

CASE NARRATIVE
Client: Sundance Consulting, Inc.
Project: Fort Wingate, New Mexico
Report Number: 280-76475-1

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.

Sample Receipt

Twelve samples were received on 11/6/2015 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 9 coolers at receipt time were 0.1°C, 1.1°C, 1.2°C, 1.3°C, 1.7°C, 2.1°C, 2.1°C, 3.3°C and 3.4°C.

Two 1L unpreserved amber glass bottles labeled "DMW23102015" were received in a plastic bag marked "NO SHIP" that were not listed on the chain of custody. The client was contacted on 11/6/2015 and instructed the laboratory to not log the containers and dispose.

One of nine coolers was received without tape or custody seals present. It can be noted that it appears the tape and seals were stripped off during transit. The samples within the cooler appeared to be uncompromised and not tampered with. Another one of nine coolers was received with custody seals on the hinge side of the cooler lid with shipping tape in tact. The samples within the cooler appeared to be uncompromised and not tampered with. The client was notified on 11/6/2015.

Please note the Caprolactam data are reported under separate cover (280-76475-2), 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-15-102015 (280-76475-2), TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/17/2015.

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

Surrogates 1,2-Dichloroethane-d4 and/or Dibromofluoromethane were recovered above the QC control limits in samples TMW08102015 (280-76475-6) and BGMW02102015 (280-76475-10). As the samples do not contain any detectable concentrations for constituents associated with these surrogates, corrective action is deemed unnecessary. The associated data have been flagged "Q" in accordance with the DOD QSM.

Methylene Chloride was detected in method blank MB 280-304411/6 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. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

The LCS/LCSD associated with analytical batch 280-304411 exhibited RPD data above the QC control limit for Dichlorodifluoromethane. As the LCS & LCSD percent recoveries were in control and no detectable concentrations are present in the associated samples, corrective action is deemed unnecessary. The associated data have been flagged "Q" in accordance with the DOD QSM.

MS/MSD analyses for analytical batch 280-304411 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 TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/07/2015 and analyzed on 11/17/2015 and 11/18/2015.

Please note the Caprolactam data are reported under separate cover (280-76475-2), 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.

MS/MSD analyses for prep batch 280-303064 were not requested.

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

Gasoline Range Organics - 8015C

Samples TB-14-102015 (280-76475-1) and TMW08102015 (280-76475-6) were analyzed for gasoline range organics (GRO) in accordance with 8015C GRO. The samples were 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.

Diesel Range Organics - 8015C

Sample TMW08102015 (280-76475-6) was analyzed for Diesel Range Organics (DRO) in accordance with 8015C DRO. The sample was prepared on 11/09/2015 and analyzed on 11/19/2015.

The organic extraction analyst noted sample TMW08102015 (280-76475-6) had a density greater than one.

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

MS/MSD analyses for prep batch 280-303258 were not requested.

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

Organochlorine Pesticides - 8081A

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) 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.

Elevated reporting limits are provided for sample TMW32102015 (280-76475-8) due to insufficient sample volume. This sample had less than 80% nominal amount available for extraction.

MS/MSD analyses for prep batch 280-303635 were not requested.

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

Explosives - 8330B

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10), TMW11102015 (280-76475-11) and TMW47102015 (280-76475-12) 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 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 MW24102015 (280-76475-7), BGMW02102015 (280-76475-10) and TMW11102015 (280-76475-11) had visible sediment and were filtered prior to extraction.

The wrong lever was pushed on the re-pipettor and too much acetic acid / ACN was loaded into the cartridge for sample TMW11102015 (280-76475-11). The volume was sent through the cartridge and reduced to the correct amount in the N-evap.

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.

MS/MSD analyses for prep batch 280-303322 were not requested.

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

Perchlorate - 6860

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) were analyzed for Perchlorate in accordance with 6860. The samples were analyzed on 11/22/2015 and 11/25/2015.

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 analytes present above the calibration curve, samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5) and TMW32102015 (280-76475-8) had to be analyzed at dilutions. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

MS/MSD analyses for analytical batches 280-305017 and 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 TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) 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 TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) had to be analyzed at dilutions. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

MS/MSD analyses for prep batch 320-93069 were not requested.

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

Dissolved Metals - 6010C

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10), TMW11102015 (280-76475-11) and TMW47102015 (280-76475-12) 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 TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10), TMW11102015 (280-76475-11) and TMW47102015 (280-76475-12) had to be analyzed at dilutions. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

MS/MSD analyses for prep batch 320-93058 were not requested.

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

Total Metals - 6020A

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) 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.

MS/MSD analyses for prep batch 280-303443 were not requested.

