Collection Date</i>	<i>Validation Code</i>
Method: 8330B						
DMW23102015	280-76532-5	AQ	FD	3535	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	3535	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	3535	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	3535	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	3535	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	3535	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	3535	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	3535	11/6/2015 10:00:00 AM	S2AVE
Method: 9056						
DMW23102015	280-76532-5	AQ	FD	METHOD	11/6/2015 8:35:00 AM	S2AVE
DTW15102015	280-76532-7	AQ	FD	METHOD	11/6/2015 9:05:00 AM	S2AVE
MW23102015	280-76532-4	AQ	N	METHOD	11/6/2015 8:35:00 AM	S2AVE
MW23102015DUP	280-76532-4DUP	AQ	DUP	METHOD	11/6/2015 8:35:00 AM	S2AVE
MW23102015MS	280-76532-4MS	AQ	MS	METHOD	11/6/2015 8:35:00 AM	S2AVE
MW23102015MSD	280-76532-4MSD	AQ	MSD	METHOD	11/6/2015 8:35:00 AM	S2AVE
TMW15102015	280-76532-6	AQ	N	METHOD	11/6/2015 9:05:00 AM	S2AVE
TMW24102015	280-76532-8	AQ	N	METHOD	11/6/2015 11:35:00 AM	S2AVE
TMW38102015	280-76532-3	AQ	N	METHOD	11/6/2015 10:00:00 AM	S2AVE



Data Review Sample Summary Report by Analysis Method

Reviewed By:

Approved By:

Laboratory: TESTAME

<i>Client Sample ID</i>	<i>Lab Sample ID</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Preparation Method</i>	<i>Collection Date</i>	<i>Validation Code</i>
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Validation Label Legend

<i>Label Code</i>	<i>Label Description</i>	<i>EPA Level</i>
S1VE	Stage_1_Validation_Electronic	N/A
S1VM	Stage_1_Validation_Manual	N/A
S1VEM	Stage_1_Validation_Electronic_and_Manual	N/A
S2AVE	Stage_2A_Validation_Electronic	Level 3 w/o calibration
S2AVM	Stage_2A_Validation_Manual	Level 3 w/o calibration
S2AVEM	Stage_2A_Validation_Electronic_and_Manual	Level 3 w/o calibration
S2BVE	Stage_2B_Validation_Electronic	Level 3 with calibration
S2BVM	Stage_2B_Validation_Manual	Level 3 with calibration
S2BVEM	Stage_2B_Validation_Electronic_and_Manual	Level 3 with calibration
S3VE	Stage_3_Validation_Electronic	Level 4
S3VM	Stage_3_Validation_Manual	Level 4
S3VEM	Stage_3_Validation_Electronic_and_Manual	Level 4
S4VE	Stage_4_Validation_Electronic	Level 4
S4VM	Stage_4_Validation_Manual	Level 4
S4VEM	Stage_4_Validation_Electronic_and_Manual	Level 4
NV	Not_Validated	N/A



Field QC Assignments and Associated Samples

EDD File Name: 280-76532-1

eQapp Name: FtWingate_Primary_120405

	Associated Samples	Sample Collection Date
Field QC DMW23102015 QC Type: FD	MW23102015	11/6/2015 8:35:00 AM
Field QC DTW15102015 QC Type: FD	TMW15102015	11/6/2015 9:05:00 AM
Field QC TB-16-102015 QC Type: TB	DMW23102015	11/6/2015 8:35:00 AM
	DTW15102015	11/6/2015 9:05:00 AM
	MW23102015	11/6/2015 8:35:00 AM
	TMW15102015	11/6/2015 9:05:00 AM
	TMW24102015	11/6/2015 11:35:00 AM
	TMW38102015	11/6/2015 10:00:00 AM
Field QC TB-17-102015 QC Type: TB	DMW23102015	11/6/2015 8:35:00 AM
	DTW15102015	11/6/2015 9:05:00 AM
	MW23102015	11/6/2015 8:35:00 AM
	TMW15102015	11/6/2015 9:05:00 AM
	TMW24102015	11/6/2015 11:35:00 AM
	TMW38102015	11/6/2015 10:00:00 AM



Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	GENCHEM								
Method:	9056	Matrix: AQ							

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITRITE	0.053	J	0.10	LOD	0.50	LOQ	mg/L	J	RI, Fd

Sample ID: MW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITRITE	0.10	U	0.10	LOD	0.50	LOQ	mg/L	UJ	Fd

Sample ID: TMW38102015 Collected: AM 11/6/2015 10:00:00 Analysis Type: RES/TOT Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITRATE	0.16	J D	0.20	LOD	1.0	LOQ	mg/L	J	RI

Method Category:	METALS								
Method:	6010C	Matrix: AQ							

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	150	U	150	LOD	200	LOQ	ug/L	UJ	Fd
IRON	29	J	50	LOD	100	LOQ	ug/L	J	RI, Fd

Sample ID: DTW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	720	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: DTW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	27	J	50	LOD	100	LOQ	ug/L	J	RI
POTASSIUM	830	J	250	LOD	1000	LOQ	ug/L	J	RI

* denotes a non-reportable result

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6010C	Matrix: AQ							

Sample ID: MW23102015 **Collected:** 11/6/2015 8:35:00 AM **Analysis Type:** RES/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	79	J	150	LOD	200	LOQ	ug/L	J	RI, Fd
IRON	57	J	50	LOD	100	LOQ	ug/L	J	RI, Fd

Sample ID: TMW15102015 **Collected:** 11/6/2015 9:05:00 AM **Analysis Type:** RES/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	720	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: TMW15102015 **Collected:** 11/6/2015 9:05:00 AM **Analysis Type:** RES/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	41	J	50	LOD	100	LOQ	ug/L	J	RI
POTASSIUM	700	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: TMW24102015 **Collected:** 11/6/2015 11:35:00 AM **Analysis Type:** RES/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	49	J	50	LOD	100	LOQ	ug/L	J	RI
POTASSIUM	730	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: TMW38102015 **Collected:** 11/6/2015 10:00:00 AM **Analysis Type:** RES/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	140	J	150	LOD	200	LOQ	ug/L	J	RI

Method Category:	METALS								
Method:	6020A	Matrix: AQ							

Sample ID: DMW23102015 **Collected:** 11/6/2015 8:35:00 AM **Analysis Type:** RE2/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	150		0.95	LOD	3.0	LOQ	ug/L	J	Ms
COPPER	2.0		1.8	LOD	2.0	LOQ	ug/L	J	Fd

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:	AQ						

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.2	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BARIUM	140		0.95	LOD	3.0	LOQ	ug/L	J	Ms
BERYLLIUM	0.10	J	0.30	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	2.9	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
ZINC	2.0	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.3	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BERYLLIUM	0.22	J	0.30	LOD	1.0	LOQ	ug/L	J	RI, Fd
CHROMIUM	1.5	J	1.8	LOD	10	LOQ	ug/L	J	RI
LEAD	0.81	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
NICKEL	2.6	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.10	U	0.10	LOD	5.0	LOQ	ug/L	UJ	Fd
THALLIUM	0.10	J	0.20	LOD	1.0	LOQ	ug/L	J	RI, Fd
VANADIUM	12		2.0	LOD	6.0	LOQ	ug/L	J	Fd
ZINC	4.8	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: DTW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	23		0.95	LOD	3.0	LOQ	ug/L	J	Ms
MANGANESE	1.1	J	0.95	LOD	3.5	LOQ	ug/L	J	RI

Sample ID: DTW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.35	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BARIUM	24		0.95	LOD	3.0	LOQ	ug/L	J	Ms
CHROMIUM	0.89	J	1.8	LOD	10	LOQ	ug/L	J	RI
COPPER	0.80	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
NICKEL	0.46	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	1.5	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	7.7	J	8.0	LOD	20	LOQ	ug/L	J	RI

