



Pasco County Utilities Services Branch
Environmental Laboratory
8864 Government Dr.
New Port Richey, FL 34654

Phone: (727) 847-8902

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DHRS No: E44123

16 December 2020

Waste Management Section
Florida Department of
Environmental Protection
13051 N. Telecom Pkwy.
Temple Terrace, FL 33637

RE: Pasco County Resource Recovery
WACs FAC ID: 45799
Semester II, 2020

To Whom It May Concern:

This submittal is for the Semester II, 2020 groundwater monitoring at the Pasco County Resource Recovery site which includes the West Pasco Class I and Class III landfills. Included in this submittal are the following:

1. Case Narrative.
2. Ground Water Monitoring Report Certification.
3. Summary of Exceeded Analytes.
4. Water Level Table.
5. Groundwater Contour Maps.
6. Groundwater Analytical Reports
7. Groundwater Field Reports
8. Laboratory and Field EDDs
9. Laboratory error logs
10. Export Document

If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Charles Cullen, PI Engineering Director
Justin Roessler, Solid Waste Assistant Director

UTILITIES ENVIRONMENTAL LABORATORY

727-847-8902 | West Pasco Government Center | 8864 Government Dr. | New Port Richey, FL 34654



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C.

Form Title: Water Quality Monitoring Certification

Effective Date: January 6, 2010

Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

- (1) Facility Name PASCO COUNTY RESOURCE RECOVERY
Address 14230 HAYS RD.
City SPRING HILL Zip 34610 County PASCO
Telephone Number (727) 856-0119
- (2) WACS Facility ID 45799
- (3) DEP Permit Number _____
- (4) Authorized Representative's Name Candia E. Mulhern Title Laboratory Manager
Address 8864 Government Dr.
City New Port Richey Zip 34654 County PASCO
Telephone Number (727) 847-8902
Email address (if available) cmulhern@pascocountyfl.net

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

16 December 2020
(Date)

Candia E. Mulhern

Digitally signed by Candia E. Mulhern
Date: 2020.12.16 10:17:12 -05'00'

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

- Sampling Organization Pasco County Utilities Environmental Laboratory
- Analytical Lab NELAC / HRS Certification # E44123
- Lab Name Pasco County Utilities Environmental Laboratory
- Address 8864 Government Dr.
- Phone Number (727) 847-8902
- Email address (if available) cchildress@pascocountyfl.net

16 December 2020

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Environmental Laboratory
8864 Government Dr.
New Port Richey, FL 34654

Office (727) 847-8902
Fax (727) 847-8112

DHRS #E44123

Case Narrative

**CLIENT: Pasco County Solid Waste
Pasco County Resource Recovery
Facility #: 45799
Date Sampled: 07 October 2020**

I. SAMPLING

Laboratory field staff began sampling the groundwater monitoring wells at the Pasco County Resource Recovery Facility on October 7th, 2020. Many of the surficial wells were dry. Otherwise, no unusual environmental conditions were noted during this sampling period.

II. SAMPLE RECEIVING/CUSTODY

The samples were delivered by laboratory field personnel to the Pasco County Environmental Laboratory, received on wet ice, and the temperature of the samples maintained at $\leq 6^{\circ}\text{C}$. Samples were processed by the Sample Custody section of the laboratory. Nitrate and nitrite samples were retained at the Pasco County Environmental Laboratory for analysis. The remaining samples, were shipped to Eurofins Test America for analyses. There were no significant logistics or quality problems unless noted below.

III. ANALYTICAL DATA

The samples were analyzed by Eurofins Test America Laboratory, a TNI certified laboratory. Nitrate was determined at the Pasco County Environmental Laboratory. As the first set of samples were not processed within the appropriate hold time the wells were resampled in December of 2020 and analyzed within the appropriate time window. The resampled results will be uploaded to WACS within the next seven (7) days.

IV. QUALITY CONTROL

There were no significant quality control problems unless noted in the attached QC reports. The stabilization parameters and sampling logs have been updated to ensure that the appropriate information is included in the logs.

V. CONCLUSIONS AND RECOMMENDATIONS

Groundwater quality remains consistent in the wells sampled during this reporting period. No elevated concentrations of chlorides, ammonia, or other sentinel indicators of leachate were observed in the downgradient monitoring wells. Any elevated concentrations of monitoring parameters were limited to Iron, DO and pH, with iron being slightly (340 ug/L) elevated above its GCTL in 4MW-22. This is consistent with historic data for the site and the larger region as a whole; both up and downgradient wells have observed slightly elevated concentrations of iron periodically. The long term groundwater quality at the site has not indicated the presence of any issues.

Candia E. Mulhern

Laboratory Manager
cmulhern@pascocountyfl.net



**PASCO COUNTY RESOURCE RECOVERY
EXCEEDED ANALYTES
Semester II, 2020**

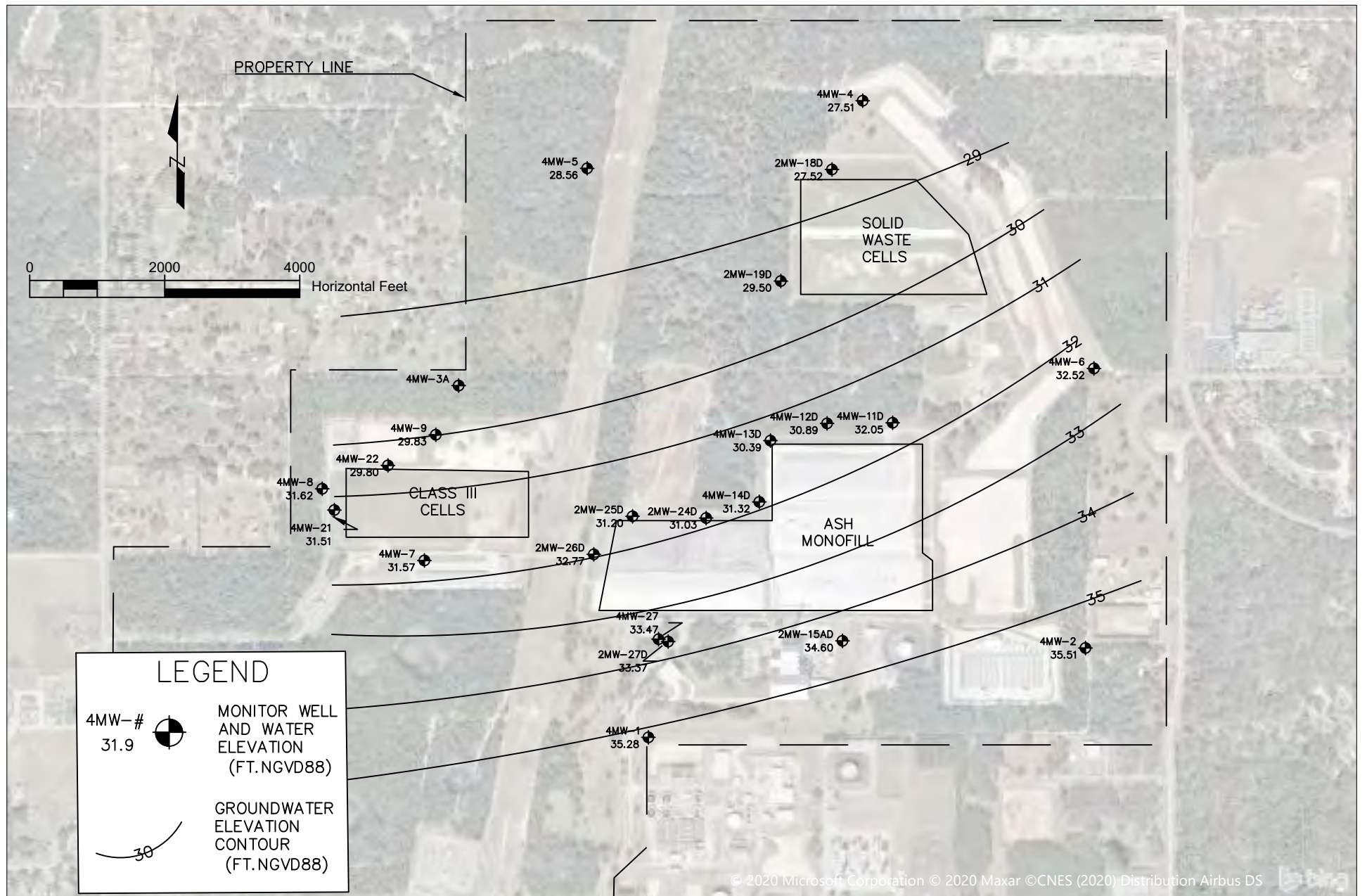
WELL #	SAMPLE DATE	ANALYTE	RESULT	UNITS	REANALYZED	RESULT	UNITS
2MW-26D	13-Oct-20	DO	5.32	mg/L	No	---	---
4MW-6	23-Oct-20	DO	5.29	mg/L	No	---	---
4MW-22	7-Oct-20	Iron	340	ug/L	No	---	---
		DO	5.86	mg/L	No	---	---
		pH	5.26	std units	No	---	---

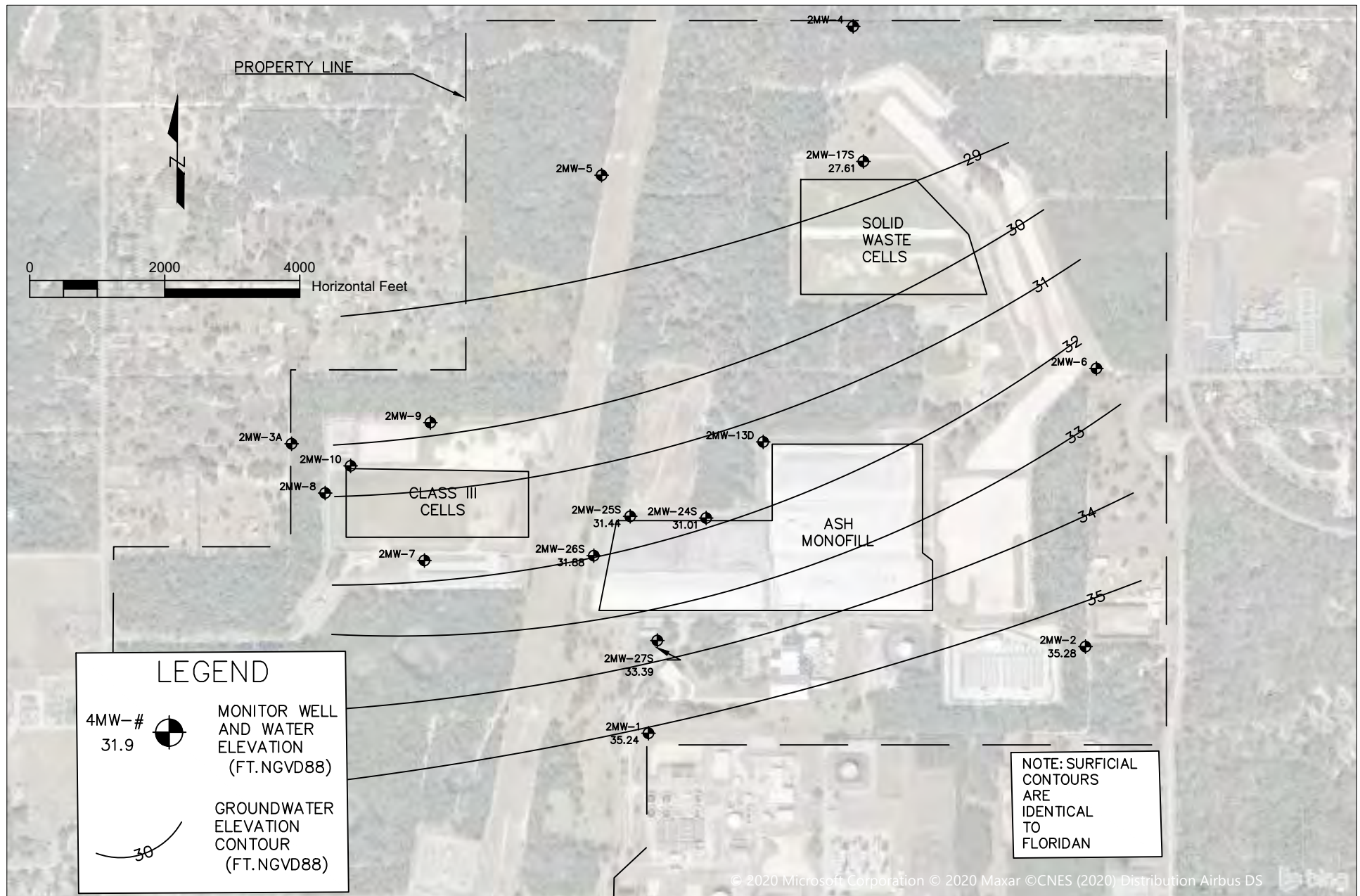
RESOURCE RECOVERY

WATER LEVEL 2020 SEMIANNUAL QTR IV

WELL I.D.	DATE DAY- MONTH	SAMPLE TIME 24hr.	T.O.P. ELEVAT TION	STATIC H2O LEVEL	N.G.V.D.	WELL I.D.	DATE DAY- MONTH	SAMPLE TIME 24hr.	T.O.P. ELEVAT ION	STATIC H2O LEVEL	N.G.V.D.
2MW1	6-Oct	1240	49.95	14.71	35.24	2MW-13D	6-Oct	0806	52.39	DRY	DRY
4MW1	6-Oct	1241	50.34	15.06	35.28	4MW-13D	6-Oct	0808	54.04	23.65	30.39
2MW2	6-Oct	1250	56.41	20.40	36.01	4MW-14D	6-Oct	0810	52.00	20.68	31.32
4MW2	6-Oct	1255	56.11	20.60	35.51	2MW-15DA	6-Oct	1031	54.71	20.10	34.60
2MW3A	6-Oct	1305	50.01	DRY	DRY	2MW-17S	6-Oct	1040	53.42	25.81	27.61
4MW3A	6-Oct	1307	52.92	23.72	29.20	2MW-18D	6-Oct	1042	52.75	25.23	27.52
2MW4	6-Oct	1050	54.77	DRY	DRY	2MW-19D	6-Oct	1045	52.25	23.75	28.50
4MW4	6-Oct	1053	50.81	23.30	27.51	4MW 21	6-Oct	1014	51.46	19.95	31.51
2MW5	6-Oct	1058	49.17	DRY	DRY	4MW 22	6-Oct	1000	53.44	23.60	29.80
4MW5	6-Oct	1102	49.06	20.50	28.56	2MW-24S	6-Oct	0815	50.37	19.36	31.01
2MW6	6-Oct	1110	56.11	DRY	DRY	2MW-24D	6-Oct	0817	50.55	19.52	31.03
4MW6	6-Oct	1111	55.95	23.43	32.52	2MW-25S	6-Oct	0825	47.84	16.40	31.44
2MW7	6-Oct	840	52.75	DRY	DRY	2MW-25D	6-Oct	0827	47.87	16.67	31.20
4MW7	6-Oct	0843	52.62	21.05	31.57	2MW-26S	6-Oct	0831	54.16	22.28	31.88
2MW8	6-Oct	1008	51.97	DRY	DRY	2MW-26D	6-Oct	0835	54.13	21.36	32.77
4MW8	6-Oct	1010	51.87	20.25	31.62	2MW-27S	6-Oct	1018	50.44	17.05	33.39
2MW9	6-Oct	0945	52.29	DRY	DRY	2MW-27D	6-Oct	1020	50.32	16.95	33.37
4MW9	6-Oct	0950	52.78	22.95	29.83	4MW-27	6-Oct	1022	49.60	16.13	33.47
2MW10	6-Oct	1005	52.63	DRY	DRY	4MW-27D	6-Oct	1025	49.28	15.86	33.42
4MW-11D	6-Oct	0800	65.00	32.95	32.05	4MW-23	6-Oct	0850	53.69	25.50	28.19
4MW-12D	6-Oct	0804	55.03	24.14	30.89						

NOTES:





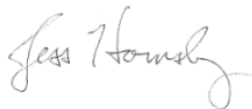
ANALYTICAL REPORT

Eurofins TestAmerica, Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

Laboratory Job ID: 660-104959-1
Client Project/Site: Resource Recovery

For:
Pasco Co Board of Commissioners
8864 Government Dr
New Port Richey, Florida 34654

Attn: Candia E Mulhern



Authorized for release by:
11/12/2020 4:50:57 PM

Jess Hornsby, Project Manager II
(813)280-8340
Jess.Hornsby@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Sample Summary	3
Detection Summary	4
Case Narrative	11
Definitions/Glossary	12
Client Sample Results	14
QC Sample Results	62
QC Association Summary	142
Lab Chronicle	161
Method Summary	171
Certification Summary	172
Chain of Custody	173
Receipt Checklists	194



Sample Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
660-104959-1	AD 00492	Water	10/07/20 10:14	10/08/20 11:02	
660-104959-2	AD 00493	Water	10/07/20 11:08	10/08/20 11:02	
660-105034-1	4MW23	Water	10/08/20 09:18	10/13/20 11:30	
660-105034-2	4MW21	Water	10/08/20 10:30	10/13/20 11:30	
660-105034-3	4MW8	Water	10/08/20 14:00	10/13/20 11:30	
660-105043-1	4MW-7	Water	10/09/20 10:20	10/13/20 11:30	
660-105045-1	4MW-5	Water	10/12/20 12:46	10/13/20 11:30	
660-105142-1	4MW-1	Water	10/13/20 11:47	10/15/20 09:30	
660-105142-2	2MW26D	Water	10/13/20 14:12	10/15/20 09:30	
660-105143-1	4MW2	Water	10/14/20 11:38	10/15/20 09:30	
660-105143-2	2MW27D	Water	10/14/20 13:48	10/15/20 09:30	
660-105211-1	4MW-27	Water	10/16/20 11:32	10/20/20 10:47	
660-105211-2	2MW15DA	Water	10/16/20 13:23	10/20/20 10:47	
660-105214-1	2MW19D	Water	10/19/20 10:27	10/20/20 10:47	
660-105214-2	2MW18D	Water	10/19/20 11:18	10/20/20 10:47	
660-105215-1	4MW4	Water	10/15/20 10:14	10/20/20 10:47	
660-105215-2	4MW11D	Water	10/15/20 14:02	10/20/20 10:47	
660-105348-1	4MW6	Water	10/23/20 13:02	10/27/20 10:05	
660-105349-1	4MW14D	Water	10/22/20 10:02	10/27/20 10:05	
660-105349-2	4MW12D	Water	10/22/20 11:17	10/27/20 10:05	
660-105480-1	4MW3A	Water	10/27/20 10:44	10/29/20 10:10	
660-105480-2	2MW24S	Water	10/27/20 14:56	10/29/20 10:10	
660-105566-1	4MW27D	Water	10/29/20 14:02	11/03/20 11:09	
660-105567-1	2MW-24D	Water	10/30/20 09:27	11/03/20 11:09	

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: AD 00492

Lab Sample ID: 660-104959-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	10000		1000	120	ug/L	1		6010D	Total Recoverable
Barium	9.2	I	10	0.40	ug/L	1		6010D	Total Recoverable
Silver	2.3	I	10	1.5	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.27		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	220		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AD 00493

Lab Sample ID: 660-104959-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.9		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	340		200	25	ug/L	1		6010D	Total Recoverable
Sodium	5200		1000	120	ug/L	1		6010D	Total Recoverable
Barium	10		10	0.40	ug/L	1		6010D	Total Recoverable
Cadmium	0.96	I	4.0	0.46	ug/L	1		6010D	Total Recoverable
Chromium	2.3	I	10	1.1	ug/L	1		6010D	Total Recoverable
Cobalt	1.3	I	10	1.0	ug/L	1		6010D	Total Recoverable
Lead	2.1	I	10	2.0	ug/L	1		6010D	Total Recoverable
Nickel	2.6	I	8.0	0.81	ug/L	1		6010D	Total Recoverable
Silver	1.7	I	10	1.5	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	3.7		0.15	0.050	mg/L	10		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	60		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW23