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

Dissolved Metals - 6020A

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10), TMW11102015 (280-76475-11) and TMW47102015 (280-76475-12) 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 and 11/20/2015.

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

The instrument blank for analytical batch 280-304855 contained Silver greater than the LOD and the associated samples were not reanalyzed because they were all less than the LOD.

Barium was detected in method blank MB 280-304375/1-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.

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

Total Mercury - 7470A

Samples TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10) and TMW47102015 (280-76475-12) 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 TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10), TMW11102015 (280-76475-11) and TMW47102015 (280-76475-12) 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 TMW49102015 (280-76475-3), TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), MW24102015 (280-76475-7), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9), BGMW02102015 (280-76475-10), TMW11102015 (280-76475-11) and TMW47102015 (280-76475-12) were analyzed for anions by ion chromatography in accordance with SW 846 9056. The samples were analyzed on 11/06/2015.

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 and/or matrix interference, samples TMW31D102015 (280-76475-4), DTW31D102015 (280-76475-5), TMW08102015 (280-76475-6), TMW32102015 (280-76475-8), BGMW01102015 (280-76475-9) and BGMW02102015 (280-76475-10) 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.



Field QC Assignments and Associated Samples

EDD File Name: 280-76475-1

eQapp Name: FtWingate_Primary_120405

	Associated Samples	Sample Collection Date
Field QC DTW31D102015 QC Type: FD		
	TMW31D102015	11/5/2015 11:25:00 AM
Field QC TB-14-102015 QC Type: TB		
	BGMW01102015	11/5/2015 9:00:00 AM
	BGMW02102015	11/5/2015 10:50:00 AM
	DTW31D102015	11/5/2015 11:25:00 AM
	MW24102015	11/5/2015 11:40:00 AM
	TMW08102015	11/5/2015 1:10:00 PM
	TMW11102015	11/5/2015 12:40:00 PM
	TMW31D102015	11/5/2015 11:25:00 AM
	TMW32102015	11/5/2015 3:00:00 PM
	TMW47102015	11/5/2015 1:40:00 PM
	TMW49102015	11/5/2015 9:10:00 AM
Field QC TB-15-102015 QC Type: TB		
	BGMW01102015	11/5/2015 9:00:00 AM
	BGMW02102015	11/5/2015 10:50:00 AM
	DTW31D102015	11/5/2015 11:25:00 AM
	MW24102015	11/5/2015 11:40:00 AM
	TMW08102015	11/5/2015 1:10:00 PM
	TMW11102015	11/5/2015 12:40:00 PM
	TMW31D102015	11/5/2015 11:25:00 AM
	TMW32102015	11/5/2015 3:00:00 PM
	TMW47102015	11/5/2015 1:40:00 PM
	TMW49102015	11/5/2015 9:10:00 AM



Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	GENCHEM									
Method:	9056	Matrix:		AQ						

Sample ID: TMW08102015 Collected: 11/5/2015 1:10:00 PM Analysis Type: RES/TOT Dilution: 5

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITRITE	0.63	J D	0.50	LOD	2.5	LOQ	mg/L	J	RI

Sample ID: TMW32102015 Collected: 11/5/2015 3:00:00 PM Analysis Type: RES/TOT Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITRITE	0.51	J D	0.20	LOD	1.0	LOQ	mg/L	J	RI

Method Category:	METALS									
Method:	6010C	Matrix:		AQ						

Sample ID: BGMW01102015 Collected: 11/5/2015 9:00:00 AM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	25	J	50	LOD	100	LOQ	ug/L	J	RI
POTASSIUM	670	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: BGMW01102015 Collected: 11/5/2015 9:00:00 AM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	57	J	150	LOD	200	LOQ	ug/L	J	RI
IRON	38	J	50	LOD	100	LOQ	ug/L	J	RI
POTASSIUM	770	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: BGMW02102015 Collected: 11/5/2015 10:50:00 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	930	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: BGMW02102015 Collected: 11/5/2015 10:50:00 AM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	910	J	250	LOD	1000	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

1/27/2016 11:41:17 AM

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category: METALS

Method: 6010C

Matrix: AQ

Sample ID: TMW08102015 **Collected:** 11/5/2015 1:10:00 PM **Analysis Type:** RES/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	77	J	150	LOD	200	LOQ	ug/L	J	RI

Sample ID: TMW11102015 **Collected:** 11/5/2015 12:40:00 PM **Analysis Type:** RES/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	670	J	250	LOD	1000	LOQ	ug/L	J	RI

Sample ID: TMW47102015 **Collected:** 11/5/2015 1:40:00 PM **Analysis Type:** RES/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	20	J	50	LOD	100	LOQ	ug/L	J	RI