* denotes a non-reportable result

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:	AQ						

Sample ID: DTW15102015 Collected: 11/6/2015 9:05:00 AM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BERYLLIUM	0.11	J	0.30	LOD	1.0	LOQ	ug/L	J	RI, Fd
CHROMIUM	0.92	J	1.8	LOD	10	LOQ	ug/L	J	RI
NICKEL	0.30	J	1.0	LOD	3.0	LOQ	ug/L	J	RI, Fd
SILVER	0.10	U	0.10	LOD	5.0	LOQ	ug/L	UJ	Fd
VANADIUM	2.2	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	6.9	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: MW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	150	J	0.95	LOD	3.0	LOQ	ug/L	J	Ms
COPPER	0.79	J	1.8	LOD	2.0	LOQ	ug/L	J	RI, Fd

Sample ID: MW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.2	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BARIUM	140	J	0.95	LOD	3.0	LOQ	ug/L	J	Ms
COPPER	1.7	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
LEAD	0.24	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
NICKEL	2.2	J	1.0	LOD	3.0	LOQ	ug/L	J	RI

Sample ID: MW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.1	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BERYLLIUM	0.12	J	0.30	LOD	1.0	LOQ	ug/L	J	RI, Fd
CHROMIUM	0.94	J	1.8	LOD	10	LOQ	ug/L	J	RI
LEAD	0.51	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
NICKEL	2.2	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.068	J	0.10	LOD	5.0	LOQ	ug/L	J	RI, Fd
THALLIUM	0.20	U	0.20	LOD	1.0	LOQ	ug/L	UJ	Fd
VANADIUM	6.1		2.0	LOD	6.0	LOQ	ug/L	J	Fd
ZINC	5.2	J	8.0	LOD	20	LOQ	ug/L	J	RI

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Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:		AQ					

Sample ID: TMW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	24		0.95	LOD	3.0	LOQ	ug/L	J	Ms
MANGANESE	1.5	J	0.95	LOD	3.5	LOQ	ug/L	J	RI

Sample ID: TMW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	24		0.95	LOD	3.0	LOQ	ug/L	J	Ms
CHROMIUM	0.99	J	1.8	LOD	10	LOQ	ug/L	J	RI
COBALT	0.25	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
VANADIUM	1.9	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	6.6	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BERYLLIUM	0.30	U	0.30	LOD	1.0	LOQ	ug/L	UJ	Fd
CHROMIUM	0.89	J	1.8	LOD	10	LOQ	ug/L	J	RI
NICKEL	1.0	U	1.0	LOD	3.0	LOQ	ug/L	UJ	Fd
SILVER	0.051	J	0.10	LOD	5.0	LOQ	ug/L	J	RI, Fd
VANADIUM	1.9	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	7.8	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW24102015 Collected: AM 11/6/2015 11:35:00 Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	43		0.95	LOD	3.0	LOQ	ug/L	J	Ms

Sample ID: TMW24102015 Collected: AM 11/6/2015 11:35:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.1	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BARIUM	39		0.95	LOD	3.0	LOQ	ug/L	J	Ms
COBALT	0.22	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
COPPER	0.71	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
NICKEL	2.1	J	1.0	LOD	3.0	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:	AQ						

Sample ID: TMW24102015 Collected: AM 11/6/2015 11:35:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
VANADIUM	1.9	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	4.8	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW24102015 Collected: AM 11/6/2015 11:35:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.2	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
CHROMIUM	0.78	J	1.8	LOD	10	LOQ	ug/L	J	RI
COBALT	0.29	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
LEAD	0.34	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
NICKEL	1.4	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.13	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
VANADIUM	3.2	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	6.2	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW38102015 Collected: AM 11/6/2015 10:00:00 Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BARIUM	44		0.95	LOD	3.0	LOQ	ug/L	J	Ms

Sample ID: TMW38102015 Collected: AM 11/6/2015 10:00:00 Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.60	J	1.0	LOD	6.0	LOQ	ug/L	J	RI
ARSENIC	0.68	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BARIUM	24		0.95	LOD	3.0	LOQ	ug/L	J	Ms
COBALT	0.14	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	0.92	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.085	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
THALLIUM	0.084	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
VANADIUM	0.84	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	15	J	8.0	LOD	20	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:	AQ						

Sample ID: TMW38102015 Collected: AM 11/6/2015 10:00:00 Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.47	J	1.0	LOD	6.0	LOQ	ug/L	J	RI
ARSENIC	1.3	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
BERYLLIUM	0.20	J	0.30	LOD	1.0	LOQ	ug/L	J	RI
CHROMIUM	3.8	J	1.8	LOD	10	LOQ	ug/L	J	RI
LEAD	2.1	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.15	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
THALLIUM	0.11	J	0.20	LOD	1.0	LOQ	ug/L	J	RI