Lab Sample ID: 660-105034-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	62		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	530		200	25	ug/L	1		6010D	Total Recoverable
Arsenic	2.0	I	10	1.9	ug/L	1		6010D	Total Recoverable
Sodium	25000		1000	120	ug/L	1		6010D	Total Recoverable
Barium	9.8	I	10	0.40	ug/L	1		6010D	Total Recoverable
Nickel	1.1	I	8.0	0.81	ug/L	1		6010D	Total Recoverable
Total Dissolved Solids	290		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW21

Lab Sample ID: 660-105034-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	17		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	42	I	200	25	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW21 (Continued)

Lab Sample ID: 660-105034-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	7000		1000	120	ug/L	1		6010D	Total Recoverable
Barium	12		10	0.40	ug/L	1		6010D	Total Recoverable
Cadmium	0.64	I	4.0	0.46	ug/L	1		6010D	Total Recoverable
Zinc	6.8	I	20	5.0	ug/L	1		6010D	Total Recoverable
Total Dissolved Solids	230		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW8

Lab Sample ID: 660-105034-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	4500		1000	120	ug/L	1		6010D	Total Recoverable
Barium	7.5	I	10	0.40	ug/L	1		6010D	Total Recoverable
Total Dissolved Solids	180		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW-7

Lab Sample ID: 660-105043-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	4900		1000	120	ug/L	1		6010D	Total Recoverable
Barium	8.9	I	10	0.40	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.013	I	0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	170		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW-5

Lab Sample ID: 660-105045-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	52		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	26000		1000	120	ug/L	1		6010D	Total Recoverable
Barium	11		10	0.40	ug/L	1		6010D	Total Recoverable
Cadmium	1.4	I	4.0	0.46	ug/L	1		6010D	Total Recoverable
Nickel	0.91	I	8.0	0.81	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.013	I	0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	330		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW-1

Lab Sample ID: 660-105142-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	96		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	58000		1000	480	ug/L	1		6010D	Total Recoverable
Barium	25		10	1.7	ug/L	1		6010D	Total Recoverable
Beryllium	0.12	I V	4.0	0.10	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-1 (Continued)

Lab Sample ID: 660-105142-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	4.8	I	40	2.1	ug/L	1		6010D	Total
Vanadium	2.5	I	10	1.0	ug/L	1		6010D	Recoverable
Nitrate Nitrite as N	0.015		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	400		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 2MW26D

Lab Sample ID: 660-105142-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	54		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	25000		1000	480	ug/L	1		6010D	Total
Barium	11		10	1.7	ug/L	1		6010D	Recoverable
Beryllium	0.11	I V	4.0	0.10	ug/L	1		6010D	Total
Vanadium	1.6	I	10	1.0	ug/L	1		6010D	Recoverable
Nitrate Nitrite as N	0.039		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	250		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW2

Lab Sample ID: 660-105143-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.7		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	2600	V	1000	480	ug/L	1		6010D	Total
Barium	5.7	I	10	1.7	ug/L	1		6010D	Recoverable
Beryllium	0.12	I V	4.0	0.10	ug/L	1		6010D	Total
Nickel	2.4	I	40	2.1	ug/L	1		6010D	Recoverable
Vanadium	6.1	I	10	1.0	ug/L	1		6010D	Total
Total Dissolved Solids	90		20	20	mg/L	1		SM 2540C	Recoverable

Client Sample ID: 2MW27D

Lab Sample ID: 660-105143-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	89		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	160		50	17	ug/L	1		6010D	Total
Sodium	41000		1000	480	ug/L	1		6010D	Recoverable
Barium	21		10	1.7	ug/L	1		6010D	Total
Beryllium	0.12	I V	4.0	0.10	ug/L	1		6010D	Recoverable
Chromium	1.6	I	10	1.6	ug/L	1		6010D	Total
Nickel	5.9	I	40	2.1	ug/L	1		6010D	Recoverable
Vanadium	3.1	I	10	1.0	ug/L	1		6010D	Total
Nitrate Nitrite as N	0.032		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW27D (Continued)

Lab Sample ID: 660-105143-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	340		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW-27

Lab Sample ID: 660-105211-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	77		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	110		50	17	ug/L	1		6010D	Total Recoverable
Sodium	34000		1000	480	ug/L	1		6010D	Total Recoverable
Barium	13		10	1.7	ug/L	1		6010D	Total Recoverable
Lead	4.3	I	10	3.9	ug/L	1		6010D	Total Recoverable
Nickel	2.8	I	40	2.1	ug/L	1		6010D	Total Recoverable
Vanadium	12		10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.0071	I	0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	310		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 2MW15DA

Lab Sample ID: 660-105211-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.8		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	38	I	50	17	ug/L	1		6010D	Total Recoverable
Sodium	3600		1000	480	ug/L	1		6010D	Total Recoverable
Barium	5.9	I	10	1.7	ug/L	1		6010D	Total Recoverable
Lead	5.1	I	10	3.9	ug/L	1		6010D	Total Recoverable
Vanadium	2.8	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.043	I	0.075	0.025	mg/L	5		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	140		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 2MW19D

Lab Sample ID: 660-105214-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	17		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	36	I	50	17	ug/L	1		6010D	Total Recoverable
Sodium	6700		1000	480	ug/L	1		6010D	Total Recoverable
Barium	3.8	I	10	1.7	ug/L	1		6010D	Total Recoverable
Vanadium	3.0	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.016		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	220		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 2MW18D

Lab Sample ID: 660-105214-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.7	I	20	3.0	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW18D (Continued)

Lab Sample ID: 660-105214-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	30	I	50	17	ug/L	1		6010D	Total Recoverable
Sodium	8400		1000	480	ug/L	1		6010D	Total Recoverable
Barium	3.7	I	10	1.7	ug/L	1		6010D	Total Recoverable
Vanadium	2.9	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.0088	I	0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	240		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW4

Lab Sample ID: 660-105215-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	18		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	27	I	50	17	ug/L	1		6010D	Total Recoverable
Sodium	6000		1000	480	ug/L	1		6010D	Total Recoverable
Barium	3.8	I	10	1.7	ug/L	1		6010D	Total Recoverable
Vanadium	3.8	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.0084	I	0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	230		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW11D

Lab Sample ID: 660-105215-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	46	I	50	17	ug/L	1		6010D	Total Recoverable
Sodium	6700		1000	480	ug/L	1		6010D	Total Recoverable
Barium	3.5	I	10	1.7	ug/L	1		6010D	Total Recoverable
Vanadium	2.2	I	10	1.0	ug/L	1		6010D	Total Recoverable
Total Dissolved Solids	190		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW6

Lab Sample ID: 660-105348-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.0		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	25	I V	50	17	ug/L	1		6010D	Total Recoverable
Sodium	2600		1000	480	ug/L	1		6010D	Total Recoverable
Barium	22		10	1.7	ug/L	1		6010D	Total Recoverable
Beryllium	0.16	I V	4.0	0.10	ug/L	1		6010D	Total Recoverable
Copper	2.0	I	20	1.8	ug/L	1		6010D	Total Recoverable
Lead	7.0	I	10	3.9	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW6 (Continued)

Lab Sample ID: 660-105348-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	4.1	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.40		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	54		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW14D

Lab Sample ID: 660-105349-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	18		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	29	I	50	17	ug/L	1		6010D	Total Recoverable
Sodium	8700	V	1000	480	ug/L	1		6010D	Total Recoverable
Barium	7.1	I	10	1.7	ug/L	1		6010D	Total Recoverable
Vanadium	2.4	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.50		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	180		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW12D

Lab Sample ID: 660-105349-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	6700	V	1000	480	ug/L	1		6010D	Total Recoverable
Barium	3.4	I	10	1.7	ug/L	1		6010D	Total Recoverable
Vanadium	1.9	I	10	1.0	ug/L	1		6010D	Total Recoverable
Nitrate Nitrite as N	0.52		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	180		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW3A

Lab Sample ID: 660-105480-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	130		50	17	ug/L	1		6010D	Total Recoverable
Sodium	11000		1000	480	ug/L	1		6010D	Total Recoverable
Barium	5.9	I	10	1.7	ug/L	1		6010D	Total Recoverable
Nickel	2.6	I	40	2.1	ug/L	1		6010D	Total Recoverable
Selenium	11	I	20	9.9	ug/L	1		6010D	Total Recoverable
Ammonia	0.11	I	0.25	0.10	mg/L	1		350.1-1993 R2.0	Total/NA
Total Dissolved Solids	180		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 2MW24S

Lab Sample ID: 660-105480-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	29		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	35	I	50	17	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Detection Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW24S (Continued)

Lab Sample ID: 660-105480-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	13000		1000	480	ug/L	1		6010D	Total
									Recoverable
Barium	15		10	1.7	ug/L	1		6010D	Total
									Recoverable
Beryllium	0.13	I V	4.0	0.10	ug/L	1		6010D	Total
									Recoverable
Selenium	12	I	20	9.9	ug/L	1		6010D	Total
									Recoverable
Vanadium	1.0	I	10	1.0	ug/L	1		6010D	Total
									Recoverable
Nitrate Nitrite as N	1.7		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	200		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 4MW27D

Lab Sample ID: 660-105566-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Iron	51		50	17	ug/L	1		6010D	Total
									Recoverable
Sodium	3000		1000	480	ug/L	1		6010D	Total
									Recoverable
Barium	8.5	I	10	1.7	ug/L	1		6010D	Total
									Recoverable
Vanadium	1.5	I	10	1.0	ug/L	1		6010D	Total
									Recoverable
Ammonia	0.18	I	0.25	0.10	mg/L	1		350.1-1993 R2.0	Total/NA
Total Dissolved Solids	130		20	20	mg/L	1		SM 2540C	Total/NA

Client Sample ID: 2MW-24D

Lab Sample ID: 660-105567-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	43		0.50	0.20	mg/L	1		300.0-1993 R2.1	Total/NA
Sodium	19000		1000	480	ug/L	1		6010D	Total
									Recoverable
Barium	13		10	1.7	ug/L	1		6010D	Total
									Recoverable
Vanadium	1.7	I	10	1.0	ug/L	1		6010D	Total
									Recoverable
Nitrate Nitrite as N	0.69		0.015	0.0050	mg/L	1		353.2-1993 R2.0	Total/NA
Total Dissolved Solids	290		20	20	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Tampa

Case Narrative

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Job ID: 660-104959-1

Laboratory: Eurofins TestAmerica, Tampa

Narrative

Receipt

The samples were received on 10/8/2020 11:02 AM, 10/13/2020 11:30 AM, 10/15/2020 9:30 AM, 10/20/2020 10:47 AM, 10/27/2020 10:05 AM, 10/29/2020 10:10 AM and 11/3/2020 11:09 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 14 coolers at receipt time were 0.6° C, 1.0° C, 1.0° C, 1.0° C, 1.0° C, 1.0° C, 1.2° C, 1.2° C, 1.4° C, 1.4° C, 1.4° C, 1.6° C, 2.0° C and 2.0° C.

GC/MS VOA

Method 8260B: The continuing calibration verification (CCV) associated with batch 660-229800 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the affected analyte was not detected in samples associated with this CCV, the data have been reported.

Method 8260B: The matrix spike (MS) recoveries for analytical batch 660-230031 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260B: The continuing calibration verification (CCV) associated with batch 660-230049 recovered outside acceptance criteria, low biased, for Bromomethane and Iodomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the affected analytes were not detected in samples associated with this CCV, the data have been reported.

Method 8260B: The following analyte recovered outside control limits for the laboratory control sample (LCS) associated with analytical batch 660-230128: Carbon disulfide. This is not indicative of a systematic control problem because this was a random marginal exceedance. Qualified results have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 660-230308 recovered above the upper control limit for carbon disulfide and carbon tetrachloride. The affected analytes were not detected in samples associated with this CCV; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 660-230536 recovered outside acceptance criteria, low biased, for Iodomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the affected analyte was not detected in samples associated with this CCV, the data have been reported.

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

HPLC/IC

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

Metals

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 660-229475 and analytical batch 660-229568 were outside control limits: AD 00492 (660-104959-1), (660-104959-B-1-B MS), (660-104959-B-1-C MSD) and (660-104959-B-1-A PDS). The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 660-229552 was outside control limits. Sample non-homogeneity is suspected.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 660-229998 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Definitions/Glossary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

General Chemistry

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Definitions/Glossary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: AD 00492

Lab Sample ID: 660-104959-1

Date Collected: 10/07/20 10:14

Matrix: Water

Date Received: 10/08/20 11:02

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/09/20 18:28	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/09/20 18:28	1
Benzene	0.25	U	1.0	0.25	ug/L			10/09/20 18:28	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/09/20 18:28	1
Bromomethane	2.5	U	10	2.5	ug/L			10/09/20 18:28	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/09/20 18:28	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/09/20 18:28	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/09/20 18:28	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/09/20 18:28	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/09/20 18:28	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/09/20 18:28	1
Chloroethane	2.5	U	10	2.5	ug/L			10/09/20 18:28	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/09/20 18:28	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/09/20 18:28	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/09/20 18:28	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/09/20 18:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/09/20 18:28	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/09/20 18:28	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/09/20 18:28	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/09/20 18:28	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/09/20 18:28	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/09/20 18:28	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/09/20 18:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/09/20 18:28	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/09/20 18:28	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/09/20 18:28	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/09/20 18:28	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/09/20 18:28	1
Iodomethane	4.1	U	15	4.1	ug/L			10/09/20 18:28	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/09/20 18:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/09/20 18:28	1
Styrene	0.49	U	2.0	0.49	ug/L			10/09/20 18:28	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/09/20 18:28	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/09/20 18:28	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/09/20 18:28	1
Toluene	0.24	U	1.0	0.24	ug/L			10/09/20 18:28	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/09/20 18:28	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/09/20 18:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/09/20 18:28	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/09/20 18:28	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/09/20 18:28	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/09/20 18:28	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/09/20 18:28	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/09/20 18:28	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/09/20 18:28	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/09/20 18:28	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/09/20 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		10/09/20 18:28	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: AD 00492

Lab Sample ID: 660-104959-1

Date Collected: 10/07/20 10:14

Matrix: Water

Date Received: 10/08/20 11:02

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		70 - 130		10/09/20 18:28	1
Toluene-d8 (Surr)	100		70 - 130		10/09/20 18:28	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26		0.50	0.20	mg/L			10/14/20 04:10	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/12/20 13:47	10/14/20 09:38	1
Iron	25	U	200	25	ug/L		10/12/20 13:47	10/14/20 09:38	1
Arsenic	1.9	U	10	1.9	ug/L		10/12/20 13:47	10/14/20 09:38	1
Sodium	10000		1000	120	ug/L		10/12/20 13:47	10/14/20 09:38	1
Barium	9.2	I	10	0.40	ug/L		10/12/20 13:47	10/14/20 09:38	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/12/20 13:47	10/14/20 09:38	1
Cadmium	0.46	U	4.0	0.46	ug/L		10/12/20 13:47	10/14/20 09:38	1
Chromium	1.1	U	10	1.1	ug/L		10/12/20 13:47	10/14/20 09:38	1
Cobalt	1.0	U	10	1.0	ug/L		10/12/20 13:47	10/14/20 09:38	1
Copper	2.8	U	10	2.8	ug/L		10/12/20 13:47	10/14/20 09:38	1
Lead	2.0	U	10	2.0	ug/L		10/12/20 13:47	10/14/20 09:38	1
Nickel	0.81	U	8.0	0.81	ug/L		10/12/20 13:47	10/14/20 09:38	1
Selenium	5.0	U	20	5.0	ug/L		10/12/20 13:47	10/14/20 09:38	1
Silver	2.3	I	10	1.5	ug/L		10/12/20 13:47	10/14/20 09:38	1
Vanadium	4.4	U	20	4.4	ug/L		10/12/20 13:47	10/14/20 09:38	1
Zinc	5.0	U	20	5.0	ug/L		10/12/20 13:47	10/14/20 09:38	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/09/20 13:11	10/12/20 21:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/13/20 13:13	10/13/20 14:29	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/14/20 15:01	1
Nitrate Nitrite as N	0.27		0.015	0.0050	mg/L			10/22/20 14:33	1
Total Dissolved Solids	220		20	20	mg/L			10/09/20 08:33	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: AD 00493

Lab Sample ID: 660-104959-2

Date Collected: 10/07/20 11:08

Matrix: Water

Date Received: 10/08/20 11:02

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/09/20 18:49	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/09/20 18:49	1
Benzene	0.25	U	1.0	0.25	ug/L			10/09/20 18:49	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/09/20 18:49	1
Bromomethane	2.5	U	10	2.5	ug/L			10/09/20 18:49	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/09/20 18:49	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/09/20 18:49	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/09/20 18:49	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/09/20 18:49	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/09/20 18:49	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/09/20 18:49	1
Chloroethane	2.5	U	10	2.5	ug/L			10/09/20 18:49	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/09/20 18:49	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/09/20 18:49	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/09/20 18:49	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/09/20 18:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/09/20 18:49	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/09/20 18:49	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/09/20 18:49	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/09/20 18:49	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/09/20 18:49	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/09/20 18:49	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/09/20 18:49	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/09/20 18:49	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/09/20 18:49	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/09/20 18:49	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/09/20 18:49	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/09/20 18:49	1
Iodomethane	4.1	U	15	4.1	ug/L			10/09/20 18:49	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/09/20 18:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/09/20 18:49	1
Styrene	0.49	U	2.0	0.49	ug/L			10/09/20 18:49	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/09/20 18:49	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/09/20 18:49	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/09/20 18:49	1
Toluene	0.24	U	1.0	0.24	ug/L			10/09/20 18:49	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/09/20 18:49	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/09/20 18:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/09/20 18:49	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/09/20 18:49	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/09/20 18:49	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/09/20 18:49	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/09/20 18:49	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/09/20 18:49	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/09/20 18:49	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/09/20 18:49	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/09/20 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		10/09/20 18:49	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: AD 00493

Lab Sample ID: 660-104959-2

Date Collected: 10/07/20 11:08

Matrix: Water

Date Received: 10/08/20 11:02

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		70 - 130		10/09/20 18:49	1
Toluene-d8 (Surr)	102		70 - 130		10/09/20 18:49	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.9		0.50	0.20	mg/L			10/14/20 04:22	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/12/20 13:47	10/14/20 09:51	1
Iron	340		200	25	ug/L		10/12/20 13:47	10/14/20 09:51	1
Arsenic	1.9	U	10	1.9	ug/L		10/12/20 13:47	10/14/20 09:51	1
Sodium	5200		1000	120	ug/L		10/12/20 13:47	10/14/20 09:51	1
Barium	10		10	0.40	ug/L		10/12/20 13:47	10/14/20 09:51	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/12/20 13:47	10/14/20 09:51	1
Cadmium	0.96	I	4.0	0.46	ug/L		10/12/20 13:47	10/14/20 09:51	1
Chromium	2.3	I	10	1.1	ug/L		10/12/20 13:47	10/14/20 09:51	1
Cobalt	1.3	I	10	1.0	ug/L		10/12/20 13:47	10/14/20 09:51	1
Copper	2.8	U	10	2.8	ug/L		10/12/20 13:47	10/14/20 09:51	1
Lead	2.1	I	10	2.0	ug/L		10/12/20 13:47	10/14/20 09:51	1
Nickel	2.6	I	8.0	0.81	ug/L		10/12/20 13:47	10/14/20 09:51	1
Selenium	5.0	U	20	5.0	ug/L		10/12/20 13:47	10/14/20 09:51	1
Silver	1.7	I	10	1.5	ug/L		10/12/20 13:47	10/14/20 09:51	1
Vanadium	4.4	U	20	4.4	ug/L		10/12/20 13:47	10/14/20 09:51	1
Zinc	5.0	U	20	5.0	ug/L		10/12/20 13:47	10/14/20 09:51	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/09/20 13:11	10/12/20 21:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/13/20 13:13	10/13/20 14:21	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U J3	0.25	0.10	mg/L			10/14/20 15:49	1
Nitrate Nitrite as N	3.7		0.15	0.050	mg/L			10/22/20 14:58	10
Total Dissolved Solids	60		20	20	mg/L			10/09/20 08:33	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW23