Sample ID: TMW49102015 **Collected:** 11/5/2015 9:10:00 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	20	J	50	LOD	100	LOQ	ug/L	J	RI

Method Category: METALS

Method: 6020A

Matrix: AQ

Sample ID: BGMW01102015 **Collected:** 11/5/2015 9:00:00 AM **Analysis Type:** RE2/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.1	J	1.8	LOD	2.0	LOQ	ug/L	J	RI

Sample ID: BGMW01102015 **Collected:** 11/5/2015 9:00:00 AM **Analysis Type:** RES/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.74	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.30	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	1.7	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.055	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
VANADIUM	1.4	J	2.0	LOD	6.0	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

1/27/2016 11:41:17 AM

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS
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Method:	6020A
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Matrix:	AQ
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Sample ID: BGMW01102015	Collected: 11/5/2015 9:00:00 AM	Analysis Type: RES/TOT	Dilution: 1
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Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.79	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
CHROMIUM	1.9	J	1.8	LOD	10	LOQ	ug/L	J	RI
COBALT	0.27	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
LEAD	0.19	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
NICKEL	1.2	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	2.2	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	3.2	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: BGMW02102015	Collected: 11/5/2015 10:50:00 AM	Analysis Type: RE2/TOT	Dilution: 1
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Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.1	J	1.8	LOD	2.0	LOQ	ug/L	J	RI

Sample ID: BGMW02102015	Collected: 11/5/2015 10:50:00 AM	Analysis Type: RES/DIS	Dilution: 1
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Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.92	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COPPER	1.4	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
NICKEL	1.2	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: BGMW02102015	Collected: 11/5/2015 10:50:00 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	0.93	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.10	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	0.81	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.070	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
ZINC	2.5	J	8.0	LOD	20	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:		AQ					

Sample ID: DTW31D102015 Collected: 11/5/2015 11:25:00 AM Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	0.57	J	1.8	LOD	2.0	LOQ	ug/L	J	RI, Fd
MANGANESE	2.8	J	0.95	LOD	3.5	LOQ	ug/L	J	RI

Sample ID: DTW31D102015 Collected: 11/5/2015 11:25:00 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	0.40	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.072	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
COPPER	1.6	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
MANGANESE	2.7	J	0.95	LOD	3.5	LOQ	ug/L	J	RI
NICKEL	1.2	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
ZINC	19	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: DTW31D102015 Collected: 11/5/2015 11:25:00 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	0.40	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.20	U	0.20	LOD	1.0	LOQ	ug/L	UJ	Fd
NICKEL	0.45	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
ZINC	19	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: MW24102015 Collected: 11/5/2015 11:40:00 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	0.78	J	1.0	LOD	5.0	LOQ	ug/L	J	RI

Sample ID: MW24102015 Collected: 11/5/2015 11:40:00 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	0.73	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
CHROMIUM	0.55	J	1.8	LOD	10	LOQ	ug/L	J	RI
COBALT	0.13	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
LEAD	0.26	J	0.70	LOD	3.0	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:		AQ					

Sample ID: MW24102015 Collected: 11/5/2015 11:40:00 AM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NICKEL	1.1	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	1.2	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	2.0	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW08102015 Collected: 11/5/2015 1:10:00 PM Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.5	J	1.8	LOD	2.0	LOQ	ug/L	J	RI

Sample ID: TMW08102015 Collected: 11/5/2015 1:10:00 PM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.47	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.46	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	2.1	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.041	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
VANADIUM	1.3	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	6.3	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW08102015 Collected: 11/5/2015 1:10:00 PM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.61	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.50	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	1.3	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	3.1	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	12	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW11102015 Collected: 11/5/2015 12:40:00 PM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.48	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
CHROMIUM	1.6	J	1.8	LOD	10	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:		AQ					

Sample ID: TMW11102015 11/5/2015 12:40:00 Collected: PM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	0.85	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
NICKEL	1.6	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	3.7	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	2.9	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW31D102015 11/5/2015 11:25:00 Collected: AM Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.8	U	1.8	LOD	2.0	LOQ	ug/L	UJ	Fd
MANGANESE	2.1	J	0.95	LOD	3.5	LOQ	ug/L	J	RI

Sample ID: TMW31D102015 11/5/2015 11:25:00 Collected: 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	0.50	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.065	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
COPPER	1.3	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
MANGANESE	2.4	J	0.95	LOD	3.5	LOQ	ug/L	J	RI
NICKEL	1.4	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SILVER	0.054	J	0.10	LOD	5.0	LOQ	ug/L	J	RI
THALLIUM	0.052	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
ZINC	19	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW31D102015 11/5/2015 11:25:00 Collected: 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	0.52	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.062	J	0.20	LOD	1.0	LOQ	ug/L	J	RI, Fd
NICKEL	0.41	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
ZINC	18	J	8.0	LOD	20	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS									
Method:	6020A			Matrix: AQ						