Method Category:	SVOA								
Method:	6860	Matrix:	AQ						

Sample ID: TMW38102015 Collected: AM 11/6/2015 10:00:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.013	J	0.010	LOD	0.050	LOQ	ug/L	J	RI

Method Category:	SVOA								
Method:	8270D	Matrix:	AQ						

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES-ACID Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BENZOIC ACID	11	J	31	LOD	82	LOQ	ug/L	J	RI

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3,3'-DICHLOROBENZIDINE	4.5	U	4.5	LOD	51	LOQ	ug/L	R	Ms, Ms
3-NITROANILINE	4.5	U	4.5	LOD	51	LOQ	ug/L	UJ	Ms
4-CHLOROANILINE	4.5	U	4.5	LOD	26	LOQ	ug/L	UJ	Ms
4-NITROANILINE	4.5	U	4.5	LOD	51	LOQ	ug/L	UJ	Ms
BENZALDEHYDE	2.1	U	2.1	LOD	10	LOQ	ug/L	UJ	Ms
BENZIDINE	100	U Q	100	LOD	210	LOQ	ug/L	R	Lcs, Ms
BENZYL ALCOHOL	0.32	J	0.51	LOD	26	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	SVOA
Method:	8270D
Matrix:	AQ

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BIS(2-ETHYLHEXYL) PHTHALATE	2.1	U	2.1	LOD	10	LOQ	ug/L	UJ	Fd

Sample ID: DTW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3,3'-DICHLOROBENZIDINE	4.6	U	4.6	LOD	52	LOQ	ug/L	R	Ms, Ms
3-NITROANILINE	4.6	U	4.6	LOD	52	LOQ	ug/L	UJ	Ms
4-CHLOROANILINE	4.6	U	4.6	LOD	26	LOQ	ug/L	UJ	Ms
4-NITROANILINE	4.6	U	4.6	LOD	52	LOQ	ug/L	UJ	Ms
BENZALDEHYDE	2.1	U	2.1	LOD	10	LOQ	ug/L	UJ	Ms
BENZIDINE	100	U Q	100	LOD	210	LOQ	ug/L	R	Lcs, Ms

Sample ID: MW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES-ACID Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BENZOIC ACID	11	J	30	LOD	81	LOQ	ug/L	J	RI

Sample ID: MW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3,3'-DICHLOROBENZIDINE	4.5	U J	4.5	LOD	51	LOQ	ug/L	R	Ms, Ms
3-NITROANILINE	4.5	U J	4.5	LOD	51	LOQ	ug/L	UJ	Ms
4-CHLOROANILINE	4.5	U J	4.5	LOD	25	LOQ	ug/L	UJ	Ms
4-NITROANILINE	4.5	U J	4.5	LOD	51	LOQ	ug/L	UJ	Ms
BENZALDEHYDE	2.0	U	2.0	LOD	10	LOQ	ug/L	UJ	Ms
BENZIDINE	100	U Q J	100	LOD	200	LOQ	ug/L	R	Lcs, Ms
BENZYL ALCOHOL	0.48	J	0.51	LOD	25	LOQ	ug/L	J	RI
BIS(2-ETHYLHEXYL) PHTHALATE	0.63	J	2.0	LOD	10	LOQ	ug/L	J	RI, Fd

Sample ID: TMW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3,3'-DICHLOROBENZIDINE	4.3	U	4.3	LOD	49	LOQ	ug/L	R	Ms, Ms
3-NITROANILINE	4.3	U	4.3	LOD	49	LOQ	ug/L	UJ	Ms
4-CHLOROANILINE	4.3	U	4.3	LOD	25	LOQ	ug/L	UJ	Ms

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	SVOA	
Method:	8270D	Matrix: AQ