Lab Sample ID: 660-105034-1

Date Collected: 10/08/20 09:18

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/20/20 17:27	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/20/20 17:27	1
Benzene	0.25	U	1.0	0.25	ug/L			10/20/20 17:27	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/20/20 17:27	1
Bromomethane	2.5	U	10	2.5	ug/L			10/20/20 17:27	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/20/20 17:27	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/20/20 17:27	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/20/20 17:27	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/20/20 17:27	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/20/20 17:27	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/20/20 17:27	1
Chloroethane	2.5	U	10	2.5	ug/L			10/20/20 17:27	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/20/20 17:27	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/20/20 17:27	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/20/20 17:27	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/20/20 17:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/20/20 17:27	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/20/20 17:27	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/20/20 17:27	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/20/20 17:27	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/20/20 17:27	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/20/20 17:27	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/20/20 17:27	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/20/20 17:27	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/20/20 17:27	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/20/20 17:27	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/20/20 17:27	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/20/20 17:27	1
Iodomethane	4.1	U	15	4.1	ug/L			10/20/20 17:27	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/20/20 17:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/20/20 17:27	1
Styrene	0.49	U	2.0	0.49	ug/L			10/20/20 17:27	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/20/20 17:27	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/20/20 17:27	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/20/20 17:27	1
Toluene	0.24	U	1.0	0.24	ug/L			10/20/20 17:27	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/20/20 17:27	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/20/20 17:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/20/20 17:27	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/20/20 17:27	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/20/20 17:27	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/20/20 17:27	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/20/20 17:27	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/20/20 17:27	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/20/20 17:27	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/20/20 17:27	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/20/20 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		10/20/20 17:27	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW23

Lab Sample ID: 660-105034-1

Date Collected: 10/08/20 09:18

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		70 - 130		10/20/20 17:27	1
Toluene-d8 (Surr)	104		70 - 130		10/20/20 17:27	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62		0.50	0.20	mg/L			10/15/20 23:01	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/14/20 08:27	10/15/20 16:27	1
Iron	530		200	25	ug/L		10/14/20 08:27	10/15/20 16:27	1
Arsenic	2.0	I	10	1.9	ug/L		10/14/20 08:27	10/15/20 16:27	1
Sodium	25000		1000	120	ug/L		10/14/20 08:27	10/15/20 16:27	1
Barium	9.8	I	10	0.40	ug/L		10/14/20 08:27	10/15/20 16:27	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/14/20 08:27	10/15/20 16:27	1
Cadmium	0.46	U	4.0	0.46	ug/L		10/14/20 08:27	10/15/20 16:27	1
Chromium	1.1	U	10	1.1	ug/L		10/14/20 08:27	10/15/20 16:27	1
Cobalt	1.0	U	10	1.0	ug/L		10/14/20 08:27	10/15/20 16:27	1
Copper	2.8	U	10	2.8	ug/L		10/14/20 08:27	10/15/20 16:27	1
Lead	2.0	U	10	2.0	ug/L		10/14/20 08:27	10/15/20 16:27	1
Nickel	1.1	I	8.0	0.81	ug/L		10/14/20 08:27	10/15/20 16:27	1
Selenium	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:27	1
Silver	1.5	U	10	1.5	ug/L		10/14/20 08:27	10/15/20 16:27	1
Vanadium	4.4	U	20	4.4	ug/L		10/14/20 08:27	10/15/20 16:27	1
Zinc	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:27	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/15/20 12:05	10/16/20 15:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/19/20 10:07	10/19/20 14:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/15/20 12:59	1
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/22/20 14:43	1
Total Dissolved Solids	290		20	20	mg/L			10/14/20 08:23	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW21

Lab Sample ID: 660-105034-2

Date Collected: 10/08/20 10:30

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/20/20 17:48	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/20/20 17:48	1
Benzene	0.25	U	1.0	0.25	ug/L			10/20/20 17:48	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/20/20 17:48	1
Bromomethane	2.5	U	10	2.5	ug/L			10/20/20 17:48	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/20/20 17:48	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/20/20 17:48	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/20/20 17:48	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/20/20 17:48	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/20/20 17:48	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/20/20 17:48	1
Chloroethane	2.5	U	10	2.5	ug/L			10/20/20 17:48	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/20/20 17:48	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/20/20 17:48	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/20/20 17:48	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/20/20 17:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/20/20 17:48	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/20/20 17:48	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/20/20 17:48	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/20/20 17:48	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/20/20 17:48	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/20/20 17:48	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/20/20 17:48	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/20/20 17:48	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/20/20 17:48	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/20/20 17:48	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/20/20 17:48	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/20/20 17:48	1
Iodomethane	4.1	U	15	4.1	ug/L			10/20/20 17:48	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/20/20 17:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/20/20 17:48	1
Styrene	0.49	U	2.0	0.49	ug/L			10/20/20 17:48	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/20/20 17:48	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/20/20 17:48	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/20/20 17:48	1
Toluene	0.24	U	1.0	0.24	ug/L			10/20/20 17:48	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/20/20 17:48	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/20/20 17:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/20/20 17:48	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/20/20 17:48	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/20/20 17:48	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/20/20 17:48	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/20/20 17:48	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/20/20 17:48	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/20/20 17:48	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/20/20 17:48	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/20/20 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/20/20 17:48	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW21

Lab Sample ID: 660-105034-2

Date Collected: 10/08/20 10:30

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		70 - 130		10/20/20 17:48	1
Toluene-d8 (Surr)	102		70 - 130		10/20/20 17:48	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		0.50	0.20	mg/L			10/15/20 23:14	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/14/20 08:27	10/15/20 16:36	1
Iron	42	I	200	25	ug/L		10/14/20 08:27	10/15/20 16:36	1
Arsenic	1.9	U	10	1.9	ug/L		10/14/20 08:27	10/15/20 16:36	1
Sodium	7000		1000	120	ug/L		10/14/20 08:27	10/15/20 16:36	1
Barium	12		10	0.40	ug/L		10/14/20 08:27	10/15/20 16:36	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/14/20 08:27	10/15/20 16:36	1
Cadmium	0.64	I	4.0	0.46	ug/L		10/14/20 08:27	10/15/20 16:36	1
Chromium	1.1	U	10	1.1	ug/L		10/14/20 08:27	10/15/20 16:36	1
Cobalt	1.0	U	10	1.0	ug/L		10/14/20 08:27	10/15/20 16:36	1
Copper	2.8	U	10	2.8	ug/L		10/14/20 08:27	10/15/20 16:36	1
Lead	2.0	U	10	2.0	ug/L		10/14/20 08:27	10/15/20 16:36	1
Nickel	0.81	U	8.0	0.81	ug/L		10/14/20 08:27	10/15/20 16:36	1
Selenium	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:36	1
Silver	1.5	U	10	1.5	ug/L		10/14/20 08:27	10/15/20 16:36	1
Vanadium	4.4	U	20	4.4	ug/L		10/14/20 08:27	10/15/20 16:36	1
Zinc	6.8	I	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:36	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/15/20 12:05	10/16/20 16:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/19/20 10:07	10/19/20 14:18	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/15/20 12:59	1
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/22/20 14:44	1
Total Dissolved Solids	230		20	20	mg/L			10/14/20 08:23	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW8

Lab Sample ID: 660-105034-3

Date Collected: 10/08/20 14:00

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/20/20 18:09	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/20/20 18:09	1
Benzene	0.25	U	1.0	0.25	ug/L			10/20/20 18:09	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/20/20 18:09	1
Bromomethane	2.5	U	10	2.5	ug/L			10/20/20 18:09	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/20/20 18:09	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/20/20 18:09	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/20/20 18:09	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/20/20 18:09	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/20/20 18:09	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/20/20 18:09	1
Chloroethane	2.5	U	10	2.5	ug/L			10/20/20 18:09	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/20/20 18:09	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/20/20 18:09	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/20/20 18:09	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/20/20 18:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/20/20 18:09	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/20/20 18:09	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/20/20 18:09	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/20/20 18:09	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/20/20 18:09	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/20/20 18:09	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/20/20 18:09	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/20/20 18:09	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/20/20 18:09	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/20/20 18:09	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/20/20 18:09	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/20/20 18:09	1
Iodomethane	4.1	U	15	4.1	ug/L			10/20/20 18:09	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/20/20 18:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/20/20 18:09	1
Styrene	0.49	U	2.0	0.49	ug/L			10/20/20 18:09	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/20/20 18:09	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/20/20 18:09	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/20/20 18:09	1
Toluene	0.24	U	1.0	0.24	ug/L			10/20/20 18:09	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/20/20 18:09	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/20/20 18:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/20/20 18:09	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/20/20 18:09	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/20/20 18:09	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/20/20 18:09	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/20/20 18:09	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/20/20 18:09	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/20/20 18:09	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/20/20 18:09	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/20/20 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		10/20/20 18:09	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW8

Lab Sample ID: 660-105034-3

Date Collected: 10/08/20 14:00

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		70 - 130		10/20/20 18:09	1
Toluene-d8 (Surr)	103		70 - 130		10/20/20 18:09	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		0.50	0.20	mg/L			10/15/20 23:27	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/14/20 08:27	10/15/20 16:39	1
Iron	25	U	200	25	ug/L		10/14/20 08:27	10/15/20 16:39	1
Arsenic	1.9	U	10	1.9	ug/L		10/14/20 08:27	10/15/20 16:39	1
Sodium	4500		1000	120	ug/L		10/14/20 08:27	10/15/20 16:39	1
Barium	7.5	I	10	0.40	ug/L		10/14/20 08:27	10/15/20 16:39	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/14/20 08:27	10/15/20 16:39	1
Cadmium	0.46	U	4.0	0.46	ug/L		10/14/20 08:27	10/15/20 16:39	1
Chromium	1.1	U	10	1.1	ug/L		10/14/20 08:27	10/15/20 16:39	1
Cobalt	1.0	U	10	1.0	ug/L		10/14/20 08:27	10/15/20 16:39	1
Copper	2.8	U	10	2.8	ug/L		10/14/20 08:27	10/15/20 16:39	1
Lead	2.0	U	10	2.0	ug/L		10/14/20 08:27	10/15/20 16:39	1
Nickel	0.81	U	8.0	0.81	ug/L		10/14/20 08:27	10/15/20 16:39	1
Selenium	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:39	1
Silver	1.5	U	10	1.5	ug/L		10/14/20 08:27	10/15/20 16:39	1
Vanadium	4.4	U	20	4.4	ug/L		10/14/20 08:27	10/15/20 16:39	1
Zinc	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:39	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/15/20 12:05	10/16/20 16:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/19/20 10:07	10/19/20 14:20	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/16/20 13:17	1
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/22/20 14:46	1
Total Dissolved Solids	180		20	20	mg/L			10/14/20 08:23	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-7

Lab Sample ID: 660-105043-1

Date Collected: 10/09/20 10:20

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/20/20 18:30	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/20/20 18:30	1
Benzene	0.25	U	1.0	0.25	ug/L			10/20/20 18:30	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/20/20 18:30	1
Bromomethane	2.5	U	10	2.5	ug/L			10/20/20 18:30	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/20/20 18:30	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/20/20 18:30	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/20/20 18:30	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/20/20 18:30	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/20/20 18:30	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/20/20 18:30	1
Chloroethane	2.5	U	10	2.5	ug/L			10/20/20 18:30	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/20/20 18:30	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/20/20 18:30	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/20/20 18:30	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/20/20 18:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/20/20 18:30	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/20/20 18:30	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/20/20 18:30	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/20/20 18:30	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/20/20 18:30	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/20/20 18:30	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/20/20 18:30	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/20/20 18:30	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/20/20 18:30	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/20/20 18:30	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/20/20 18:30	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/20/20 18:30	1
Iodomethane	4.1	U	15	4.1	ug/L			10/20/20 18:30	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/20/20 18:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/20/20 18:30	1
Styrene	0.49	U	2.0	0.49	ug/L			10/20/20 18:30	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/20/20 18:30	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/20/20 18:30	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/20/20 18:30	1
Toluene	0.24	U	1.0	0.24	ug/L			10/20/20 18:30	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/20/20 18:30	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/20/20 18:30	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/20/20 18:30	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/20/20 18:30	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/20/20 18:30	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/20/20 18:30	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/20/20 18:30	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/20/20 18:30	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/20/20 18:30	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/20/20 18:30	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/20/20 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		10/20/20 18:30	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-7

Lab Sample ID: 660-105043-1

Date Collected: 10/09/20 10:20

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		70 - 130		10/20/20 18:30	1
Toluene-d8 (Surr)	104		70 - 130		10/20/20 18:30	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		0.50	0.20	mg/L			10/16/20 00:32	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/14/20 08:27	10/15/20 16:43	1
Iron	25	U	200	25	ug/L		10/14/20 08:27	10/15/20 16:43	1
Arsenic	1.9	U	10	1.9	ug/L		10/14/20 08:27	10/15/20 16:43	1
Sodium	4900		1000	120	ug/L		10/14/20 08:27	10/15/20 16:43	1
Barium	8.9	I	10	0.40	ug/L		10/14/20 08:27	10/15/20 16:43	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/14/20 08:27	10/15/20 16:43	1
Cadmium	0.46	U	4.0	0.46	ug/L		10/14/20 08:27	10/15/20 16:43	1
Chromium	1.1	U	10	1.1	ug/L		10/14/20 08:27	10/15/20 16:43	1
Cobalt	1.0	U	10	1.0	ug/L		10/14/20 08:27	10/15/20 16:43	1
Copper	2.8	U	10	2.8	ug/L		10/14/20 08:27	10/15/20 16:43	1
Lead	2.0	U	10	2.0	ug/L		10/14/20 08:27	10/15/20 16:43	1
Nickel	0.81	U	8.0	0.81	ug/L		10/14/20 08:27	10/15/20 16:43	1
Selenium	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:43	1
Silver	1.5	U	10	1.5	ug/L		10/14/20 08:27	10/15/20 16:43	1
Vanadium	4.4	U	20	4.4	ug/L		10/14/20 08:27	10/15/20 16:43	1
Zinc	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:43	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/15/20 12:05	10/16/20 15:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/19/20 10:07	10/19/20 14:38	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/16/20 13:17	1
Nitrate Nitrite as N	0.013	I	0.015	0.0050	mg/L			10/22/20 14:48	1
Total Dissolved Solids	170		20	20	mg/L			10/14/20 08:23	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-5

Lab Sample ID: 660-105045-1

Date Collected: 10/12/20 12:46

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/20/20 12:33	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/20/20 12:33	1
Benzene	0.25	U	1.0	0.25	ug/L			10/20/20 12:33	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/20/20 12:33	1
Bromomethane	2.5	U	10	2.5	ug/L			10/20/20 12:33	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/20/20 12:33	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/20/20 12:33	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/20/20 12:33	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/20/20 12:33	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/20/20 12:33	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/20/20 12:33	1
Chloroethane	2.5	U	10	2.5	ug/L			10/20/20 12:33	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/20/20 12:33	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/20/20 12:33	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/20/20 12:33	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/20/20 12:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/20/20 12:33	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/20/20 12:33	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/20/20 12:33	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/20/20 12:33	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/20/20 12:33	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/20/20 12:33	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/20/20 12:33	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/20/20 12:33	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/20/20 12:33	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/20/20 12:33	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/20/20 12:33	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/20/20 12:33	1
Iodomethane	4.1	U	15	4.1	ug/L			10/20/20 12:33	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/20/20 12:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/20/20 12:33	1
Styrene	0.49	U	2.0	0.49	ug/L			10/20/20 12:33	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/20/20 12:33	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/20/20 12:33	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/20/20 12:33	1
Toluene	0.24	U	1.0	0.24	ug/L			10/20/20 12:33	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/20/20 12:33	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/20/20 12:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/20/20 12:33	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/20/20 12:33	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/20/20 12:33	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/20/20 12:33	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/20/20 12:33	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/20/20 12:33	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/20/20 12:33	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/20/20 12:33	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/20/20 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/20/20 12:33	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-5

Lab Sample ID: 660-105045-1

Date Collected: 10/12/20 12:46

Matrix: Water

Date Received: 10/13/20 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		70 - 130		10/20/20 12:33	1
Toluene-d8 (Surr)	105		70 - 130		10/20/20 12:33	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52		0.50	0.20	mg/L			10/16/20 00:45	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/14/20 08:27	10/15/20 16:46	1
Iron	25	U	200	25	ug/L		10/14/20 08:27	10/15/20 16:46	1
Arsenic	1.9	U	10	1.9	ug/L		10/14/20 08:27	10/15/20 16:46	1
Sodium	26000		1000	120	ug/L		10/14/20 08:27	10/15/20 16:46	1
Barium	11		10	0.40	ug/L		10/14/20 08:27	10/15/20 16:46	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/14/20 08:27	10/15/20 16:46	1
Cadmium	1.4	I	4.0	0.46	ug/L		10/14/20 08:27	10/15/20 16:46	1
Chromium	1.1	U	10	1.1	ug/L		10/14/20 08:27	10/15/20 16:46	1
Cobalt	1.0	U	10	1.0	ug/L		10/14/20 08:27	10/15/20 16:46	1
Copper	2.8	U	10	2.8	ug/L		10/14/20 08:27	10/15/20 16:46	1
Lead	2.0	U	10	2.0	ug/L		10/14/20 08:27	10/15/20 16:46	1
Nickel	0.91	I	8.0	0.81	ug/L		10/14/20 08:27	10/15/20 16:46	1
Selenium	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:46	1
Silver	1.5	U	10	1.5	ug/L		10/14/20 08:27	10/15/20 16:46	1
Vanadium	4.4	U	20	4.4	ug/L		10/14/20 08:27	10/15/20 16:46	1
Zinc	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 16:46	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/15/20 12:05	10/16/20 16:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/19/20 10:07	10/19/20 14:41	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/16/20 13:31	1
Nitrate Nitrite as N	0.013	I	0.015	0.0050	mg/L			10/22/20 14:49	1
Total Dissolved Solids	330		20	20	mg/L			10/14/20 08:23	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-1

Lab Sample ID: 660-105142-1

Date Collected: 10/13/20 11:47

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 09:42	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 09:42	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 09:42	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 09:42	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 09:42	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 09:42	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 09:42	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 09:42	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 09:42	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 09:42	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 09:42	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 09:42	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 09:42	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 09:42	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 09:42	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 09:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 09:42	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 09:42	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 09:42	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 09:42	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 09:42	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 09:42	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 09:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 09:42	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 09:42	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 09:42	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 09:42	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 09:42	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 09:42	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 09:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 09:42	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 09:42	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 09:42	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 09:42	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 09:42	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 09:42	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 09:42	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 09:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 09:42	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 09:42	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 09:42	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 09:42	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 09:42	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 09:42	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 09:42	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 09:42	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 09:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130		10/26/20 09:42	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-1