Sample ID: TMW32102015 Collected: 11/5/2015 3:00:00 PM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.4	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.055	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	0.60	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SELENIUM	3.2	J	2.0	LOD	5.0	LOQ	ug/L	J	RI
VANADIUM	2.4	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	3.5	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW32102015 Collected: 11/5/2015 3:00:00 PM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.42	J	1.0	LOD	6.0	LOQ	ug/L	J	RI
ARSENIC	1.5	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
NICKEL	0.39	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
SELENIUM	3.4	J	2.0	LOD	5.0	LOQ	ug/L	J	RI
VANADIUM	2.3	J	2.0	LOD	6.0	LOQ	ug/L	J	RI
ZINC	3.8	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW47102015 Collected: 11/5/2015 1:40:00 PM Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	0.60	J	1.8	LOD	2.0	LOQ	ug/L	J	RI

Sample ID: TMW47102015 Collected: 11/5/2015 1:40:00 PM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.52	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
COBALT	0.087	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
NICKEL	0.60	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	0.89	J	2.0	LOD	6.0	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:	AQ						

Sample ID: TMW47102015 Collected: 11/5/2015 1:40:00 PM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.68	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
NICKEL	0.33	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
VANADIUM	1.0	J	2.0	LOD	6.0	LOQ	ug/L	J	RI

Sample ID: TMW49102015 Collected: 11/5/2015 9:10:00 AM Analysis Type: RE2/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.093	J	0.10	LOD	5.0	LOQ	ug/L	J	RI

Sample ID: TMW49102015 Collected: 11/5/2015 9:10:00 AM Analysis Type: RE2/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.3	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
MANGANESE	3.2	J	0.95	LOD	3.5	LOQ	ug/L	J	RI

Sample ID: TMW49102015 Collected: 11/5/2015 9:10:00 AM Analysis Type: RES/DIS Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.94	J	1.0	LOD	6.0	LOQ	ug/L	J	RI
ARSENIC	0.62	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
CHROMIUM	0.69	J	1.8	LOD	10	LOQ	ug/L	J	RI
COBALT	0.055	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
COPPER	1.7	J	1.8	LOD	2.0	LOQ	ug/L	J	RI
MANGANESE	0.69	J	0.95	LOD	3.5	LOQ	ug/L	J	RI
NICKEL	0.74	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
THALLIUM	0.084	J	0.20	LOD	1.0	LOQ	ug/L	J	RI
ZINC	8.1	J	8.0	LOD	20	LOQ	ug/L	J	RI

Sample ID: TMW49102015 Collected: 11/5/2015 9:10:00 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	0.56	J	1.0	LOD	5.0	LOQ	ug/L	J	RI
CHROMIUM	0.92	J	1.8	LOD	10	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	METALS								
Method:	6020A	Matrix:	AQ						

Sample ID: TMW49102015 Collected: 11/5/2015 9:10:00 AM Analysis Type: RES/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
LEAD	0.21	J	0.70	LOD	3.0	LOQ	ug/L	J	RI
NICKEL	1.1	J	1.0	LOD	3.0	LOQ	ug/L	J	RI
ZINC	7.8	J	8.0	LOD	20	LOQ	ug/L	J	RI

Method Category:	SVOA								
Method:	6860	Matrix:	AQ						

Sample ID: TMW47102015 Collected: 11/5/2015 1:40:00 PM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.0086	J	0.010	LOD	0.050	LOQ	ug/L	J	RI

Method Category:	SVOA								
Method:	8330B	Matrix:	AQ						

Sample ID: TMW47102015 Collected: 11/5/2015 1:40:00 PM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.37	J M	0.22	LOD	0.43	LOQ	ug/L	J	RI

Method Category:	VOA								
Method:	8260B	Matrix:	AQ						

Sample ID: BGMW01102015 Collected: 11/5/2015 9:00:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID: BGMW02102015 Collected: 11/5/2015 10:50:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	VOA
Method:	8260B
Matrix:	AQ

Sample ID:DTW31D102015		Collected:AM		11/5/2015 11:25:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID:MW24102015		Collected:AM		11/5/2015 11:40:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID:TB-15-102015		Collected:AM		11/5/2015 8:05:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID:TMW08102015		Collected:PM		11/5/2015 1:10:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID:TMW31D102015		Collected:AM		11/5/2015 11:25:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID:TMW32102015		Collected:PM		11/5/2015 3:00:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