Sample ID: TMW15102015 Collected: 11/6/2015 9:05:00 AM Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
4-NITROANILINE	4.3	U	4.3	LOD	49	LOQ	ug/L	UJ	Ms
BENZALDEHYDE	2.0	U	2.0	LOD	9.9	LOQ	ug/L	UJ	Ms
BENZIDINE	99	U Q	99	LOD	200	LOQ	ug/L	R	Lcs, Ms

Sample ID: TMW38102015 Collected: 11/6/2015 10:00:00 AM Analysis Type: RES-ACID Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BENZOIC ACID	11	J	31	LOD	82	LOQ	ug/L	J	RI

Sample ID: TMW38102015 Collected: 11/6/2015 10:00:00 AM Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3,3'-DICHLOROBENZIDINE	4.5	U	4.5	LOD	52	LOQ	ug/L	R	Ms, Ms
3-NITROANILINE	4.5	U	4.5	LOD	52	LOQ	ug/L	UJ	Ms
4-CHLOROANILINE	4.5	U	4.5	LOD	26	LOQ	ug/L	UJ	Ms
4-NITROANILINE	4.5	U	4.5	LOD	52	LOQ	ug/L	UJ	Ms
BENZALDEHYDE	2.1	U	2.1	LOD	10	LOQ	ug/L	UJ	Ms
BENZIDINE	100	U Q	100	LOD	210	LOQ	ug/L	R	Lcs, Ms

Method Category:	SVOA	
Method:	8330B	Matrix: AQ

Sample ID: DMW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RE2 Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3-NITROTOLUENE	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms

Sample ID: DMW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.43	U	0.43	LOD	1.1	LOQ	ug/L	R	Ms, Ms
1,3-DINITROBENZENE	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
2,4,6-TRINITROTOLUENE	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
2-AMINO-4,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
2-NITROTOLUENE	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	SVOA
Method:	8330B
Matrix:	AQ

Sample ID: DMW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
4-AMINO-2,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
4-NITROTOLUENE	0.43	U	0.43	LOD	1.1	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,4-	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,6-	0.22	U	0.22	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
METHYL-2,4,6-TRINITROPHENYLNITRAMINE	0.22	U	0.22	LOD	0.26	LOQ	ug/L	UJ	Ms, Ms
NITROBENZENE	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms

Sample ID: DTW15102015 Collected: 11/6/2015 9:05:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.44	U	0.44	LOD	1.1	LOQ	ug/L	R	Ms, Ms
1,3-DINITROBENZENE	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms
2,4,6-TRINITROTOLUENE	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms
2-AMINO-4,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
2-NITROTOLUENE	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms
3-NITROTOLUENE	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms
4-AMINO-2,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
4-NITROTOLUENE	0.44	U	0.44	LOD	1.1	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,4-	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,6-	0.22	U	0.22	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
METHYL-2,4,6-TRINITROPHENYLNITRAMINE	0.22	U	0.22	LOD	0.27	LOQ	ug/L	UJ	Ms, Ms
NITROBENZENE	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.22	U	0.22	LOD	0.44	LOQ	ug/L	UJ	Ms, Ms

Sample ID: MW23102015 Collected: 11/6/2015 8:35:00 AM Analysis Type: RE2 Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
3-NITROTOLUENE	0.21	U	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	SVOA
Method:	8330B
Matrix:	AQ

Sample ID: MW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.43	U J	0.43	LOD	1.1	LOQ	ug/L	R	Ms, Ms
1,3-DINITROBENZENE	0.21	U J	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
2,4,6-TRINITROTOLUENE	0.21	U J	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
2-AMINO-4,6-DINITROTOLUENE	0.13	U J	0.13	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
2-NITROTOLUENE	0.21	U J	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
4-AMINO-2,6-DINITROTOLUENE	0.13	U J	0.13	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
4-NITROTOLUENE	0.43	U J	0.43	LOD	1.1	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,4-	0.21	U J	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,6-	0.21	U J	0.21	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.13	U J	0.13	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
METHYL-2,4,6-TRINITROPHENYLNITRAMINE	0.21	U J	0.21	LOD	0.26	LOQ	ug/L	UJ	Ms, Ms
NITROBENZENE	0.21	U J	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U J	0.21	LOD	0.43	LOQ	ug/L	UJ	Ms, Ms