Lab Sample ID: 660-105142-1

Date Collected: 10/13/20 11:47

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		70 - 130		10/26/20 09:42	1
Toluene-d8 (Surr)	105		70 - 130		10/26/20 09:42	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96		0.50	0.20	mg/L			10/19/20 15:45	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/19/20 13:24	10/21/20 19:41	1
Iron	17	U	50	17	ug/L		10/19/20 13:24	10/21/20 19:41	1
Arsenic	6.2	U	20	6.2	ug/L		10/19/20 13:24	10/21/20 19:41	1
Sodium	58000		1000	480	ug/L		10/19/20 13:24	10/21/20 19:41	1
Barium	25		10	1.7	ug/L		10/19/20 13:24	10/21/20 19:41	1
Beryllium	0.12	I V	4.0	0.10	ug/L		10/19/20 13:24	10/21/20 19:41	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/19/20 13:24	10/21/20 19:41	1
Chromium	1.6	U	10	1.6	ug/L		10/19/20 13:24	10/21/20 19:41	1
Cobalt	1.0	U	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:41	1
Copper	1.8	U	20	1.8	ug/L		10/19/20 13:24	10/21/20 19:41	1
Lead	3.9	U	10	3.9	ug/L		10/19/20 13:24	10/21/20 19:41	1
Nickel	4.8	I	40	2.1	ug/L		10/19/20 13:24	10/21/20 19:41	1
Selenium	9.9	U	20	9.9	ug/L		10/19/20 13:24	10/21/20 19:41	1
Silver	0.60	U	10	0.60	ug/L		10/19/20 13:24	10/21/20 19:41	1
Vanadium	2.5	I	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:41	1
Zinc	7.0	U	20	7.0	ug/L		10/19/20 13:24	10/21/20 19:41	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/19/20 13:24	10/20/20 13:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/20/20 09:34	10/20/20 14:15	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/19/20 13:23	1
Nitrate Nitrite as N	0.015		0.015	0.0050	mg/L			10/22/20 14:54	1
Total Dissolved Solids	400		20	20	mg/L			10/16/20 09:16	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW26D

Lab Sample ID: 660-105142-2

Date Collected: 10/13/20 14:12

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 10:24	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 10:24	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 10:24	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 10:24	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 10:24	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 10:24	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 10:24	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 10:24	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 10:24	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 10:24	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 10:24	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 10:24	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 10:24	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 10:24	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 10:24	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 10:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 10:24	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 10:24	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 10:24	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 10:24	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 10:24	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 10:24	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 10:24	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 10:24	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 10:24	1
Ethylbenzene	0.27	U J3	1.0	0.27	ug/L			10/26/20 10:24	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 10:24	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 10:24	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 10:24	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 10:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 10:24	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 10:24	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 10:24	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 10:24	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 10:24	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 10:24	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 10:24	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 10:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 10:24	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 10:24	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 10:24	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 10:24	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 10:24	1
1,2,3-Trichloropropane	0.44	U J3	3.0	0.44	ug/L			10/26/20 10:24	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 10:24	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 10:24	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 10:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/26/20 10:24	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW26D

Lab Sample ID: 660-105142-2

Date Collected: 10/13/20 14:12

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		70 - 130		10/26/20 10:24	1
Toluene-d8 (Surr)	105		70 - 130		10/26/20 10:24	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54		0.50	0.20	mg/L			10/19/20 16:24	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/19/20 13:24	10/21/20 19:20	1
Iron	17	U	50	17	ug/L		10/19/20 13:24	10/21/20 19:20	1
Arsenic	6.2	U	20	6.2	ug/L		10/19/20 13:24	10/21/20 19:20	1
Sodium	25000		1000	480	ug/L		10/19/20 13:24	10/21/20 19:20	1
Barium	11		10	1.7	ug/L		10/19/20 13:24	10/21/20 19:20	1
Beryllium	0.11	I V	4.0	0.10	ug/L		10/19/20 13:24	10/21/20 19:20	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/19/20 13:24	10/21/20 19:20	1
Chromium	1.6	U	10	1.6	ug/L		10/19/20 13:24	10/21/20 19:20	1
Cobalt	1.0	U	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:20	1
Copper	1.8	U	20	1.8	ug/L		10/19/20 13:24	10/21/20 19:20	1
Lead	3.9	U	10	3.9	ug/L		10/19/20 13:24	10/21/20 19:20	1
Nickel	2.1	U	40	2.1	ug/L		10/19/20 13:24	10/21/20 19:20	1
Selenium	9.9	U	20	9.9	ug/L		10/19/20 13:24	10/21/20 19:20	1
Silver	0.60	U	10	0.60	ug/L		10/19/20 13:24	10/21/20 19:20	1
Vanadium	1.6	I	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:20	1
Zinc	7.0	U	20	7.0	ug/L		10/19/20 13:24	10/21/20 19:20	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/19/20 13:24	10/20/20 13:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/20/20 09:34	10/20/20 14:23	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/19/20 13:04	1
Nitrate Nitrite as N	0.039		0.015	0.0050	mg/L			10/22/20 14:56	1
Total Dissolved Solids	250		20	20	mg/L			10/16/20 09:16	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW2

Lab Sample ID: 660-105143-1

Date Collected: 10/14/20 11:38

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 12:09	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 12:09	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 12:09	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 12:09	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 12:09	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 12:09	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 12:09	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 12:09	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 12:09	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 12:09	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 12:09	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 12:09	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 12:09	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 12:09	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 12:09	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 12:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 12:09	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 12:09	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 12:09	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 12:09	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 12:09	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 12:09	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 12:09	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 12:09	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 12:09	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 12:09	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 12:09	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 12:09	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 12:09	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 12:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 12:09	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 12:09	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 12:09	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 12:09	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 12:09	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 12:09	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 12:09	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 12:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 12:09	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 12:09	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 12:09	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 12:09	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 12:09	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 12:09	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 12:09	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 12:09	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130		10/26/20 12:09	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW2

Lab Sample ID: 660-105143-1

Date Collected: 10/14/20 11:38

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		70 - 130		10/26/20 12:09	1
Toluene-d8 (Surr)	105		70 - 130		10/26/20 12:09	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.7		0.50	0.20	mg/L			10/19/20 17:02	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/19/20 13:24	10/21/20 19:28	1
Iron	17	U	50	17	ug/L		10/19/20 13:24	10/21/20 19:28	1
Arsenic	6.2	U	20	6.2	ug/L		10/19/20 13:24	10/21/20 19:28	1
Sodium	2600	V	1000	480	ug/L		10/19/20 13:24	10/21/20 19:28	1
Barium	5.7	I	10	1.7	ug/L		10/19/20 13:24	10/21/20 19:28	1
Beryllium	0.12	I V	4.0	0.10	ug/L		10/19/20 13:24	10/21/20 19:28	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/19/20 13:24	10/21/20 19:28	1
Chromium	1.6	U	10	1.6	ug/L		10/19/20 13:24	10/21/20 19:28	1
Cobalt	1.0	U	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:28	1
Copper	1.8	U	20	1.8	ug/L		10/19/20 13:24	10/21/20 19:28	1
Lead	3.9	U	10	3.9	ug/L		10/19/20 13:24	10/21/20 19:28	1
Nickel	2.4	I	40	2.1	ug/L		10/19/20 13:24	10/21/20 19:28	1
Selenium	9.9	U	20	9.9	ug/L		10/19/20 13:24	10/21/20 19:28	1
Silver	0.60	U	10	0.60	ug/L		10/19/20 13:24	10/21/20 19:28	1
Vanadium	6.1	I	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:28	1
Zinc	7.0	U	20	7.0	ug/L		10/19/20 13:24	10/21/20 19:28	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/19/20 13:24	10/20/20 13:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/20/20 09:34	10/20/20 14:25	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/19/20 15:03	1
Nitrate Nitrite as N	0.0050	U J3	0.0050	0.0050	mg/L			10/22/20 15:49	1
Total Dissolved Solids	90		20	20	mg/L			10/16/20 09:16	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW27D

Lab Sample ID: 660-105143-2

Date Collected: 10/14/20 13:48

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 12:31	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 12:31	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 12:31	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 12:31	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 12:31	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 12:31	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 12:31	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 12:31	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 12:31	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 12:31	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 12:31	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 12:31	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 12:31	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 12:31	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 12:31	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 12:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 12:31	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 12:31	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 12:31	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 12:31	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 12:31	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 12:31	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 12:31	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 12:31	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 12:31	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 12:31	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 12:31	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 12:31	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 12:31	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 12:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 12:31	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 12:31	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 12:31	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 12:31	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 12:31	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 12:31	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 12:31	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 12:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 12:31	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 12:31	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 12:31	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 12:31	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 12:31	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 12:31	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 12:31	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 12:31	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/26/20 12:31	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW27D

Lab Sample ID: 660-105143-2

Date Collected: 10/14/20 13:48

Matrix: Water

Date Received: 10/15/20 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		70 - 130		10/26/20 12:31	1
Toluene-d8 (Surr)	104		70 - 130		10/26/20 12:31	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89		0.50	0.20	mg/L			10/19/20 17:15	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/19/20 13:24	10/21/20 19:15	1
Iron	160		50	17	ug/L		10/19/20 13:24	10/21/20 19:15	1
Arsenic	6.2	U	20	6.2	ug/L		10/19/20 13:24	10/21/20 19:15	1
Sodium	41000		1000	480	ug/L		10/19/20 13:24	10/21/20 19:15	1
Barium	21		10	1.7	ug/L		10/19/20 13:24	10/21/20 19:15	1
Beryllium	0.12	I V	4.0	0.10	ug/L		10/19/20 13:24	10/21/20 19:15	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/19/20 13:24	10/21/20 19:15	1
Chromium	1.6	I	10	1.6	ug/L		10/19/20 13:24	10/21/20 19:15	1
Cobalt	1.0	U	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:15	1
Copper	1.8	U	20	1.8	ug/L		10/19/20 13:24	10/21/20 19:15	1
Lead	3.9	U	10	3.9	ug/L		10/19/20 13:24	10/21/20 19:15	1
Nickel	5.9	I	40	2.1	ug/L		10/19/20 13:24	10/21/20 19:15	1
Selenium	9.9	U	20	9.9	ug/L		10/19/20 13:24	10/21/20 19:15	1
Silver	0.60	U	10	0.60	ug/L		10/19/20 13:24	10/21/20 19:15	1
Vanadium	3.1	I	10	1.0	ug/L		10/19/20 13:24	10/21/20 19:15	1
Zinc	7.0	U	20	7.0	ug/L		10/19/20 13:24	10/21/20 19:15	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/19/20 13:24	10/20/20 13:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/20/20 09:34	10/20/20 14:28	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/19/20 14:58	1
Nitrate Nitrite as N	0.032		0.015	0.0050	mg/L			10/22/20 15:57	1
Total Dissolved Solids	340		20	20	mg/L			10/16/20 09:16	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-27

Lab Sample ID: 660-105211-1

Date Collected: 10/16/20 11:32

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 13:33	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 13:33	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 13:33	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 13:33	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 13:33	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 13:33	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 13:33	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 13:33	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 13:33	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 13:33	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 13:33	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 13:33	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 13:33	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 13:33	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 13:33	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 13:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 13:33	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 13:33	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 13:33	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 13:33	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 13:33	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 13:33	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 13:33	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 13:33	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 13:33	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 13:33	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 13:33	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 13:33	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 13:33	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 13:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 13:33	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 13:33	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 13:33	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 13:33	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 13:33	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 13:33	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 13:33	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 13:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 13:33	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 13:33	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 13:33	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 13:33	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 13:33	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 13:33	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 13:33	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 13:33	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/26/20 13:33	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-27

Lab Sample ID: 660-105211-1

Date Collected: 10/16/20 11:32

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		70 - 130		10/26/20 13:33	1
Toluene-d8 (Surr)	101		70 - 130		10/26/20 13:33	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77		0.50	0.20	mg/L			10/21/20 21:37	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 10:11	10/24/20 00:24	1
Iron	110		50	17	ug/L		10/22/20 10:11	10/24/20 00:24	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 10:11	10/24/20 00:24	1
Sodium	34000		1000	480	ug/L		10/22/20 10:11	10/24/20 00:24	1
Barium	13		10	1.7	ug/L		10/22/20 10:11	10/24/20 00:24	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 10:11	10/24/20 00:24	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 10:11	10/24/20 00:24	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 10:11	10/24/20 00:24	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 10:11	10/24/20 00:24	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 10:11	10/24/20 00:24	1
Lead	4.3	I	10	3.9	ug/L		10/22/20 10:11	10/24/20 00:24	1
Nickel	2.8	I	40	2.1	ug/L		10/22/20 10:11	10/24/20 00:24	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 10:11	10/24/20 00:24	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 10:11	10/24/20 00:24	1
Vanadium	12		10	1.0	ug/L		10/22/20 10:11	10/24/20 00:24	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 10:11	10/24/20 00:24	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 10:11	10/22/20 20:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:27	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 13:21	1
Nitrate Nitrite as N	0.0071	I	0.015	0.0050	mg/L			10/22/20 16:00	1
Total Dissolved Solids	310		20	20	mg/L			10/21/20 08:14	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW15DA

Lab Sample ID: 660-105211-2

Date Collected: 10/16/20 13:23

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 13:56	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 13:56	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 13:56	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 13:56	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 13:56	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 13:56	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 13:56	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 13:56	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 13:56	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 13:56	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 13:56	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 13:56	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 13:56	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 13:56	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 13:56	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 13:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 13:56	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 13:56	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 13:56	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 13:56	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 13:56	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 13:56	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 13:56	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 13:56	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 13:56	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 13:56	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 13:56	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 13:56	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 13:56	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 13:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 13:56	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 13:56	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 13:56	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 13:56	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 13:56	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 13:56	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 13:56	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 13:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 13:56	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 13:56	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 13:56	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 13:56	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 13:56	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 13:56	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 13:56	1
Vinyl chloride	0.26	U J3	1.0	0.26	ug/L			10/26/20 13:56	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		10/26/20 13:56	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW15DA

Lab Sample ID: 660-105211-2

Date Collected: 10/16/20 13:23

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		70 - 130		10/26/20 13:56	1
Toluene-d8 (Surr)	103		70 - 130		10/26/20 13:56	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		0.50	0.20	mg/L			10/21/20 22:15	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 10:11	10/24/20 00:20	1
Iron	38	I	50	17	ug/L		10/22/20 10:11	10/24/20 00:20	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 10:11	10/24/20 00:20	1
Sodium	3600		1000	480	ug/L		10/22/20 10:11	10/24/20 00:20	1
Barium	5.9	I	10	1.7	ug/L		10/22/20 10:11	10/24/20 00:20	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 10:11	10/24/20 00:20	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 10:11	10/24/20 00:20	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 10:11	10/24/20 00:20	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 10:11	10/24/20 00:20	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 10:11	10/24/20 00:20	1
Lead	5.1	I	10	3.9	ug/L		10/22/20 10:11	10/24/20 00:20	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 10:11	10/24/20 00:20	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 10:11	10/24/20 00:20	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 10:11	10/24/20 00:20	1
Vanadium	2.8	I	10	1.0	ug/L		10/22/20 10:11	10/24/20 00:20	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 10:11	10/24/20 00:20	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 10:11	10/22/20 20:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:41	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 13:16	1
Nitrate Nitrite as N	0.043	I	0.075	0.025	mg/L			10/22/20 15:59	5
Total Dissolved Solids	140		20	20	mg/L			10/21/20 08:14	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW19D

Lab Sample ID: 660-105214-1

Date Collected: 10/19/20 10:27

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 14:19	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 14:19	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 14:19	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 14:19	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 14:19	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 14:19	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 14:19	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 14:19	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 14:19	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 14:19	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 14:19	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 14:19	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 14:19	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 14:19	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 14:19	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 14:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 14:19	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 14:19	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 14:19	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 14:19	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 14:19	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 14:19	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 14:19	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 14:19	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 14:19	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 14:19	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 14:19	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 14:19	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 14:19	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 14:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 14:19	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 14:19	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 14:19	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 14:19	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 14:19	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 14:19	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 14:19	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 14:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 14:19	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 14:19	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 14:19	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 14:19	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 14:19	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 14:19	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 14:19	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 14:19	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		10/26/20 14:19	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW19D

Lab Sample ID: 660-105214-1

Date Collected: 10/19/20 10:27

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		70 - 130		10/26/20 14:19	1
Toluene-d8 (Surr)	100		70 - 130		10/26/20 14:19	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		0.50	0.20	mg/L			10/23/20 18:03	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 10:11	10/24/20 00:15	1
Iron	36	I	50	17	ug/L		10/22/20 10:11	10/24/20 00:15	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 10:11	10/24/20 00:15	1
Sodium	6700		1000	480	ug/L		10/22/20 10:11	10/24/20 00:15	1
Barium	3.8	I	10	1.7	ug/L		10/22/20 10:11	10/24/20 00:15	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 10:11	10/24/20 00:15	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 10:11	10/24/20 00:15	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 10:11	10/24/20 00:15	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 10:11	10/24/20 00:15	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 10:11	10/24/20 00:15	1
Lead	3.9	U	10	3.9	ug/L		10/22/20 10:11	10/24/20 00:15	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 10:11	10/24/20 00:15	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 10:11	10/24/20 00:15	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 10:11	10/24/20 00:15	1
Vanadium	3.0	I	10	1.0	ug/L		10/22/20 10:11	10/24/20 00:15	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 10:11	10/24/20 00:15	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 10:11	10/22/20 20:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 13:30	1
Nitrate Nitrite as N	0.016		0.015	0.0050	mg/L			10/22/20 16:02	1
Total Dissolved Solids	220		20	20	mg/L			10/21/20 08:14	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW18D

Lab Sample ID: 660-105214-2

Date Collected: 10/19/20 11:18

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.7	I	20	3.0	ug/L			10/26/20 14:42	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 14:42	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 14:42	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 14:42	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 14:42	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 14:42	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 14:42	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 14:42	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 14:42	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 14:42	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 14:42	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 14:42	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 14:42	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 14:42	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 14:42	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 14:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 14:42	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 14:42	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 14:42	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 14:42	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 14:42	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 14:42	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 14:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 14:42	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 14:42	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 14:42	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 14:42	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 14:42	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 14:42	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 14:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 14:42	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 14:42	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 14:42	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 14:42	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 14:42	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 14:42	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 14:42	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 14:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 14:42	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 14:42	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 14:42	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 14:42	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 14:42	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 14:42	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 14:42	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 14:42	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		10/26/20 14:42	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW18D

Lab Sample ID: 660-105214-2

Date Collected: 10/19/20 11:18

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		70 - 130		10/26/20 14:42	1
Toluene-d8 (Surr)	102		70 - 130		10/26/20 14:42	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24		0.50	0.20	mg/L			10/23/20 18:16	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 09:50	10/23/20 20:00	1
Iron	30	I	50	17	ug/L		10/22/20 09:50	10/23/20 20:00	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 09:50	10/23/20 20:00	1
Sodium	8400		1000	480	ug/L		10/22/20 09:50	10/23/20 20:00	1
Barium	3.7	I	10	1.7	ug/L		10/22/20 09:50	10/23/20 20:00	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 09:50	10/23/20 20:00	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 09:50	10/23/20 20:00	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 09:50	10/23/20 20:00	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 09:50	10/23/20 20:00	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 09:50	10/23/20 20:00	1
Lead	3.9	U	10	3.9	ug/L		10/22/20 09:50	10/23/20 20:00	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 09:50	10/23/20 20:00	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 09:50	10/23/20 20:00	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 09:50	10/23/20 20:00	1
Vanadium	2.9	I	10	1.0	ug/L		10/22/20 09:50	10/23/20 20:00	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 09:50	10/23/20 20:00	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 09:50	10/22/20 19:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 12:31	1
Nitrate Nitrite as N	0.0088	I	0.015	0.0050	mg/L			10/22/20 16:10	1
Total Dissolved Solids	240		20	20	mg/L			10/21/20 08:14	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW4