Sample ID:TMW47102015		Collected:PM		11/5/2015 1:40:00		Analysis Type:RES		Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CARBON DISULFIDE	1.7	J	1.6	LOD	2.0	LOQ	ug/L	J	RI
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method Category:	VOA	
Method:	8260B	Matrix: AQ

Sample ID: TMW49102015
 Collected: 11/5/2015 9:10:00 AM
 Analysis Type: RES
 Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Lcs

* denotes a non-reportable result



Data Qualifier Summary

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Reason Code Legend

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

* denotes a non-reportable result

Project Name and Number: 102012 - FWDA 102012 GW

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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: 280-76475-1						
Method: 6010C						
BGMW01102015	280-76475-9	AQ	N	3010A	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	3010A	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	3010A	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	3010A	11/5/2015 11:40:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	3010A	11/5/2015 1:10:00 PM	S2AVE
TMW11102015	280-76475-11	AQ	N	3010A	11/5/2015 12:40:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	3010A	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	3010A	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	3010A	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	3010A	11/5/2015 9:10:00 AM	S2AVE
Method: 6020A						
BGMW01102015	280-76475-9	AQ	N	3020A	11/5/2015 9:00:00 AM	S2AVE
BGMW01102015	280-76475-9	AQ	N	3005A	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	3020A	11/5/2015 10:50:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	3005A	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	3020A	11/5/2015 11:25:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	3005A	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	3020A	11/5/2015 11:40:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	3005A	11/5/2015 11:40:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	3020A	11/5/2015 1:10:00 PM	S2AVE
TMW08102015	280-76475-6	AQ	N	3005A	11/5/2015 1:10:00 PM	S2AVE
TMW11102015	280-76475-11	AQ	N	3005A	11/5/2015 12:40:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	3020A	11/5/2015 11:25:00 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						
TMW31D102015	280-76475-4	AQ	N	3005A	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	3020A	11/5/2015 3:00:00 PM	S2AVE
TMW32102015	280-76475-8	AQ	N	3005A	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	3020A	11/5/2015 1:40:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	3005A	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	3005A	11/5/2015 9:10:00 AM	S2AVE
TMW49102015	280-76475-3	AQ	N	3020A	11/5/2015 9:10:00 AM	S2AVE
TMW49102015MS	280-76475-3MS	AQ	MS	3005A	11/5/2015 9:10:00 AM	S2AVE
TMW49102015MSD	280-76475-3MSD	AQ	MSD	3005A	11/5/2015 9:10:00 AM	S2AVE
Method: 6860						
BGMW01102015	280-76475-9	AQ	N	METHOD	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	METHOD	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	METHOD	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	METHOD	11/5/2015 11:40:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	METHOD	11/5/2015 1:10:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	METHOD	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	METHOD	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	METHOD	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	METHOD	11/5/2015 9:10:00 AM	S2AVE
Method: 7470A						
BGMW01102015	280-76475-9	AQ	N	7470A	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	7470A	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	7470A	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	7470A	11/5/2015 11:40:00 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: 7470A						
TMW08102015	280-76475-6	AQ	N	7470A	11/5/2015 1:10:00 PM	S2AVE
TMW11102015	280-76475-11	AQ	N	7470A	11/5/2015 12:40:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	7470A	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	7470A	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	7470A	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	7470A	11/5/2015 9:10:00 AM	S2AVE
TMW49102015MS	280-76475-3MS	AQ	MS	7470A	11/5/2015 9:10:00 AM	S2AVE
TMW49102015MSD	280-76475-3MSD	AQ	MSD	7470A	11/5/2015 9:10:00 AM	S2AVE
Method: 8015C DRO						
TMW08102015	280-76475-6	AQ	N	3510C	11/5/2015 1:10:00 PM	S2AVE
Method: 8015C GRO						
TB-14-102015	280-76475-1	AQ	TB	METHOD	11/5/2015 8:00:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	METHOD	11/5/2015 1:10:00 PM	S2AVE
Method: 8081A						
BGMW01102015	280-76475-9	AQ	N	3510C	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	3510C	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	3510C	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	3510C	11/5/2015 11:40:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	3510C	11/5/2015 1:10:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	3510C	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	3510C	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	3510C	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	3510C	11/5/2015 9:10:00 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: 8260B						
BGMW01102015	280-76475-9	AQ	N	5030	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	5030	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	5030	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	5030	11/5/2015 11:40:00 AM	S2AVE
TB-15-102015	280-76475-2	AQ	TB	5030	11/5/2015 8:05:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	5030	11/5/2015 1:10:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	5030	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	5030	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	5030	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	5030	11/5/2015 9:10:00 AM	S2AVE
Method: 8270D						
BGMW01102015	280-76475-9	AQ	N	3520C	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	3520C	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	3520C	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	3520C	11/5/2015 11:40:00 AM	S2AVE
TMW31D102015	280-76475-4	AQ	N	3520C	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	3520C	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	3520C	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	3520C	11/5/2015 9:10:00 AM	S2AVE
Method: 8330B						
BGMW01102015	280-76475-9	AQ	N	3535	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	3535	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	3535	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	3535	11/5/2015 11:40:00 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: 8330B						
TMW11102015	280-76475-11	AQ	N		3535 11/5/2015 12:40:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N		3535 11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N		3535 11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N		3535 11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N		3535 11/5/2015 9:10:00 AM	S2AVE
Method: 9056						
BGMW01102015	280-76475-9	AQ	N	METHOD	11/5/2015 9:00:00 AM	S2AVE
BGMW02102015	280-76475-10	AQ	N	METHOD	11/5/2015 10:50:00 AM	S2AVE
DTW31D102015	280-76475-5	AQ	FD	METHOD	11/5/2015 11:25:00 AM	S2AVE
MW24102015	280-76475-7	AQ	N	METHOD	11/5/2015 11:40:00 AM	S2AVE
MW24102015DUP	280-76475-7DUP	AQ	DUP	METHOD	11/5/2015 11:40:00 AM	S2AVE
MW24102015MS	280-76475-7MS	AQ	MS	METHOD	11/5/2015 11:40:00 AM	S2AVE
MW24102015MSD	280-76475-7MSD	AQ	MSD	METHOD	11/5/2015 11:40:00 AM	S2AVE
TMW08102015	280-76475-6	AQ	N	METHOD	11/5/2015 1:10:00 PM	S2AVE
TMW11102015	280-76475-11	AQ	N	METHOD	11/5/2015 12:40:00 PM	S2AVE
TMW31D102015	280-76475-4	AQ	N	METHOD	11/5/2015 11:25:00 AM	S2AVE
TMW31D102015DUP	280-76475-4DUP	AQ	DUP	METHOD	11/5/2015 11:25:00 AM	S2AVE
TMW31D102015MS	280-76475-4MS	AQ	MS	METHOD	11/5/2015 11:25:00 AM	S2AVE
TMW31D102015MSD	280-76475-4MSD	AQ	MSD	METHOD	11/5/2015 11:25:00 AM	S2AVE
TMW32102015	280-76475-8	AQ	N	METHOD	11/5/2015 3:00:00 PM	S2AVE
TMW47102015	280-76475-12	AQ	N	METHOD	11/5/2015 1:40:00 PM	S2AVE
TMW49102015	280-76475-3	AQ	N	METHOD	11/5/2015 9:10:00 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