Sample ID: TMW15102015 Collected: AM 11/6/2015 9:05:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.45	U	0.45	LOD	1.1	LOQ	ug/L	R	Ms, Ms
1,3-DINITROBENZENE	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
2,4,6-TRINITROTOLUENE	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
2-AMINO-4,6-DINITROTOLUENE	0.14	U	0.14	LOD	0.23	LOQ	ug/L	UJ	Ms, Ms
2-NITROTOLUENE	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
3-NITROTOLUENE	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
4-AMINO-2,6-DINITROTOLUENE	0.14	U	0.14	LOD	0.23	LOQ	ug/L	UJ	Ms, Ms
4-NITROTOLUENE	0.45	U	0.45	LOD	1.1	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,4-	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,6-	0.23	U	0.23	LOD	0.23	LOQ	ug/L	UJ	Ms, Ms
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.14	U	0.14	LOD	0.23	LOQ	ug/L	UJ	Ms, Ms
METHYL-2,4,6-TRINITROPHENYLNITRAMINE	0.23	U	0.23	LOD	0.27	LOQ	ug/L	UJ	Ms, Ms
NITROBENZENE	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.23	U	0.23	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	SVOA	Method:	8330B	Matrix:	AQ
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11/6/2015 11:35:00
Sample ID: TMW24102015 **Collected:** AM **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.45	U	0.45	LOD	1.1	LOQ	ug/L	R	Ms, Ms
1,3-DINITROBENZENE	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
2,4,6-TRINITROTOLUENE	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
2-AMINO-4,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
2-NITROTOLUENE	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
3-NITROTOLUENE	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
4-AMINO-2,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
4-NITROTOLUENE	0.45	U	0.45	LOD	1.1	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,4-	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,6-	0.22	U	0.22	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.13	U	0.13	LOD	0.22	LOQ	ug/L	UJ	Ms, Ms
METHYL-2,4,6-TRINITROPHENYLNITRAMINE	0.22	U	0.22	LOD	0.27	LOQ	ug/L	UJ	Ms, Ms
NITROBENZENE	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.22	U	0.22	LOD	0.45	LOQ	ug/L	UJ	Ms, Ms

11/6/2015 10:00:00
Sample ID: TMW38102015 **Collected:** AM **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.42	U	0.42	LOD	1.0	LOQ	ug/L	R	Ms, Ms
1,3-DINITROBENZENE	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms
2,4,6-TRINITROTOLUENE	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms
2-AMINO-4,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
2-NITROTOLUENE	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms
3-NITROTOLUENE	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms
4-AMINO-2,6-DINITROTOLUENE	0.13	U	0.13	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
4-NITROTOLUENE	0.42	U	0.42	LOD	1.0	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,4-	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms
Dinitrotoluene, 2,6-	0.21	U	0.21	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.13	U	0.13	LOD	0.21	LOQ	ug/L	UJ	Ms, Ms
METHYL-2,4,6-TRINITROPHENYLNITRAMINE	0.21	U	0.21	LOD	0.25	LOQ	ug/L	UJ	Ms, Ms
NITROBENZENE	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U	0.21	LOD	0.42	LOQ	ug/L	UJ	Ms, Ms

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	VOA
Method:	8260B
Matrix:	AQ

Sample ID: DMW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3-TRICHLOROBENZENE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	Fd

Sample ID: MW23102015 Collected: AM 11/6/2015 8:35:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3-TRICHLOROBENZENE	0.23	J	0.80	LOD	1.0	LOQ	ug/L	J	RI, Fd

Sample ID: TMW24102015 Collected: AM 11/6/2015 11:35:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ACETONE	6.2	J	6.4	LOD	10	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76532-1

Laboratory: TESTAME

EDD Filename: Prep280-76532-1

eQAPP Name: FtWingate_Primary_120405

Reason Code Legend

<i>Reason Code</i>	<i>Description</i>
Fd	Field Duplicate Precision
Lcs	Laboratory Control Spike Lower Estimation
Mb	Method Blank Contamination
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
RI	Reporting Limit Trace Value
Surr	Surrogate/Tracer Recovery Lower Estimation

* denotes a non-reportable result

Project Name and Number: 102012 - USACE Project: FWDA 102012 GW

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