Lab Sample ID: 660-105215-1

Date Collected: 10/15/20 10:14

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 15:05	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 15:05	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 15:05	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 15:05	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 15:05	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 15:05	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 15:05	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 15:05	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 15:05	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 15:05	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 15:05	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 15:05	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 15:05	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 15:05	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 15:05	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 15:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 15:05	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 15:05	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 15:05	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 15:05	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 15:05	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 15:05	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 15:05	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 15:05	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 15:05	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 15:05	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 15:05	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 15:05	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 15:05	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 15:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 15:05	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 15:05	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 15:05	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 15:05	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 15:05	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 15:05	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 15:05	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 15:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 15:05	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 15:05	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 15:05	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 15:05	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 15:05	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 15:05	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 15:05	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 15:05	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/26/20 15:05	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW4

Lab Sample ID: 660-105215-1

Date Collected: 10/15/20 10:14

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		70 - 130		10/26/20 15:05	1
Toluene-d8 (Surr)	101		70 - 130		10/26/20 15:05	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18		0.50	0.20	mg/L			10/23/20 10:44	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 09:50	10/23/20 19:30	1
Iron	27	I	50	17	ug/L		10/22/20 09:50	10/23/20 19:30	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 09:50	10/23/20 19:30	1
Sodium	6000		1000	480	ug/L		10/22/20 09:50	10/23/20 19:30	1
Barium	3.8	I	10	1.7	ug/L		10/22/20 09:50	10/23/20 19:30	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 09:50	10/23/20 19:30	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 09:50	10/23/20 19:30	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 09:50	10/23/20 19:30	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 09:50	10/23/20 19:30	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 09:50	10/23/20 19:30	1
Lead	3.9	U	10	3.9	ug/L		10/22/20 09:50	10/23/20 19:30	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 09:50	10/23/20 19:30	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 09:50	10/23/20 19:30	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 09:50	10/23/20 19:30	1
Vanadium	3.8	I	10	1.0	ug/L		10/22/20 09:50	10/23/20 19:30	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 09:50	10/23/20 19:30	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 09:50	10/22/20 18:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 12:36	1
Nitrate Nitrite as N	0.0084	I	0.015	0.0050	mg/L			10/22/20 16:12	1
Total Dissolved Solids	230		20	20	mg/L			10/21/20 08:14	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW11D

Lab Sample ID: 660-105215-2

Date Collected: 10/15/20 14:02

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 15:27	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 15:27	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 15:27	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 15:27	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 15:27	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 15:27	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 15:27	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 15:27	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 15:27	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 15:27	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 15:27	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 15:27	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 15:27	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 15:27	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 15:27	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 15:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 15:27	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 15:27	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 15:27	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 15:27	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 15:27	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 15:27	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 15:27	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 15:27	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 15:27	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 15:27	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 15:27	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 15:27	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 15:27	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 15:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 15:27	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 15:27	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 15:27	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 15:27	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 15:27	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 15:27	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 15:27	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 15:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 15:27	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 15:27	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 15:27	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 15:27	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 15:27	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 15:27	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 15:27	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 15:27	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		10/26/20 15:27	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW11D

Lab Sample ID: 660-105215-2

Date Collected: 10/15/20 14:02

Matrix: Water

Date Received: 10/20/20 10:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		70 - 130		10/26/20 15:27	1
Toluene-d8 (Surr)	100		70 - 130		10/26/20 15:27	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27		0.50	0.20	mg/L			10/23/20 10:56	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 10:11	10/23/20 23:53	1
Iron	46	I	50	17	ug/L		10/22/20 10:11	10/23/20 23:53	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 10:11	10/23/20 23:53	1
Sodium	6700		1000	480	ug/L		10/22/20 10:11	10/23/20 23:53	1
Barium	3.5	I	10	1.7	ug/L		10/22/20 10:11	10/23/20 23:53	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 10:11	10/23/20 23:53	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 10:11	10/23/20 23:53	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 10:11	10/23/20 23:53	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 10:11	10/23/20 23:53	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 10:11	10/23/20 23:53	1
Lead	3.9	U	10	3.9	ug/L		10/22/20 10:11	10/23/20 23:53	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 10:11	10/23/20 23:53	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 10:11	10/23/20 23:53	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 10:11	10/23/20 23:53	1
Vanadium	2.2	I	10	1.0	ug/L		10/22/20 10:11	10/23/20 23:53	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 10:11	10/23/20 23:53	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 10:11	10/22/20 20:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:59	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 12:31	1
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/22/20 16:14	1
Total Dissolved Solids	190		20	20	mg/L			10/21/20 08:14	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW6

Lab Sample ID: 660-105348-1

Date Collected: 10/23/20 13:02

Matrix: Water

Date Received: 10/27/20 10:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/28/20 13:36	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/28/20 13:36	1
Benzene	0.25	U	1.0	0.25	ug/L			10/28/20 13:36	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/28/20 13:36	1
Bromomethane	2.5	U	10	2.5	ug/L			10/28/20 13:36	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/28/20 13:36	1
Carbon disulfide	0.35	U J3	2.0	0.35	ug/L			10/28/20 13:36	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/28/20 13:36	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/28/20 13:36	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/28/20 13:36	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/28/20 13:36	1
Chloroethane	2.5	U	10	2.5	ug/L			10/28/20 13:36	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/28/20 13:36	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/28/20 13:36	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/28/20 13:36	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/28/20 13:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/28/20 13:36	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/28/20 13:36	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/28/20 13:36	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/28/20 13:36	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/28/20 13:36	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/28/20 13:36	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/28/20 13:36	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/28/20 13:36	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/28/20 13:36	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/28/20 13:36	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/28/20 13:36	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/28/20 13:36	1
Iodomethane	4.1	U	15	4.1	ug/L			10/28/20 13:36	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/28/20 13:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/28/20 13:36	1
Styrene	0.49	U	2.0	0.49	ug/L			10/28/20 13:36	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/28/20 13:36	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/28/20 13:36	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/28/20 13:36	1
Toluene	0.24	U	1.0	0.24	ug/L			10/28/20 13:36	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/28/20 13:36	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/28/20 13:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/28/20 13:36	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/28/20 13:36	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/28/20 13:36	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/28/20 13:36	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/28/20 13:36	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/28/20 13:36	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/28/20 13:36	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/28/20 13:36	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/28/20 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		10/28/20 13:36	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW6

Lab Sample ID: 660-105348-1

Date Collected: 10/23/20 13:02

Matrix: Water

Date Received: 10/27/20 10:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		70 - 130		10/28/20 13:36	1
Toluene-d8 (Surr)	105		70 - 130		10/28/20 13:36	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		0.50	0.20	mg/L			10/29/20 20:02	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/28/20 14:34	11/12/20 11:41	1
Iron	25	I V	50	17	ug/L		10/28/20 14:34	11/12/20 11:41	1
Arsenic	6.2	U	20	6.2	ug/L		10/28/20 14:34	11/12/20 11:41	1
Sodium	2600		1000	480	ug/L		10/28/20 14:34	11/12/20 11:41	1
Barium	22		10	1.7	ug/L		10/28/20 14:34	11/12/20 11:41	1
Beryllium	0.16	I V	4.0	0.10	ug/L		10/28/20 14:34	11/12/20 11:41	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/28/20 14:34	11/12/20 11:41	1
Chromium	1.6	U	10	1.6	ug/L		10/28/20 14:34	11/12/20 11:41	1
Cobalt	1.0	U	10	1.0	ug/L		10/28/20 14:34	11/12/20 11:41	1
Copper	2.0	I	20	1.8	ug/L		10/28/20 14:34	11/12/20 11:41	1
Lead	7.0	I	10	3.9	ug/L		10/28/20 14:34	11/12/20 11:41	1
Nickel	2.1	U	40	2.1	ug/L		10/28/20 14:34	11/12/20 11:41	1
Selenium	9.9	U	20	9.9	ug/L		10/28/20 14:34	11/12/20 11:41	1
Silver	0.60	U	10	0.60	ug/L		10/28/20 14:34	11/12/20 11:41	1
Vanadium	4.1	I	10	1.0	ug/L		10/28/20 14:34	11/12/20 11:41	1
Zinc	7.0	U	20	7.0	ug/L		10/28/20 14:34	11/12/20 11:41	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/28/20 14:34	10/29/20 14:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/29/20 10:09	10/29/20 14:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/29/20 12:58	1
Nitrate Nitrite as N	0.40		0.015	0.0050	mg/L			10/27/20 15:45	1
Total Dissolved Solids	54		20	20	mg/L			10/28/20 08:33	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW14D

Lab Sample ID: 660-105349-1

Date Collected: 10/22/20 10:02

Matrix: Water

Date Received: 10/27/20 10:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/28/20 13:57	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/28/20 13:57	1
Benzene	0.25	U	1.0	0.25	ug/L			10/28/20 13:57	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/28/20 13:57	1
Bromomethane	2.5	U	10	2.5	ug/L			10/28/20 13:57	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/28/20 13:57	1
Carbon disulfide	0.35	U J3	2.0	0.35	ug/L			10/28/20 13:57	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/28/20 13:57	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/28/20 13:57	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/28/20 13:57	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/28/20 13:57	1
Chloroethane	2.5	U	10	2.5	ug/L			10/28/20 13:57	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/28/20 13:57	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/28/20 13:57	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/28/20 13:57	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/28/20 13:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/28/20 13:57	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/28/20 13:57	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/28/20 13:57	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/28/20 13:57	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/28/20 13:57	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/28/20 13:57	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/28/20 13:57	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/28/20 13:57	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/28/20 13:57	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/28/20 13:57	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/28/20 13:57	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/28/20 13:57	1
Iodomethane	4.1	U	15	4.1	ug/L			10/28/20 13:57	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/28/20 13:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/28/20 13:57	1
Styrene	0.49	U	2.0	0.49	ug/L			10/28/20 13:57	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/28/20 13:57	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/28/20 13:57	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/28/20 13:57	1
Toluene	0.24	U	1.0	0.24	ug/L			10/28/20 13:57	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/28/20 13:57	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/28/20 13:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/28/20 13:57	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/28/20 13:57	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/28/20 13:57	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/28/20 13:57	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/28/20 13:57	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/28/20 13:57	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/28/20 13:57	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/28/20 13:57	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/28/20 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		10/28/20 13:57	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW14D

Lab Sample ID: 660-105349-1

Date Collected: 10/22/20 10:02

Matrix: Water

Date Received: 10/27/20 10:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		70 - 130		10/28/20 13:57	1
Toluene-d8 (Surr)	105		70 - 130		10/28/20 13:57	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18		0.50	0.20	mg/L			10/29/20 20:40	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/28/20 15:11	10/30/20 03:44	1
Iron	29	I	50	17	ug/L		10/28/20 15:11	10/30/20 03:44	1
Arsenic	6.2	U	20	6.2	ug/L		10/28/20 15:11	10/30/20 03:44	1
Sodium	8700	V	1000	480	ug/L		10/28/20 15:11	10/30/20 03:44	1
Barium	7.1	I	10	1.7	ug/L		10/28/20 15:11	10/30/20 03:44	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/28/20 15:11	10/30/20 03:44	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/28/20 15:11	10/30/20 03:44	1
Chromium	1.6	U	10	1.6	ug/L		10/28/20 15:11	10/30/20 03:44	1
Cobalt	1.0	U	10	1.0	ug/L		10/28/20 15:11	10/30/20 03:44	1
Copper	1.8	U	20	1.8	ug/L		10/28/20 15:11	10/30/20 03:44	1
Lead	3.9	U	10	3.9	ug/L		10/28/20 15:11	10/30/20 03:44	1
Nickel	2.1	U	40	2.1	ug/L		10/28/20 15:11	10/30/20 03:44	1
Selenium	9.9	U	20	9.9	ug/L		10/28/20 15:11	10/30/20 03:44	1
Silver	0.60	U	10	0.60	ug/L		10/28/20 15:11	10/30/20 03:44	1
Vanadium	2.4	I	10	1.0	ug/L		10/28/20 15:11	10/30/20 03:44	1
Zinc	7.0	U	20	7.0	ug/L		10/28/20 15:11	10/30/20 03:44	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/28/20 15:11	10/29/20 15:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/29/20 10:09	10/29/20 14:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/29/20 13:03	1
Nitrate Nitrite as N	0.50		0.015	0.0050	mg/L			10/27/20 15:46	1
Total Dissolved Solids	180		20	20	mg/L			10/28/20 08:33	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW12D

Lab Sample ID: 660-105349-2

Date Collected: 10/22/20 11:17

Matrix: Water

Date Received: 10/27/20 10:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/28/20 14:17	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/28/20 14:17	1
Benzene	0.25	U	1.0	0.25	ug/L			10/28/20 14:17	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/28/20 14:17	1
Bromomethane	2.5	U	10	2.5	ug/L			10/28/20 14:17	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/28/20 14:17	1
Carbon disulfide	0.35	U J3	2.0	0.35	ug/L			10/28/20 14:17	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/28/20 14:17	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/28/20 14:17	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/28/20 14:17	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/28/20 14:17	1
Chloroethane	2.5	U	10	2.5	ug/L			10/28/20 14:17	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/28/20 14:17	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/28/20 14:17	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/28/20 14:17	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/28/20 14:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/28/20 14:17	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/28/20 14:17	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/28/20 14:17	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/28/20 14:17	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/28/20 14:17	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/28/20 14:17	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/28/20 14:17	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/28/20 14:17	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/28/20 14:17	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/28/20 14:17	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/28/20 14:17	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/28/20 14:17	1
Iodomethane	4.1	U	15	4.1	ug/L			10/28/20 14:17	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/28/20 14:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/28/20 14:17	1
Styrene	0.49	U	2.0	0.49	ug/L			10/28/20 14:17	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/28/20 14:17	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/28/20 14:17	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/28/20 14:17	1
Toluene	0.24	U	1.0	0.24	ug/L			10/28/20 14:17	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/28/20 14:17	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/28/20 14:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/28/20 14:17	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/28/20 14:17	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/28/20 14:17	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/28/20 14:17	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/28/20 14:17	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/28/20 14:17	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/28/20 14:17	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/28/20 14:17	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/28/20 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		10/28/20 14:17	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW12D

Lab Sample ID: 660-105349-2

Date Collected: 10/22/20 11:17

Matrix: Water

Date Received: 10/27/20 10:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		70 - 130		10/28/20 14:17	1
Toluene-d8 (Surr)	105		70 - 130		10/28/20 14:17	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20		0.50	0.20	mg/L			10/29/20 20:53	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/28/20 15:11	10/30/20 04:15	1
Iron	17	U	50	17	ug/L		10/28/20 15:11	10/30/20 04:15	1
Arsenic	6.2	U	20	6.2	ug/L		10/28/20 15:11	10/30/20 04:15	1
Sodium	6700	V	1000	480	ug/L		10/28/20 15:11	10/30/20 04:15	1
Barium	3.4	I	10	1.7	ug/L		10/28/20 15:11	10/30/20 04:15	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/28/20 15:11	10/30/20 04:15	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/28/20 15:11	10/30/20 04:15	1
Chromium	1.6	U	10	1.6	ug/L		10/28/20 15:11	10/30/20 04:15	1
Cobalt	1.0	U	10	1.0	ug/L		10/28/20 15:11	10/30/20 04:15	1
Copper	1.8	U	20	1.8	ug/L		10/28/20 15:11	10/30/20 04:15	1
Lead	3.9	U	10	3.9	ug/L		10/28/20 15:11	10/30/20 04:15	1
Nickel	2.1	U	40	2.1	ug/L		10/28/20 15:11	10/30/20 04:15	1
Selenium	9.9	U	20	9.9	ug/L		10/28/20 15:11	10/30/20 04:15	1
Silver	0.60	U	10	0.60	ug/L		10/28/20 15:11	10/30/20 04:15	1
Vanadium	1.9	I	10	1.0	ug/L		10/28/20 15:11	10/30/20 04:15	1
Zinc	7.0	U	20	7.0	ug/L		10/28/20 15:11	10/30/20 04:15	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/28/20 15:11	10/29/20 15:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/29/20 10:09	10/29/20 14:50	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/29/20 12:32	1
Nitrate Nitrite as N	0.52		0.015	0.0050	mg/L			10/27/20 15:48	1
Total Dissolved Solids	180		20	20	mg/L			10/28/20 08:33	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW3A

Lab Sample ID: 660-105480-1

Date Collected: 10/27/20 10:44

Matrix: Water

Date Received: 10/29/20 10:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			11/02/20 14:26	1
Acrylonitrile	2.9	U	10	2.9	ug/L			11/02/20 14:26	1
Benzene	0.25	U	1.0	0.25	ug/L			11/02/20 14:26	1
Bromoform	1.1	U	5.0	1.1	ug/L			11/02/20 14:26	1
Bromomethane	2.5	U	10	2.5	ug/L			11/02/20 14:26	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			11/02/20 14:26	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			11/02/20 14:26	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			11/02/20 14:26	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			11/02/20 14:26	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			11/02/20 14:26	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			11/02/20 14:26	1
Chloroethane	2.5	U	10	2.5	ug/L			11/02/20 14:26	1
Chloroform	0.29	U	1.0	0.29	ug/L			11/02/20 14:26	1
Chloromethane	0.76	U	2.0	0.76	ug/L			11/02/20 14:26	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			11/02/20 14:26	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			11/02/20 14:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			11/02/20 14:26	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			11/02/20 14:26	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			11/02/20 14:26	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			11/02/20 14:26	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			11/02/20 14:26	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			11/02/20 14:26	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			11/02/20 14:26	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/02/20 14:26	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			11/02/20 14:26	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			11/02/20 14:26	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			11/02/20 14:26	1
2-Hexanone	4.4	U	15	4.4	ug/L			11/02/20 14:26	1
Iodomethane	4.1	U	15	4.1	ug/L			11/02/20 14:26	1
Methylene Chloride	1.4	U	10	1.4	ug/L			11/02/20 14:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			11/02/20 14:26	1
Styrene	0.49	U	2.0	0.49	ug/L			11/02/20 14:26	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			11/02/20 14:26	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			11/02/20 14:26	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			11/02/20 14:26	1
Toluene	0.24	U	1.0	0.24	ug/L			11/02/20 14:26	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			11/02/20 14:26	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			11/02/20 14:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/02/20 14:26	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			11/02/20 14:26	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			11/02/20 14:26	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			11/02/20 14:26	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			11/02/20 14:26	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			11/02/20 14:26	1
Vinyl acetate	2.6	U	10	2.6	ug/L			11/02/20 14:26	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			11/02/20 14:26	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			11/02/20 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130		11/02/20 14:26	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW3A

Lab Sample ID: 660-105480-1

Date Collected: 10/27/20 10:44

Matrix: Water

Date Received: 10/29/20 10:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	105		70 - 130		11/02/20 14:26	1
Toluene-d8 (Surr)	105		70 - 130		11/02/20 14:26	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24		0.50	0.20	mg/L			11/02/20 16:43	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/03/20 13:25	11/04/20 19:03	1
Iron	130		50	17	ug/L		11/03/20 13:25	11/04/20 19:03	1
Arsenic	6.2	U	20	6.2	ug/L		11/03/20 13:25	11/04/20 19:03	1
Sodium	11000		1000	480	ug/L		11/03/20 13:25	11/04/20 19:03	1
Barium	5.9	I	10	1.7	ug/L		11/03/20 13:25	11/04/20 19:03	1
Beryllium	0.10	U	4.0	0.10	ug/L		11/03/20 13:25	11/04/20 19:03	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/03/20 13:25	11/04/20 19:03	1
Chromium	1.6	U	10	1.6	ug/L		11/03/20 13:25	11/04/20 19:03	1
Cobalt	1.0	U	10	1.0	ug/L		11/03/20 13:25	11/04/20 19:03	1
Copper	1.8	U	20	1.8	ug/L		11/03/20 13:25	11/04/20 19:03	1
Lead	3.9	U	10	3.9	ug/L		11/03/20 13:25	11/04/20 19:03	1
Nickel	2.6	I	40	2.1	ug/L		11/03/20 13:25	11/04/20 19:03	1
Selenium	11	I	20	9.9	ug/L		11/03/20 13:25	11/04/20 19:03	1
Silver	0.60	U	10	0.60	ug/L		11/03/20 13:25	11/04/20 19:03	1
Vanadium	1.0	U	10	1.0	ug/L		11/03/20 13:25	11/04/20 19:03	1
Zinc	7.0	U	20	7.0	ug/L		11/03/20 13:25	11/04/20 19:03	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/03/20 13:25	11/04/20 15:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/30/20 09:29	10/30/20 13:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.11	I	0.25	0.10	mg/L			11/02/20 15:03	1
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/30/20 16:25	1
Total Dissolved Solids	180		20	20	mg/L			10/30/20 07:57	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW24S