Data Review Summary

Lab Reporting Batch ID: 280-76475-1
 EDD Filename: 280-76475-1

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	A
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: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 6010C**Matrix: AQ**

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW31D102015 (DIS)	DTW31D102015 (DIS)			
CALCIUM	66000	69000	4	50.00	No Qualifiers Applied
MAGNESIUM	11000	12000	9	50.00	
POTASSIUM	1600	1700	6	50.00	
SODIUM	550000	540000	2	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW31D102015 (TOT)	DTW31D102015 (TOT)			
CALCIUM	62000	66000	6	50.00	No Qualifiers Applied
MAGNESIUM	11000	11000	0	50.00	
POTASSIUM	1600	1600	0	50.00	
SODIUM	530000	550000	4	50.00	

Method: 6020A**Matrix: AQ**

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW31D102015 (DIS)	DTW31D102015 (DIS)			
ARSENIC	0.50	0.40	22	50.00	No Qualifiers Applied
BARIUM	10	10	0	50.00	
COBALT	0.065	0.072	10	50.00	
COPPER	1.3	1.6	21	50.00	
MANGANESE	2.4	2.7	12	50.00	
NICKEL	1.4	1.2	15	50.00	
SELENIUM	7.5	7.6	1	50.00	
SILVER	0.054	5.0 U	200	50.00	
THALLIUM	0.052	1.0 U	200	50.00	
VANADIUM	7.0	7.1	1	50.00	
ZINC	19	19	0	50.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW31D102015 (TOT)	DTW31D102015 (TOT)			
ARSENIC	0.52	0.40	26	50.00	No Qualifiers Applied
BARIUM	9.0	8.3	8	50.00	
MANGANESE	2.1	2.8	29	50.00	
NICKEL	0.41	0.45	9	50.00	
SELENIUM	7.3	7.2	1	50.00	
VANADIUM	6.3	6.6	5	50.00	
ZINC	18	19	5	50.00	
COBALT	0.062	1.0 U	200	50.00	J(all detects)
COPPER	2.0 U	0.57	200	50.00	UJ(all non-detects)