Lab Sample ID: 660-105480-2

Date Collected: 10/27/20 14:56

Matrix: Water

Date Received: 10/29/20 10:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			11/02/20 15:12	1
Acrylonitrile	2.9	U	10	2.9	ug/L			11/02/20 15:12	1
Benzene	0.25	U	1.0	0.25	ug/L			11/02/20 15:12	1
Bromoform	1.1	U	5.0	1.1	ug/L			11/02/20 15:12	1
Bromomethane	2.5	U	10	2.5	ug/L			11/02/20 15:12	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			11/02/20 15:12	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			11/02/20 15:12	1
Carbon tetrachloride	0.23	U J3	1.0	0.23	ug/L			11/02/20 15:12	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			11/02/20 15:12	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			11/02/20 15:12	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			11/02/20 15:12	1
Chloroethane	2.5	U	10	2.5	ug/L			11/02/20 15:12	1
Chloroform	0.29	U	1.0	0.29	ug/L			11/02/20 15:12	1
Chloromethane	0.76	U	2.0	0.76	ug/L			11/02/20 15:12	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			11/02/20 15:12	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			11/02/20 15:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			11/02/20 15:12	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			11/02/20 15:12	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			11/02/20 15:12	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			11/02/20 15:12	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			11/02/20 15:12	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			11/02/20 15:12	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			11/02/20 15:12	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/02/20 15:12	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			11/02/20 15:12	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			11/02/20 15:12	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			11/02/20 15:12	1
2-Hexanone	4.4	U	15	4.4	ug/L			11/02/20 15:12	1
Iodomethane	4.1	U	15	4.1	ug/L			11/02/20 15:12	1
Methylene Chloride	1.4	U	10	1.4	ug/L			11/02/20 15:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			11/02/20 15:12	1
Styrene	0.49	U	2.0	0.49	ug/L			11/02/20 15:12	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			11/02/20 15:12	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			11/02/20 15:12	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			11/02/20 15:12	1
Toluene	0.24	U	1.0	0.24	ug/L			11/02/20 15:12	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			11/02/20 15:12	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			11/02/20 15:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/02/20 15:12	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			11/02/20 15:12	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			11/02/20 15:12	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			11/02/20 15:12	1
Trichlorofluoromethane	0.49	U J3	5.0	0.49	ug/L			11/02/20 15:12	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			11/02/20 15:12	1
Vinyl acetate	2.6	U	10	2.6	ug/L			11/02/20 15:12	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			11/02/20 15:12	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			11/02/20 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130		11/02/20 15:12	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW24S

Lab Sample ID: 660-105480-2

Date Collected: 10/27/20 14:56

Matrix: Water

Date Received: 10/29/20 10:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	107		70 - 130		11/02/20 15:12	1
Toluene-d8 (Surr)	105		70 - 130		11/02/20 15:12	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29		0.50	0.20	mg/L			11/02/20 16:56	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/03/20 15:45	11/04/20 16:36	1
Iron	35	I	50	17	ug/L		11/03/20 15:45	11/04/20 16:36	1
Arsenic	6.2	U	20	6.2	ug/L		11/03/20 15:45	11/04/20 16:36	1
Sodium	13000		1000	480	ug/L		11/03/20 15:45	11/04/20 16:36	1
Barium	15		10	1.7	ug/L		11/03/20 15:45	11/04/20 16:36	1
Beryllium	0.13	I V	4.0	0.10	ug/L		11/03/20 15:45	11/04/20 16:36	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/03/20 15:45	11/04/20 16:36	1
Chromium	1.6	U	10	1.6	ug/L		11/03/20 15:45	11/04/20 16:36	1
Cobalt	1.0	U	10	1.0	ug/L		11/03/20 15:45	11/04/20 16:36	1
Copper	1.8	U	20	1.8	ug/L		11/03/20 15:45	11/04/20 16:36	1
Lead	3.9	U	10	3.9	ug/L		11/03/20 15:45	11/04/20 16:36	1
Nickel	2.1	U	40	2.1	ug/L		11/03/20 15:45	11/04/20 16:36	1
Selenium	12	I	20	9.9	ug/L		11/03/20 15:45	11/04/20 16:36	1
Silver	0.60	U	10	0.60	ug/L		11/03/20 15:45	11/04/20 16:36	1
Vanadium	1.0	I	10	1.0	ug/L		11/03/20 15:45	11/04/20 16:36	1
Zinc	7.0	U	20	7.0	ug/L		11/03/20 15:45	11/04/20 16:36	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/03/20 15:45	11/04/20 15:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/30/20 09:29	10/30/20 13:12	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			11/02/20 17:10	1
Nitrate Nitrite as N	1.7		0.015	0.0050	mg/L			10/30/20 16:27	1
Total Dissolved Solids	200		20	20	mg/L			10/30/20 07:57	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW27D

Lab Sample ID: 660-105566-1

Date Collected: 10/29/20 14:02

Matrix: Water

Date Received: 11/03/20 11:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			11/08/20 12:41	1
Acrylonitrile	2.9	U	10	2.9	ug/L			11/08/20 12:41	1
Benzene	0.25	U	1.0	0.25	ug/L			11/08/20 12:41	1
Bromoform	1.1	U	5.0	1.1	ug/L			11/08/20 12:41	1
Bromomethane	2.5	U	10	2.5	ug/L			11/08/20 12:41	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			11/08/20 12:41	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			11/08/20 12:41	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			11/08/20 12:41	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			11/08/20 12:41	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			11/08/20 12:41	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			11/08/20 12:41	1
Chloroethane	2.5	U	10	2.5	ug/L			11/08/20 12:41	1
Chloroform	0.29	U	1.0	0.29	ug/L			11/08/20 12:41	1
Chloromethane	0.76	U	2.0	0.76	ug/L			11/08/20 12:41	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			11/08/20 12:41	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			11/08/20 12:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			11/08/20 12:41	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			11/08/20 12:41	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			11/08/20 12:41	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			11/08/20 12:41	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			11/08/20 12:41	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			11/08/20 12:41	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			11/08/20 12:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/20 12:41	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			11/08/20 12:41	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			11/08/20 12:41	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			11/08/20 12:41	1
2-Hexanone	4.4	U	15	4.4	ug/L			11/08/20 12:41	1
Iodomethane	4.1	U	15	4.1	ug/L			11/08/20 12:41	1
Methylene Chloride	1.4	U	10	1.4	ug/L			11/08/20 12:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			11/08/20 12:41	1
Styrene	0.49	U	2.0	0.49	ug/L			11/08/20 12:41	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			11/08/20 12:41	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			11/08/20 12:41	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			11/08/20 12:41	1
Toluene	0.24	U	1.0	0.24	ug/L			11/08/20 12:41	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			11/08/20 12:41	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			11/08/20 12:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/08/20 12:41	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			11/08/20 12:41	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			11/08/20 12:41	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			11/08/20 12:41	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			11/08/20 12:41	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			11/08/20 12:41	1
Vinyl acetate	2.6	U	10	2.6	ug/L			11/08/20 12:41	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			11/08/20 12:41	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			11/08/20 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		70 - 130		11/08/20 12:41	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW27D

Lab Sample ID: 660-105566-1

Date Collected: 10/29/20 14:02

Matrix: Water

Date Received: 11/03/20 11:09

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	109		70 - 130		11/08/20 12:41	1
Toluene-d8 (Surr)	107		70 - 130		11/08/20 12:41	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		0.50	0.20	mg/L			11/05/20 18:19	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/05/20 18:10	11/10/20 07:27	1
Iron	51		50	17	ug/L		11/05/20 18:10	11/10/20 07:27	1
Arsenic	6.2	U	20	6.2	ug/L		11/05/20 18:10	11/10/20 07:27	1
Sodium	3000		1000	480	ug/L		11/05/20 18:10	11/10/20 07:27	1
Barium	8.5	I	10	1.7	ug/L		11/05/20 18:10	11/10/20 07:27	1
Beryllium	0.10	U	4.0	0.10	ug/L		11/05/20 18:10	11/10/20 07:27	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/05/20 18:10	11/10/20 07:27	1
Chromium	1.6	U	10	1.6	ug/L		11/05/20 18:10	11/10/20 07:27	1
Cobalt	1.0	U	10	1.0	ug/L		11/05/20 18:10	11/10/20 07:27	1
Copper	1.8	U	20	1.8	ug/L		11/05/20 18:10	11/10/20 07:27	1
Lead	3.9	U	10	3.9	ug/L		11/05/20 18:10	11/10/20 07:27	1
Nickel	2.1	U	40	2.1	ug/L		11/05/20 18:10	11/10/20 07:27	1
Selenium	9.9	U	20	9.9	ug/L		11/05/20 18:10	11/10/20 07:27	1
Silver	0.60	U	10	0.60	ug/L		11/05/20 18:10	11/10/20 07:27	1
Vanadium	1.5	I	10	1.0	ug/L		11/05/20 18:10	11/10/20 07:27	1
Zinc	7.0	U	20	7.0	ug/L		11/05/20 18:10	11/10/20 07:27	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/05/20 18:08	11/06/20 20:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		11/06/20 11:00	11/07/20 19:59	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.18	I	0.25	0.10	mg/L			11/05/20 11:53	1
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			11/10/20 14:35	1
Total Dissolved Solids	130		20	20	mg/L			11/04/20 08:25	1

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW-24D

Lab Sample ID: 660-105567-1

Date Collected: 10/30/20 09:27

Matrix: Water

Date Received: 11/03/20 11:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			11/08/20 13:04	1
Acrylonitrile	2.9	U	10	2.9	ug/L			11/08/20 13:04	1
Benzene	0.25	U	1.0	0.25	ug/L			11/08/20 13:04	1
Bromoform	1.1	U	5.0	1.1	ug/L			11/08/20 13:04	1
Bromomethane	2.5	U	10	2.5	ug/L			11/08/20 13:04	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			11/08/20 13:04	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			11/08/20 13:04	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			11/08/20 13:04	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			11/08/20 13:04	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			11/08/20 13:04	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			11/08/20 13:04	1
Chloroethane	2.5	U	10	2.5	ug/L			11/08/20 13:04	1
Chloroform	0.29	U	1.0	0.29	ug/L			11/08/20 13:04	1
Chloromethane	0.76	U	2.0	0.76	ug/L			11/08/20 13:04	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			11/08/20 13:04	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			11/08/20 13:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			11/08/20 13:04	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			11/08/20 13:04	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			11/08/20 13:04	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			11/08/20 13:04	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			11/08/20 13:04	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			11/08/20 13:04	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			11/08/20 13:04	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/20 13:04	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			11/08/20 13:04	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			11/08/20 13:04	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			11/08/20 13:04	1
2-Hexanone	4.4	U	15	4.4	ug/L			11/08/20 13:04	1
Iodomethane	4.1	U	15	4.1	ug/L			11/08/20 13:04	1
Methylene Chloride	1.4	U	10	1.4	ug/L			11/08/20 13:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			11/08/20 13:04	1
Styrene	0.49	U	2.0	0.49	ug/L			11/08/20 13:04	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			11/08/20 13:04	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			11/08/20 13:04	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			11/08/20 13:04	1
Toluene	0.24	U	1.0	0.24	ug/L			11/08/20 13:04	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			11/08/20 13:04	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			11/08/20 13:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/08/20 13:04	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			11/08/20 13:04	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			11/08/20 13:04	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			11/08/20 13:04	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			11/08/20 13:04	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			11/08/20 13:04	1
Vinyl acetate	2.6	U	10	2.6	ug/L			11/08/20 13:04	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			11/08/20 13:04	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			11/08/20 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		70 - 130		11/08/20 13:04	1

Eurofins TestAmerica, Tampa

Client Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW-24D

Lab Sample ID: 660-105567-1

Date Collected: 10/30/20 09:27

Matrix: Water

Date Received: 11/03/20 11:09

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	112		70 - 130		11/08/20 13:04	1
Toluene-d8 (Surr)	109		70 - 130		11/08/20 13:04	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43		0.50	0.20	mg/L			11/05/20 18:57	1

Method: 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/05/20 18:10	11/10/20 07:32	1
Iron	17	U	50	17	ug/L		11/05/20 18:10	11/10/20 07:32	1
Arsenic	6.2	U	20	6.2	ug/L		11/05/20 18:10	11/10/20 07:32	1
Sodium	19000		1000	480	ug/L		11/05/20 18:10	11/10/20 07:32	1
Barium	13		10	1.7	ug/L		11/05/20 18:10	11/10/20 07:32	1
Beryllium	0.10	U	4.0	0.10	ug/L		11/05/20 18:10	11/10/20 07:32	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/05/20 18:10	11/10/20 07:32	1
Chromium	1.6	U	10	1.6	ug/L		11/05/20 18:10	11/10/20 07:32	1
Cobalt	1.0	U	10	1.0	ug/L		11/05/20 18:10	11/10/20 07:32	1
Copper	1.8	U	20	1.8	ug/L		11/05/20 18:10	11/10/20 07:32	1
Lead	3.9	U	10	3.9	ug/L		11/05/20 18:10	11/10/20 07:32	1
Nickel	2.1	U	40	2.1	ug/L		11/05/20 18:10	11/10/20 07:32	1
Selenium	9.9	U	20	9.9	ug/L		11/05/20 18:10	11/10/20 07:32	1
Silver	0.60	U	10	0.60	ug/L		11/05/20 18:10	11/10/20 07:32	1
Vanadium	1.7	I	10	1.0	ug/L		11/05/20 18:10	11/10/20 07:32	1
Zinc	7.0	U	20	7.0	ug/L		11/05/20 18:10	11/10/20 07:32	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/05/20 18:08	11/06/20 20:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		11/06/20 11:00	11/07/20 20:04	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			11/05/20 11:55	1
Nitrate Nitrite as N	0.69		0.015	0.0050	mg/L			11/10/20 14:43	1
Total Dissolved Solids	290		20	20	mg/L			11/04/20 08:25	1

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-229369/6

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/09/20 10:38	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/09/20 10:38	1
Benzene	0.25	U	1.0	0.25	ug/L			10/09/20 10:38	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/09/20 10:38	1
Bromomethane	2.5	U	10	2.5	ug/L			10/09/20 10:38	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/09/20 10:38	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/09/20 10:38	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/09/20 10:38	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/09/20 10:38	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/09/20 10:38	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/09/20 10:38	1
Chloroethane	2.5	U	10	2.5	ug/L			10/09/20 10:38	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/09/20 10:38	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/09/20 10:38	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/09/20 10:38	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/09/20 10:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/09/20 10:38	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/09/20 10:38	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/09/20 10:38	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/09/20 10:38	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/09/20 10:38	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/09/20 10:38	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/09/20 10:38	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/09/20 10:38	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/09/20 10:38	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/09/20 10:38	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/09/20 10:38	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/09/20 10:38	1
Iodomethane	4.1	U	15	4.1	ug/L			10/09/20 10:38	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/09/20 10:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/09/20 10:38	1
Styrene	0.49	U	2.0	0.49	ug/L			10/09/20 10:38	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/09/20 10:38	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/09/20 10:38	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/09/20 10:38	1
Toluene	0.24	U	1.0	0.24	ug/L			10/09/20 10:38	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/09/20 10:38	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/09/20 10:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/09/20 10:38	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/09/20 10:38	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/09/20 10:38	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/09/20 10:38	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/09/20 10:38	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/09/20 10:38	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/09/20 10:38	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/09/20 10:38	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/09/20 10:38	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-229369/6

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		10/09/20 10:38	1
Dibromofluoromethane	103		70 - 130		10/09/20 10:38	1
Toluene-d8 (Surr)	103		70 - 130		10/09/20 10:38	1

Lab Sample ID: LCS 660-229369/4

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	66.9		ug/L		67	45 - 150
Acrylonitrile	100	99.0		ug/L		99	64 - 124
Benzene	10.0	9.92		ug/L		99	66 - 131
Bromoform	10.0	9.23		ug/L		92	59 - 119
Bromomethane	10.0	8.09	I	ug/L		81	10 - 137
2-Butanone (MEK)	100	92.0		ug/L		92	46 - 146
Carbon disulfide	10.0	9.57		ug/L		96	52 - 129
Carbon tetrachloride	10.0	10.2		ug/L		102	62 - 124
Chlorobenzene	10.0	11.1		ug/L		111	67 - 130
Chlorobromomethane	10.0	10.8		ug/L		108	67 - 130
Chlorodibromomethane	10.0	9.61		ug/L		96	58 - 124
Chloroethane	10.0	9.81	I	ug/L		98	49 - 150
Chloroform	10.0	10.8		ug/L		108	77 - 119
Chloromethane	10.0	6.94		ug/L		69	52 - 137
cis-1,2-Dichloroethene	10.0	9.61		ug/L		96	69 - 133
cis-1,3-Dichloropropene	10.0	9.45		ug/L		94	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.32	I	ug/L		83	54 - 133
Dibromomethane	10.0	10.3		ug/L		103	63 - 123
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	69 - 133
1,4-Dichlorobenzene	10.0	11.1		ug/L		111	69 - 133
Dichlorobromomethane	10.0	9.60		ug/L		96	62 - 122
1,1-Dichloroethane	10.0	10.1		ug/L		101	68 - 130
1,2-Dichloroethane	10.0	10.6		ug/L		106	64 - 124
1,1-Dichloroethene	10.0	9.87		ug/L		99	62 - 133
1,2-Dichloropropane	10.0	9.37		ug/L		94	79 - 130
Ethylbenzene	10.0	10.9		ug/L		109	77 - 117
Ethylene Dibromide	10.0	10.3		ug/L		103	63 - 124
2-Hexanone	100	87.0		ug/L		87	47 - 147
Iodomethane	10.0	7.54	I	ug/L		75	10 - 150
Methylene Chloride	10.0	10.8		ug/L		108	64 - 124
4-Methyl-2-pentanone (MIBK)	100	85.2		ug/L		85	46 - 146
Styrene	10.0	10.4		ug/L		104	65 - 130
1,1,1,2-Tetrachloroethane	10.0	10.7		ug/L		107	65 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	67 - 130
Tetrachloroethene	10.0	9.75		ug/L		98	59 - 130
Toluene	10.0	10.2		ug/L		102	71 - 119
trans-1,4-Dichloro-2-butene	10.0	9.40	I	ug/L		94	48 - 138
trans-1,2-Dichloroethene	10.0	9.98		ug/L		100	67 - 130
trans-1,3-Dichloropropene	10.0	8.75		ug/L		87	57 - 121

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-229369/4

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	64 - 124
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	68 - 130
Trichloroethene	10.0	9.94		ug/L		99	65 - 130
Trichlorofluoromethane	10.0	10.2		ug/L		102	56 - 135
1,2,3-Trichloropropane	10.0	11.7		ug/L		117	68 - 130
Vinyl acetate	20.0	16.6		ug/L		83	62 - 122
Vinyl chloride	10.0	8.31		ug/L		83	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 660-104815-C-2 MS

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	8.3	I	100	75.3		ug/L		67	45 - 150
Acrylonitrile	2.9	U	100	112		ug/L		112	64 - 124
Benzene	0.25	U	10.0	11.3		ug/L		113	66 - 131
Bromoform	1.1	U	10.0	9.52		ug/L		95	59 - 119
Bromomethane	2.5	U	10.0	7.98	I	ug/L		80	37 - 137
2-Butanone (MEK)	5.8	I	100	87.3		ug/L		82	46 - 146
Carbon disulfide	0.35	U	10.0	11.0		ug/L		110	52 - 129
Carbon tetrachloride	0.23	U	10.0	11.9		ug/L		119	62 - 124
Chlorobenzene	0.27	U	10.0	12.7		ug/L		127	67 - 130
Chlorobromomethane	0.36	U	10.0	11.7		ug/L		117	67 - 130
Chlorodibromomethane	0.31	U	10.0	10.3		ug/L		103	58 - 124
Chloroethane	2.5	U	10.0	11.1		ug/L		111	49 - 150
Chloroform	0.29	U	10.0	11.9		ug/L		119	77 - 119
Chloromethane	0.76	U	10.0	7.61		ug/L		76	52 - 137
cis-1,2-Dichloroethene	0.32	U	10.0	10.1		ug/L		101	69 - 133
cis-1,3-Dichloropropene	0.39	U	10.0	10.2		ug/L		102	68 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.55	I	ug/L		95	54 - 133
Dibromomethane	0.46	U	10.0	11.9		ug/L		119	63 - 123
1,2-Dichlorobenzene	0.24	U	10.0	10.8		ug/L		108	69 - 133
1,4-Dichlorobenzene	0.22	U	10.0	11.7		ug/L		117	69 - 133
Dichlorobromomethane	0.23	U	10.0	10.4		ug/L		104	62 - 122
1,1-Dichloroethane	0.32	U	10.0	11.5		ug/L		115	68 - 130
1,2-Dichloroethane	0.31	U	10.0	11.6		ug/L		116	64 - 124
1,1-Dichloroethene	14		10.0	24.2		ug/L		104	62 - 133
1,2-Dichloropropane	0.52	U	10.0	10.1		ug/L		101	79 - 130
Ethylbenzene	0.27	U J3	10.0	12.8	J3	ug/L		128	77 - 117
Ethylene Dibromide	0.27	U	10.0	11.4		ug/L		114	63 - 124
2-Hexanone	4.4	U	100	99.6		ug/L		100	47 - 147
Iodomethane	4.1	U	10.0	7.58	I	ug/L		76	10 - 150
Methylene Chloride	1.4	U	10.0	10.4		ug/L		104	64 - 124

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-104815-C-2 MS

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	4.0	U	100	94.9		ug/L		95	46 - 146
Styrene	0.49	U	10.0	11.5		ug/L		115	65 - 130
1,1,1,2-Tetrachloroethane	0.36	U	10.0	12.1		ug/L		121	65 - 130
1,1,2,2-Tetrachloroethane	0.44	U	10.0	11.6		ug/L		116	67 - 130
Tetrachloroethene	0.50	U	10.0	10.7		ug/L		107	59 - 130
Toluene	0.24	U	10.0	11.6		ug/L		116	71 - 119
trans-1,4-Dichloro-2-butene	1.5	U	10.0	9.54	I	ug/L		95	48 - 138
trans-1,2-Dichloroethene	0.39	U	10.0	12.1		ug/L		121	67 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.53		ug/L		95	57 - 121
1,1,1-Trichloroethane	0.30	U	10.0	12.0		ug/L		120	64 - 124
1,1,2-Trichloroethane	0.29	U	10.0	11.4		ug/L		114	68 - 130
Trichloroethene	0.61	U	10.0	11.5		ug/L		115	65 - 130
Trichlorofluoromethane	0.49	U	10.0	12.1		ug/L		121	56 - 135
1,2,3-Trichloropropane	0.44	U	10.0	11.6		ug/L		116	68 - 130
Vinyl acetate	2.6	U	20.0	18.7		ug/L		93	62 - 122
Vinyl chloride	1.7		10.0	10.3		ug/L		87	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	95		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: 660-104815-C-1 DU

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3.0	U	3.0	U	ug/L		NC	30
Acrylonitrile	2.9	U	2.9	U	ug/L		NC	30
Benzene	0.25	U	0.25	U	ug/L		NC	30
Bromoform	1.1	U	1.1	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	3.2	U	3.2	U	ug/L		NC	30
Carbon disulfide	0.35	U	0.35	U	ug/L		NC	30
Carbon tetrachloride	0.23	U	0.23	U	ug/L		NC	30
Chlorobenzene	0.27	U	0.27	U	ug/L		NC	30
Chlorobromomethane	0.36	U	0.36	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.29	U	0.29	U	ug/L		NC	30
Chloromethane	0.76	U	0.76	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.32	U	0.32	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.24	U	0.24	U	ug/L		NC	30
1,4-Dichlorobenzene	0.22	U	0.22	U	ug/L		NC	30
Dichlorobromomethane	0.23	U	0.23	U	ug/L		NC	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-104815-C-1 DU

Matrix: Water

Analysis Batch: 229369

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	0.32	U	0.32	U	ug/L		NC	30
1,2-Dichloroethane	0.31	U	0.31	U	ug/L		NC	30
1,1-Dichloroethene	41		43.6		ug/L		7	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Ethylene Dibromide	0.27	U	0.27	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	4.1	U	4.1	U	ug/L		NC	30
Methylene Chloride	1.4	U	1.4	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Styrene	0.49	U	0.49	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.36	U	0.36	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.44	U	0.44	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	1.5	U	1.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.39	U	0.39	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,1,1-Trichloroethane	0.30	U	0.30	U	ug/L		NC	30
1,1,2-Trichloroethane	0.29	U	0.29	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	0.49	U	0.49	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
Vinyl acetate	2.6	U	2.6	U	ug/L		NC	30
Vinyl chloride	1.0		1.04		ug/L		0.6	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	%Recovery	DU Qualifier	DU Limits
4-Bromofluorobenzene	97		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: MB 660-229800/7

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/20/20 11:18	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/20/20 11:18	1
Benzene	0.25	U	1.0	0.25	ug/L			10/20/20 11:18	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/20/20 11:18	1
Bromomethane	2.5	U	10	2.5	ug/L			10/20/20 11:18	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/20/20 11:18	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/20/20 11:18	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/20/20 11:18	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/20/20 11:18	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/20/20 11:18	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/20/20 11:18	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-229800/7

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	10	2.5	ug/L			10/20/20 11:18	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/20/20 11:18	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/20/20 11:18	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/20/20 11:18	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/20/20 11:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/20/20 11:18	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/20/20 11:18	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/20/20 11:18	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/20/20 11:18	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/20/20 11:18	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/20/20 11:18	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/20/20 11:18	1
1,1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/20/20 11:18	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/20/20 11:18	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/20/20 11:18	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/20/20 11:18	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/20/20 11:18	1
Iodomethane	4.1	U	15	4.1	ug/L			10/20/20 11:18	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/20/20 11:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/20/20 11:18	1
Styrene	0.49	U	2.0	0.49	ug/L			10/20/20 11:18	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/20/20 11:18	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/20/20 11:18	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/20/20 11:18	1
Toluene	0.24	U	1.0	0.24	ug/L			10/20/20 11:18	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/20/20 11:18	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/20/20 11:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/20/20 11:18	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/20/20 11:18	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/20/20 11:18	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/20/20 11:18	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/20/20 11:18	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/20/20 11:18	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/20/20 11:18	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/20/20 11:18	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/20/20 11:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		10/20/20 11:18	1
Dibromofluoromethane	102		70 - 130		10/20/20 11:18	1
Toluene-d8 (Surr)	102		70 - 130		10/20/20 11:18	1

Lab Sample ID: LCS 660-229800/5

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	87.9		ug/L		88	45 - 150

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-229800/5

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrylonitrile	100	112		ug/L		112	64 - 124
Benzene	10.0	9.70		ug/L		97	66 - 131
Bromoform	10.0	9.25		ug/L		92	59 - 119
Bromomethane	10.0	7.41	I	ug/L		74	10 - 137
2-Butanone (MEK)	100	88.1		ug/L		88	46 - 146
Carbon disulfide	10.0	7.27		ug/L		73	52 - 129
Carbon tetrachloride	10.0	9.94		ug/L		99	62 - 124
Chlorobenzene	10.0	11.2		ug/L		112	67 - 130
Chlorobromomethane	10.0	10.5		ug/L		105	67 - 130
Chlorodibromomethane	10.0	10.2		ug/L		102	58 - 124
Chloroethane	10.0	10.7		ug/L		107	49 - 150
Chloroform	10.0	10.8		ug/L		108	77 - 119
Chloromethane	10.0	7.33		ug/L		73	52 - 137
cis-1,2-Dichloroethene	10.0	8.99		ug/L		90	69 - 133
cis-1,3-Dichloropropene	10.0	9.53		ug/L		95	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.15	I	ug/L		92	54 - 133
Dibromomethane	10.0	10.9		ug/L		109	63 - 123
1,2-Dichlorobenzene	10.0	10.6		ug/L		106	69 - 133
1,4-Dichlorobenzene	10.0	11.3		ug/L		113	69 - 133
Dichlorobromomethane	10.0	9.85		ug/L		98	62 - 122
1,1-Dichloroethane	10.0	10.3		ug/L		103	68 - 130
1,2-Dichloroethane	10.0	10.8		ug/L		108	64 - 124
1,1-Dichloroethene	10.0	8.92		ug/L		89	62 - 133
1,2-Dichloropropane	10.0	9.73		ug/L		97	79 - 130
Ethylbenzene	10.0	10.8		ug/L		108	77 - 117
Ethylene Dibromide	10.0	10.5		ug/L		105	63 - 124
2-Hexanone	100	110		ug/L		110	47 - 147
Iodomethane	10.0	7.23	I	ug/L		72	10 - 150
Methylene Chloride	10.0	9.87	I	ug/L		99	64 - 124
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	46 - 146
Styrene	10.0	10.5		ug/L		105	65 - 130
1,1,1,2-Tetrachloroethane	10.0	10.8		ug/L		108	65 - 130
1,1,2,2-Tetrachloroethane	10.0	11.6		ug/L		116	67 - 130
Tetrachloroethene	10.0	9.50		ug/L		95	59 - 130
Toluene	10.0	10.1		ug/L		101	71 - 119
trans-1,4-Dichloro-2-butene	10.0	7.69	I	ug/L		77	48 - 138
trans-1,2-Dichloroethene	10.0	9.48		ug/L		95	67 - 130
trans-1,3-Dichloropropene	10.0	9.00		ug/L		90	57 - 121
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	64 - 124
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	68 - 130
Trichloroethene	10.0	9.64		ug/L		96	65 - 130
Trichlorofluoromethane	10.0	11.2		ug/L		112	56 - 135
1,2,3-Trichloropropane	10.0	11.9		ug/L		119	68 - 130
Vinyl acetate	20.0	16.7		ug/L		83	62 - 122
Vinyl chloride	10.0	8.98		ug/L		90	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-229800/5

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 660-105045-1 MS

Matrix: Water

Analysis Batch: 229800

Client Sample ID: 4MW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3.0	U	100	133		ug/L		133	45 - 150
Acrylonitrile	2.9	U	100	118		ug/L		118	64 - 124
Benzene	0.25	U	10.0	10.6		ug/L		106	66 - 131
Bromoform	1.1	U	10.0	9.19		ug/L		92	59 - 119
Bromomethane	2.5	U	10.0	7.47	I	ug/L		75	37 - 137
2-Butanone (MEK)	3.2	U	100	98.9		ug/L		99	46 - 146
Carbon disulfide	0.35	U	10.0	7.98		ug/L		80	52 - 129
Carbon tetrachloride	0.23	U	10.0	10.9		ug/L		109	62 - 124
Chlorobenzene	0.27	U	10.0	12.0		ug/L		120	67 - 130
Chlorobromomethane	0.36	U	10.0	8.04		ug/L		80	67 - 130
Chlorodibromomethane	0.31	U	10.0	10.4		ug/L		104	58 - 124
Chloroethane	2.5	U	10.0	10.9		ug/L		109	49 - 150
Chloroform	0.29	U	10.0	9.33		ug/L		93	77 - 119
Chloromethane	0.76	U	10.0	8.56		ug/L		86	52 - 137
cis-1,2-Dichloroethene	0.32	U	10.0	9.75		ug/L		98	69 - 133
cis-1,3-Dichloropropene	0.39	U	10.0	9.49		ug/L		95	68 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.67	I	ug/L		97	54 - 133
Dibromomethane	0.46	U	10.0	10.8		ug/L		108	63 - 123
1,2-Dichlorobenzene	0.24	U	10.0	10.5		ug/L		105	69 - 133
1,4-Dichlorobenzene	0.22	U	10.0	11.3		ug/L		113	69 - 133
Dichlorobromomethane	0.23	U	10.0	10.1		ug/L		101	62 - 122
1,1-Dichloroethane	0.32	U	10.0	11.0		ug/L		110	68 - 130
1,2-Dichloroethane	0.31	U	10.0	11.4		ug/L		114	64 - 124
1,1-Dichloroethene	0.26	U	10.0	9.81		ug/L		98	62 - 133
1,2-Dichloropropane	0.52	U	10.0	10.1		ug/L		101	79 - 130
Ethylbenzene	0.27	U	10.0	11.7		ug/L		117	77 - 117
Ethylene Dibromide	0.27	U	10.0	11.0		ug/L		110	63 - 124
2-Hexanone	4.4	U	100	119		ug/L		119	47 - 147
Iodomethane	4.1	U	10.0	6.86	I	ug/L		69	10 - 150
Methylene Chloride	1.4	U	10.0	9.74	I	ug/L		97	64 - 124
4-Methyl-2-pentanone (MIBK)	4.0	U	100	113		ug/L		113	46 - 146
Styrene	0.49	U	10.0	10.7		ug/L		107	65 - 130
1,1,1,2-Tetrachloroethane	0.36	U	10.0	11.3		ug/L		113	65 - 130
1,1,2,2-Tetrachloroethane	0.44	U	10.0	11.9		ug/L		119	67 - 130
Tetrachloroethene	0.50	U	10.0	9.68		ug/L		97	59 - 130
Toluene	0.24	U	10.0	10.8		ug/L		108	71 - 119
trans-1,4-Dichloro-2-butene	1.5	U	10.0	8.52	I	ug/L		85	48 - 138
trans-1,2-Dichloroethene	0.39	U	10.0	10.4		ug/L		104	67 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.14		ug/L		91	57 - 121
1,1,1-Trichloroethane	0.30	U	10.0	11.1		ug/L		111	64 - 124

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105045-1 MS

Matrix: Water

Analysis Batch: 229800

Client Sample ID: 4MW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	0.29	U	10.0	11.2		ug/L		112	68 - 130
Trichloroethene	0.61	U	10.0	10.1		ug/L		101	65 - 130
Trichlorofluoromethane	0.49	U	10.0	12.1		ug/L		121	56 - 135
1,2,3-Trichloropropane	0.44	U	10.0	12.1		ug/L		121	68 - 130
Vinyl acetate	2.6	U	20.0	17.0		ug/L		85	62 - 122
Vinyl chloride	0.26	U	10.0	9.67		ug/L		97	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	95		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-105002-C-1 DU

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3.0	U	3.0	U	ug/L		NC	30
Acrylonitrile	2.9	U	2.9	U	ug/L		NC	30
Benzene	0.25	U	0.25	U	ug/L		NC	30
Bromoform	1.1	U	1.1	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	3.2	U	3.2	U	ug/L		NC	30
Carbon disulfide	0.35	U	0.35	U	ug/L		NC	30
Carbon tetrachloride	0.23	U	0.23	U	ug/L		NC	30
Chlorobenzene	0.27	U	0.27	U	ug/L		NC	30
Chlorobromomethane	0.36	U	0.36	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.29	U	0.29	U	ug/L		NC	30
Chloromethane	0.76	U	0.76	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.32	U	0.32	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.24	U	0.24	U	ug/L		NC	30
1,4-Dichlorobenzene	0.22	U	0.22	U	ug/L		NC	30
Dichlorobromomethane	0.23	U	0.23	U	ug/L		NC	30
1,1-Dichloroethane	0.32	U	0.32	U	ug/L		NC	30
1,2-Dichloroethane	0.31	U	0.31	U	ug/L		NC	30
1,1-Dichloroethene	0.26	U	0.26	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Ethylene Dibromide	0.27	U	0.27	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	4.1	U	4.1	U	ug/L		NC	30
Methylene Chloride	1.4	U	1.4	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105002-C-1 DU

Matrix: Water

Analysis Batch: 229800

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Styrene	0.49	U	0.49	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.36	U	0.36	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.44	U	0.44	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	1.5	U	1.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.39	U	0.39	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,1,1-Trichloroethane	0.30	U	0.30	U	ug/L		NC	30
1,1,2-Trichloroethane	0.29	U	0.29	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	0.49	U	0.49	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
Vinyl acetate	2.6	U	2.6	U	ug/L		NC	30
Vinyl chloride	0.26	U	0.26	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	%Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: MB 660-230031/6

Matrix: Water

Analysis Batch: 230031

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 09:09	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 09:09	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 09:09	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 09:09	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 09:09	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 09:09	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 09:09	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 09:09	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 09:09	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 09:09	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 09:09	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 09:09	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 09:09	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 09:09	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 09:09	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 09:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 09:09	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 09:09	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 09:09	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 09:09	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 09:09	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-230031/6

Matrix: Water

Analysis Batch: 230031

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 09:09	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 09:09	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 09:09	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 09:09	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 09:09	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 09:09	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 09:09	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 09:09	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 09:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 09:09	1
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 09:09	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 09:09	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 09:09	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 09:09	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 09:09	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 09:09	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 09:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 09:09	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 09:09	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 09:09	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 09:09	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 09:09	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 09:09	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 09:09	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 09:09	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 09:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		10/26/20 09:09	1
Dibromofluoromethane	104		70 - 130		10/26/20 09:09	1
Toluene-d8 (Surr)	104		70 - 130		10/26/20 09:09	1

Lab Sample ID: LCS 660-230031/4

Matrix: Water

Analysis Batch: 230031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	83.2		ug/L		83	45 - 150
Acrylonitrile	100	119		ug/L		119	64 - 124
Benzene	10.0	10.2		ug/L		102	66 - 131
Bromoform	10.0	9.28		ug/L		93	59 - 119
Bromomethane	10.0	9.95	I	ug/L		99	10 - 137
2-Butanone (MEK)	100	100		ug/L		100	46 - 146
Carbon disulfide	10.0	5.81		ug/L		58	52 - 129
Carbon tetrachloride	10.0	10.1		ug/L		101	62 - 124
Chlorobenzene	10.0	11.0		ug/L		110	67 - 130
Chlorobromomethane	10.0	10.8		ug/L		108	67 - 130
Chlorodibromomethane	10.0	10.1		ug/L		101	58 - 124