Method: 6860**Matrix: AQ**

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW31D102015	DTW31D102015			
PERCHLORATE	1200	1500	22	50.00	No Qualifiers Applied

Project Name and Number: 102012 - FWDA 102012 GW

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Field Duplicate RPD Report

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 9056**Matrix:** AQ

<i>Analyte</i>	<i>Concentration (mg/L)</i>		<i>Sample RPD</i>	<i>eQAPP RPD</i>	<i>Flag</i>
	TMW31D102015	DTW31D102015			
NITRATE	14	14	0	50.00	No Qualifiers Applied

Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 8260B**Matrix:** AQ

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
LCSD 280-304411/5 (BGMW01102015 BGMW02102015 DTW31D102015 MW24102015 TB-15-102015 TMW08102015 TMW31D102015 TMW32102015 TMW47102015 TMW49102015)	DICHLORODIFLUOROMETHANE	-	-	30.00-155.00	32 (30.00)	DICHLORODIFLUOROMETHANE	J (all detects) UJ (all non-detects)

Method Blank Outlier Report

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 6020A				
Matrix: AQ				
Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
MB 280-304375/1-A	11/18/2015 10:33:00 PM	BARIUM	0.549 ug/L	BGMW01102015 BGMW02102015 DTW31D102015 MW24102015 TMW08102015 TMW11102015 TMW31D102015 TMW32102015 TMW47102015 TMW49102015

Method: 8260B				
Matrix: AQ				
Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
MB 280-304411/6	11/17/2015 9:48:00 AM	METHYLENE CHLORIDE	0.415 ug/L	BGMW01102015 BGMW02102015 DTW31D102015 MW24102015 TB-15-102015 TMW08102015 TMW31D102015 TMW32102015 TMW47102015 TMW49102015

Project Name and Number: 102012 - FWDA 102012 GW

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Reporting Limit Outliers

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 6010C**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
BGMW01102015	ALUMINUM	J	57	200	LOQ	ug/L	J (all detects)
	IRON	J	25	100	LOQ	ug/L	
	POTASSIUM	J	670	1000	LOQ	ug/L	
BGMW02102015	POTASSIUM	J	930	1000	LOQ	ug/L	J (all detects)
TMW08102015	ALUMINUM	J	77	200	LOQ	ug/L	J (all detects)
TMW11102015	POTASSIUM	J	670	1000	LOQ	ug/L	J (all detects)
TMW47102015	IRON	J	20	100	LOQ	ug/L	J (all detects)
TMW49102015	IRON	J	20	100	LOQ	ug/L	J (all detects)

Method: 6020A**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
BGMW01102015	ARSENIC	J	0.74	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	1.9	10	LOQ	ug/L	
	COBALT	J	0.30	1.0	LOQ	ug/L	
	COPPER	J	1.1	2.0	LOQ	ug/L	
	LEAD	J	0.19	3.0	LOQ	ug/L	
	NICKEL	J	1.7	3.0	LOQ	ug/L	
	SILVER	J	0.055	5.0	LOQ	ug/L	
	VANADIUM	J	1.4	6.0	LOQ	ug/L	
	ZINC	J	3.2	20	LOQ	ug/L	
BGMW02102015	ARSENIC	J	0.92	5.0	LOQ	ug/L	J (all detects)
	COBALT	J	0.10	1.0	LOQ	ug/L	
	COPPER	J	1.1	2.0	LOQ	ug/L	
	NICKEL	J	1.2	3.0	LOQ	ug/L	
	SILVER	J	0.070	5.0	LOQ	ug/L	
	ZINC	J	2.0	20	LOQ	ug/L	
DTW31D102015	ARSENIC	J	0.40	5.0	LOQ	ug/L	J (all detects)
	COBALT	J	0.072	1.0	LOQ	ug/L	
	COPPER	J	0.57	2.0	LOQ	ug/L	
	MANGANESE	J	2.8	3.5	LOQ	ug/L	
	NICKEL	J	1.2	3.0	LOQ	ug/L	
	ZINC	J	19	20	LOQ	ug/L	
MW24102015	ARSENIC	J	0.78	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.55	10	LOQ	ug/L	
	COBALT	J	0.13	1.0	LOQ	ug/L	
	LEAD	J	0.26	3.0	LOQ	ug/L	
	NICKEL	J	1.1	3.0	LOQ	ug/L	
	VANADIUM	J	1.2	6.0	LOQ	ug/L	
	ZINC	J	2.0	20	LOQ	ug/L	
TMW08102015	ARSENIC	J	0.47	5.0	LOQ	ug/L	J (all detects)
	COBALT	J	0.46	1.0	LOQ	ug/L	
	COPPER	J	1.5	2.0	LOQ	ug/L	
	NICKEL	J	2.1	3.0	LOQ	ug/L	
	SILVER	J	0.041	5.0	LOQ	ug/L	
	VANADIUM	J	1.3	6.0	LOQ	ug/L	
	ZINC	J	6.3	20	LOQ	ug/L	

Project Name and Number: 102012 - FWDA 102012 GW

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Reporting Limit Outliers

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 6020A
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag	
TMW11102015	ARSENIC	J	0.48	5.0	LOQ	ug/L	J (all detects)	
	CHROMIUM	J	1.6	10	LOQ	ug/L		
	COPPER	J	0.85	2.0	LOQ	ug/L		
	NICKEL	J	1.6	3.0	LOQ	ug/L		
	VANADIUM	J	3.7	6.0	LOQ	ug/L		
	ZINC	J	2.9	20	LOQ	ug/L		
TMW31D102015	ARSENIC	J	0.50	5.0	LOQ	ug/L	J (all detects)	
	COBALT	J	0.065	1.0	LOQ	ug/L		
	COPPER	J	1.3	2.0	LOQ	ug/L		
	MANGANESE	J	2.1	3.5	LOQ	ug/L		
	NICKEL	J	1.4	3.0	LOQ	ug/L		
	SILVER	J	0.054	5.0	LOQ	ug/L		
	THALLIUM	J	0.052	1.0	LOQ	ug/L		
	ZINC	J	19	20	LOQ	ug/L		
TMW32102015	ANTIMONY	J	0.42	6.0	LOQ	ug/L	J (all detects)	
	ARSENIC	J	1.4	5.0	LOQ	ug/L		
	COBALT	J	0.055	1.0	LOQ	ug/L		
	NICKEL	J	0.60	3.0	LOQ	ug/L		
	SELENIUM	J	3.2	5.0	LOQ	ug/L		
	VANADIUM	J	2.4	6.0	LOQ	ug/L		
	ZINC	J	3.5	20	LOQ	ug/L		
TMW47102015	ARSENIC	J	0.52	5.0	LOQ	ug/L	J (all detects)	
	COBALT	J	0.087	1.0	LOQ	ug/L		
	COPPER	J	0.60	2.0	LOQ	ug/L		
	NICKEL	J	0.60	3.0	LOQ	ug/L		
	VANADIUM	J	0.89	6.0	LOQ	ug/L		
TMW49102015	ANTIMONY	J	0.94	6.0	LOQ	ug/L	J (all detects)	
	ARSENIC	J	0.62	5.0	LOQ	ug/L		
	CHROMIUM	J	0.69	10	LOQ	ug/L		
	COBALT	J	0.055	1.0	LOQ	ug/L		
	COPPER	J	1.3	2.0	LOQ	ug/L		
	LEAD	J	0.21	3.0	LOQ	ug/L		
	MANGANESE	J	3.2	3.5	LOQ	ug/L		
	NICKEL	J	0.74	3.0	LOQ	ug/L		
	SILVER	J	0.093	5.0	LOQ	ug/L		
	THALLIUM	J	0.084	1.0	LOQ	ug/L		
	ZINC	J	8.1	20	LOQ	ug/L		

Method: 6860
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW47102015	PERCHLORATE	J	0.0086	0.050	LOQ	ug/L	J (all detects)

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Reporting Limit Outliers

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 8260B**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW47102015	CARBON DISULFIDE	J	1.7	2.0	LOQ	ug/L	J (all detects)

Method: 8330B**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW47102015	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	J M	0.37	0.43	LOQ	ug/L	J (all detects)

Method: 9056**Matrix:** AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW08102015	NITRITE	J D	0.63	2.5	LOQ	mg/L	J (all detects)
TMW32102015	NITRITE	J D	0.51	1.0	LOQ	mg/L	J (all detects)

Surrogate Outlier Report

Lab Reporting Batch ID: 280-76475-1

Laboratory: TESTAME

EDD Filename: 280-76475-1

eQAPP Name: FtWingate_Primary_120405

Method: 8260B**Matrix:** AQ

<i>Sample ID (Analysis Type)</i>	<i>Surrogate</i>	<i>Sample % Recovery</i>	<i>% Recovery Limits</i>	<i>Affected Compounds</i>	<i>Flag</i>
BGMW02102015	1,2-DICHLOROETHANE-D4 DIBROMOFLUOROMETHANE	121 122	70.00-120.00 85.00-115.00	All Target Analytes	J (all detects)
TMW08102015	DIBROMOFLUOROMETHANE	120	85.00-115.00	All Target Analytes	J(all detects)

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