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-230031/4

Matrix: Water

Analysis Batch: 230031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	10.0	12.2		ug/L		122	49 - 150
Chloroform	10.0	11.0		ug/L		110	77 - 119
Chloromethane	10.0	8.16		ug/L		82	52 - 137
cis-1,2-Dichloroethene	10.0	8.95		ug/L		90	69 - 133
cis-1,3-Dichloropropene	10.0	9.74		ug/L		97	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.22	I	ug/L		92	54 - 133
Dibromomethane	10.0	11.5		ug/L		115	63 - 123
1,2-Dichlorobenzene	10.0	10.7		ug/L		107	69 - 133
1,4-Dichlorobenzene	10.0	11.3		ug/L		113	69 - 133
Dichlorobromomethane	10.0	10.2		ug/L		102	62 - 122
1,1-Dichloroethane	10.0	9.97		ug/L		100	68 - 130
1,2-Dichloroethane	10.0	11.2		ug/L		112	64 - 124
1,1-Dichloroethene	10.0	8.83		ug/L		88	62 - 133
1,2-Dichloropropane	10.0	9.96		ug/L		100	79 - 130
Ethylbenzene	10.0	11.0		ug/L		110	77 - 117
Ethylene Dibromide	10.0	11.3		ug/L		113	63 - 124
2-Hexanone	100	127		ug/L		127	47 - 147
Iodomethane	10.0	6.09	I	ug/L		61	10 - 150
Methylene Chloride	10.0	9.58	I	ug/L		96	64 - 124
4-Methyl-2-pentanone (MIBK)	100	118		ug/L		118	46 - 146
Styrene	10.0	10.7		ug/L		107	65 - 130
1,1,1,2-Tetrachloroethane	10.0	10.8		ug/L		108	65 - 130
1,1,2,2-Tetrachloroethane	10.0	12.1		ug/L		121	67 - 130
Tetrachloroethene	10.0	9.30		ug/L		93	59 - 130
Toluene	10.0	9.95		ug/L		99	71 - 119
trans-1,4-Dichloro-2-butene	10.0	11.0		ug/L		110	48 - 138
trans-1,2-Dichloroethene	10.0	9.48		ug/L		95	67 - 130
trans-1,3-Dichloropropene	10.0	8.90		ug/L		89	57 - 121
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	64 - 124
1,1,2-Trichloroethane	10.0	11.2		ug/L		112	68 - 130
Trichloroethene	10.0	10.2		ug/L		102	65 - 130
Trichlorofluoromethane	10.0	10.9		ug/L		109	56 - 135
1,2,3-Trichloropropane	10.0	12.7		ug/L		127	68 - 130
Vinyl acetate	20.0	19.6		ug/L		98	62 - 122
Vinyl chloride	10.0	10.0		ug/L		100	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 660-105142-2 MS

Matrix: Water

Analysis Batch: 230031

Client Sample ID: 2MW26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3.0	U	100	55.9		ug/L		56	45 - 150
Acrylonitrile	2.9	U	100	121		ug/L		121	64 - 124

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105142-2 MS

Matrix: Water

Analysis Batch: 230031

Client Sample ID: 2MW26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.25	U	10.0	10.8		ug/L		108	66 - 131
Bromoform	1.1	U	10.0	9.17		ug/L		92	59 - 119
Bromomethane	2.5	U	10.0	10.4		ug/L		104	37 - 137
2-Butanone (MEK)	3.2	U	100	110		ug/L		110	46 - 146
Carbon disulfide	0.35	U	10.0	6.43		ug/L		64	52 - 129
Carbon tetrachloride	0.23	U	10.0	11.5		ug/L		115	62 - 124
Chlorobenzene	0.27	U	10.0	11.7		ug/L		117	67 - 130
Chlorobromomethane	0.36	U	10.0	10.6		ug/L		106	67 - 130
Chlorodibromomethane	0.31	U	10.0	10.7		ug/L		107	58 - 124
Chloroethane	2.5	U	10.0	11.6		ug/L		116	49 - 150
Chloroform	0.29	U	10.0	11.8		ug/L		118	77 - 119
Chloromethane	0.76	U	10.0	9.55		ug/L		96	52 - 137
cis-1,2-Dichloroethene	0.32	U	10.0	9.84		ug/L		98	69 - 133
cis-1,3-Dichloropropene	0.39	U	10.0	10.4		ug/L		104	68 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.34	I	ug/L		93	54 - 133
Dibromomethane	0.46	U	10.0	11.5		ug/L		115	63 - 123
1,2-Dichlorobenzene	0.24	U	10.0	10.7		ug/L		107	69 - 133
1,4-Dichlorobenzene	0.22	U	10.0	11.5		ug/L		115	69 - 133
Dichlorobromomethane	0.23	U	10.0	10.9		ug/L		109	62 - 122
1,1-Dichloroethane	0.32	U	10.0	11.1		ug/L		111	68 - 130
1,2-Dichloroethane	0.31	U	10.0	12.1		ug/L		121	64 - 124
1,1-Dichloroethene	0.26	U	10.0	10.3		ug/L		103	62 - 133
1,2-Dichloropropane	0.52	U	10.0	10.7		ug/L		107	79 - 130
Ethylbenzene	0.27	U J3	10.0	12.0	J3	ug/L		120	77 - 117
Ethylene Dibromide	0.27	U	10.0	11.9		ug/L		119	63 - 124
2-Hexanone	4.4	U	100	136		ug/L		136	47 - 147
Iodomethane	4.1	U	10.0	6.07	I	ug/L		61	10 - 150
Methylene Chloride	1.4	U	10.0	9.71	I	ug/L		97	64 - 124
4-Methyl-2-pentanone (MIBK)	4.0	U	100	127		ug/L		127	46 - 146
Styrene	0.49	U	10.0	11.1		ug/L		111	65 - 130
1,1,1,2-Tetrachloroethane	0.36	U	10.0	11.1		ug/L		111	65 - 130
1,1,2,2-Tetrachloroethane	0.44	U	10.0	12.3		ug/L		123	67 - 130
Tetrachloroethene	0.50	U	10.0	10.2		ug/L		102	59 - 130
Toluene	0.24	U	10.0	11.0		ug/L		110	71 - 119
trans-1,4-Dichloro-2-butene	1.5	U	10.0	11.0		ug/L		110	48 - 138
trans-1,2-Dichloroethene	0.39	U	10.0	9.94		ug/L		99	67 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.53		ug/L		95	57 - 121
1,1,1-Trichloroethane	0.30	U	10.0	11.6		ug/L		116	64 - 124
1,1,2-Trichloroethane	0.29	U	10.0	11.6		ug/L		116	68 - 130
Trichloroethene	0.61	U	10.0	10.8		ug/L		108	65 - 130
Trichlorofluoromethane	0.49	U	10.0	11.5		ug/L		115	56 - 135
1,2,3-Trichloropropane	0.44	U J3	10.0	13.4	J3	ug/L		134	68 - 130
Vinyl acetate	2.6	U	20.0	18.4		ug/L		92	62 - 122
Vinyl chloride	0.26	U	10.0	9.75		ug/L		98	59 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene	98		70 - 130						
Dibromofluoromethane	101		70 - 130						

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105142-2 MS

Matrix: Water

Analysis Batch: 230031

Client Sample ID: 2MW26D

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 660-105142-1 DU

Matrix: Water

Analysis Batch: 230031

Client Sample ID: 4MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3.0	U	3.0	U	ug/L		NC	30
Acrylonitrile	2.9	U	2.9	U	ug/L		NC	30
Benzene	0.25	U	0.25	U	ug/L		NC	30
Bromoform	1.1	U	1.1	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	3.2	U	3.2	U	ug/L		NC	30
Carbon disulfide	0.35	U	0.35	U	ug/L		NC	30
Carbon tetrachloride	0.23	U	0.23	U	ug/L		NC	30
Chlorobenzene	0.27	U	0.27	U	ug/L		NC	30
Chlorobromomethane	0.36	U	0.36	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.29	U	0.29	U	ug/L		NC	30
Chloromethane	0.76	U	0.76	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.32	U	0.32	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.24	U	0.24	U	ug/L		NC	30
1,4-Dichlorobenzene	0.22	U	0.22	U	ug/L		NC	30
Dichlorobromomethane	0.23	U	0.23	U	ug/L		NC	30
1,1-Dichloroethane	0.32	U	0.32	U	ug/L		NC	30
1,2-Dichloroethane	0.31	U	0.31	U	ug/L		NC	30
1,1-Dichloroethene	0.26	U	0.26	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Ethylene Dibromide	0.27	U	0.27	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	4.1	U	4.1	U	ug/L		NC	30
Methylene Chloride	1.4	U	1.4	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Styrene	0.49	U	0.49	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.36	U	0.36	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.44	U	0.44	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	1.5	U	1.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.39	U	0.39	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,1,1-Trichloroethane	0.30	U	0.30	U	ug/L		NC	30
1,1,2-Trichloroethane	0.29	U	0.29	U	ug/L		NC	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105142-1 DU

Matrix: Water

Analysis Batch: 230031

Client Sample ID: 4MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	0.49	U	0.49	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
Vinyl acetate	2.6	U	2.6	U	ug/L		NC	30
Vinyl chloride	0.26	U	0.26	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: MB 660-230049/6

Matrix: Water

Analysis Batch: 230049

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/26/20 12:25	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/26/20 12:25	1
Benzene	0.25	U	1.0	0.25	ug/L			10/26/20 12:25	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/26/20 12:25	1
Bromomethane	2.5	U	10	2.5	ug/L			10/26/20 12:25	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/26/20 12:25	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/26/20 12:25	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/26/20 12:25	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/26/20 12:25	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/26/20 12:25	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/26/20 12:25	1
Chloroethane	2.5	U	10	2.5	ug/L			10/26/20 12:25	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/26/20 12:25	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/26/20 12:25	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/26/20 12:25	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/26/20 12:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/26/20 12:25	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/26/20 12:25	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/26/20 12:25	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/26/20 12:25	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/26/20 12:25	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/26/20 12:25	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/26/20 12:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/26/20 12:25	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/26/20 12:25	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/26/20 12:25	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/26/20 12:25	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/26/20 12:25	1
Iodomethane	4.1	U	15	4.1	ug/L			10/26/20 12:25	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/26/20 12:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/26/20 12:25	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-230049/6

Matrix: Water

Analysis Batch: 230049

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.49	U	2.0	0.49	ug/L			10/26/20 12:25	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/26/20 12:25	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/26/20 12:25	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/26/20 12:25	1
Toluene	0.24	U	1.0	0.24	ug/L			10/26/20 12:25	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/26/20 12:25	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/26/20 12:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/20 12:25	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/26/20 12:25	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/26/20 12:25	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/26/20 12:25	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/26/20 12:25	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/26/20 12:25	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/26/20 12:25	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/26/20 12:25	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/26/20 12:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		10/26/20 12:25	1
Dibromofluoromethane	100		70 - 130		10/26/20 12:25	1
Toluene-d8 (Surr)	103		70 - 130		10/26/20 12:25	1

Lab Sample ID: LCS 660-230049/4

Matrix: Water

Analysis Batch: 230049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	83.4		ug/L		83	45 - 150
Acrylonitrile	100	91.0		ug/L		91	64 - 124
Benzene	10.0	9.56		ug/L		96	66 - 131
Bromoform	10.0	8.78		ug/L		88	59 - 119
Bromomethane	10.0	5.07	I	ug/L		51	10 - 137
2-Butanone (MEK)	100	79.1		ug/L		79	46 - 146
Carbon disulfide	10.0	8.40		ug/L		84	52 - 129
Carbon tetrachloride	10.0	10.2		ug/L		102	62 - 124
Chlorobenzene	10.0	9.96		ug/L		100	67 - 130
Chlorobromomethane	10.0	9.55		ug/L		95	67 - 130
Chlorodibromomethane	10.0	10.1		ug/L		101	58 - 124
Chloroethane	10.0	11.9		ug/L		119	49 - 150
Chloroform	10.0	10.0		ug/L		100	77 - 119
Chloromethane	10.0	10.7		ug/L		107	52 - 137
cis-1,2-Dichloroethene	10.0	9.26		ug/L		93	69 - 133
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.95	I	ug/L		90	54 - 133
Dibromomethane	10.0	9.73		ug/L		97	63 - 123
1,2-Dichlorobenzene	10.0	9.43		ug/L		94	69 - 133
1,4-Dichlorobenzene	10.0	9.86		ug/L		99	69 - 133
Dichlorobromomethane	10.0	9.94		ug/L		99	62 - 122

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-230049/4

Matrix: Water

Analysis Batch: 230049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	10.0	9.75		ug/L		97	68 - 130
1,2-Dichloroethane	10.0	9.47		ug/L		95	64 - 124
1,1-Dichloroethene	10.0	9.68		ug/L		97	62 - 133
1,2-Dichloropropane	10.0	10.1		ug/L		101	79 - 130
Ethylbenzene	10.0	10.8		ug/L		108	77 - 117
Ethylene Dibromide	10.0	10.1		ug/L		101	63 - 124
2-Hexanone	100	85.3		ug/L		85	47 - 147
Iodomethane	10.0	5.65	I	ug/L		56	10 - 150
Methylene Chloride	10.0	9.26	I	ug/L		93	64 - 124
4-Methyl-2-pentanone (MIBK)	100	87.6		ug/L		88	46 - 146
Styrene	10.0	9.63		ug/L		96	65 - 130
1,1,1,2-Tetrachloroethane	10.0	9.99		ug/L		100	65 - 130
1,1,2,2-Tetrachloroethane	10.0	9.22		ug/L		92	67 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	59 - 130
Toluene	10.0	9.86		ug/L		99	71 - 119
trans-1,4-Dichloro-2-butene	10.0	8.14	I	ug/L		81	48 - 138
trans-1,2-Dichloroethene	10.0	9.50		ug/L		95	67 - 130
trans-1,3-Dichloropropene	10.0	8.64		ug/L		86	57 - 121
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	64 - 124
1,1,2-Trichloroethane	10.0	9.81		ug/L		98	68 - 130
Trichloroethene	10.0	9.72		ug/L		97	65 - 130
Trichlorofluoromethane	10.0	11.9		ug/L		119	56 - 135
1,2,3-Trichloropropane	10.0	9.31		ug/L		93	68 - 130
Vinyl acetate	20.0	18.3		ug/L		92	62 - 122
Vinyl chloride	10.0	11.6		ug/L		116	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-105211-2 MS

Matrix: Water

Analysis Batch: 230049

Client Sample ID: 2MW15DA

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3.0	U	100	94.8		ug/L		95	45 - 150
Acrylonitrile	2.9	U	100	104		ug/L		104	64 - 124
Benzene	0.25	U	10.0	10.5		ug/L		105	66 - 131
Bromoform	1.1	U	10.0	9.55		ug/L		96	59 - 119
Bromomethane	2.5	U	10.0	5.29	I	ug/L		53	37 - 137
2-Butanone (MEK)	3.2	U	100	98.2		ug/L		98	46 - 146
Carbon disulfide	0.35	U	10.0	8.29		ug/L		83	52 - 129
Carbon tetrachloride	0.23	U	10.0	11.3		ug/L		113	62 - 124
Chlorobenzene	0.27	U	10.0	10.7		ug/L		107	67 - 130
Chlorobromomethane	0.36	U	10.0	10.6		ug/L		106	67 - 130
Chlorodibromomethane	0.31	U	10.0	11.6		ug/L		116	58 - 124
Chloroethane	2.5	U	10.0	13.0		ug/L		130	49 - 150

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QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105211-2 MS

Matrix: Water

Analysis Batch: 230049

Client Sample ID: 2MW15DA

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.29	U	10.0	10.6		ug/L		106	77 - 119
Chloromethane	0.76	U	10.0	12.4		ug/L		124	52 - 137
cis-1,2-Dichloroethene	0.32	U	10.0	11.3		ug/L		113	69 - 133
cis-1,3-Dichloropropene	0.39	U	10.0	10.1		ug/L		101	68 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.57	I	ug/L		96	54 - 133
Dibromomethane	0.46	U	10.0	11.5		ug/L		115	63 - 123
1,2-Dichlorobenzene	0.24	U	10.0	10.2		ug/L		102	69 - 133
1,4-Dichlorobenzene	0.22	U	10.0	10.4		ug/L		104	69 - 133
Dichlorobromomethane	0.23	U	10.0	10.6		ug/L		106	62 - 122
1,1-Dichloroethane	0.32	U	10.0	10.8		ug/L		108	68 - 130
1,2-Dichloroethane	0.31	U	10.0	10.9		ug/L		109	64 - 124
1,1-Dichloroethene	0.26	U	10.0	10.8		ug/L		108	62 - 133
1,2-Dichloropropane	0.52	U	10.0	10.6		ug/L		106	79 - 130
Ethylbenzene	0.27	U	10.0	11.1		ug/L		111	77 - 117
Ethylene Dibromide	0.27	U	10.0	11.5		ug/L		115	63 - 124
2-Hexanone	4.4	U	100	101		ug/L		101	47 - 147
Iodomethane	4.1	U	10.0	6.50	I	ug/L		65	10 - 150
Methylene Chloride	1.4	U	10.0	9.21	I	ug/L		92	64 - 124
4-Methyl-2-pentanone (MIBK)	4.0	U	100	97.9		ug/L		98	46 - 146
Styrene	0.49	U	10.0	10.9		ug/L		109	65 - 130
1,1,1,2-Tetrachloroethane	0.36	U	10.0	10.6		ug/L		106	65 - 130
1,1,2,2-Tetrachloroethane	0.44	U	10.0	10.5		ug/L		105	67 - 130
Tetrachloroethene	0.50	U	10.0	11.8		ug/L		118	59 - 130
Toluene	0.24	U	10.0	10.8		ug/L		108	71 - 119
trans-1,4-Dichloro-2-butene	1.5	U	10.0	9.48	I	ug/L		95	48 - 138
trans-1,2-Dichloroethene	0.39	U	10.0	10.8		ug/L		108	67 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.40		ug/L		94	57 - 121
1,1,1-Trichloroethane	0.30	U	10.0	11.7		ug/L		117	64 - 124
1,1,2-Trichloroethane	0.29	U	10.0	11.4		ug/L		114	68 - 130
Trichloroethene	0.61	U	10.0	10.3		ug/L		103	65 - 130
Trichlorofluoromethane	0.49	U	10.0	13.5		ug/L		135	56 - 135
1,2,3-Trichloropropane	0.44	U	10.0	10.1		ug/L		101	68 - 130
Vinyl acetate	2.6	U	20.0	20.9		ug/L		104	62 - 122
Vinyl chloride	0.26	U J3	10.0	13.2	J3	ug/L		132	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	97		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 660-105211-1 DU

Matrix: Water

Analysis Batch: 230049

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3.0	U	3.0	U	ug/L		NC	30
Acrylonitrile	2.9	U	2.9	U	ug/L		NC	30
Benzene	0.25	U	0.25	U	ug/L		NC	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105211-1 DU

Matrix: Water

Analysis Batch: 230049

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bromoform	1.1	U	1.1	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	3.2	U	3.2	U	ug/L		NC	30
Carbon disulfide	0.35	U	0.35	U	ug/L		NC	30
Carbon tetrachloride	0.23	U	0.23	U	ug/L		NC	30
Chlorobenzene	0.27	U	0.27	U	ug/L		NC	30
Chlorobromomethane	0.36	U	0.36	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.29	U	0.29	U	ug/L		NC	30
Chloromethane	0.76	U	0.76	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.32	U	0.32	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.24	U	0.24	U	ug/L		NC	30
1,4-Dichlorobenzene	0.22	U	0.22	U	ug/L		NC	30
Dichlorobromomethane	0.23	U	0.23	U	ug/L		NC	30
1,1-Dichloroethane	0.32	U	0.32	U	ug/L		NC	30
1,2-Dichloroethane	0.31	U	0.31	U	ug/L		NC	30
1,1-Dichloroethene	0.26	U	0.26	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Ethylene Dibromide	0.27	U	0.27	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	4.1	U	4.1	U	ug/L		NC	30
Methylene Chloride	1.4	U	1.4	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Styrene	0.49	U	0.49	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.36	U	0.36	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.44	U	0.44	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	1.5	U	1.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.39	U	0.39	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,1,1-Trichloroethane	0.30	U	0.30	U	ug/L		NC	30
1,1,2-Trichloroethane	0.29	U	0.29	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	0.49	U	0.49	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
Vinyl acetate	2.6	U	2.6	U	ug/L		NC	30
Vinyl chloride	0.26	U	0.26	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	102		70 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105211-1 DU

Matrix: Water

Analysis Batch: 230049

Client Sample ID: 4MW-27

Prep Type: Total/NA

Surrogate	%Recovery	DU DU Qualifier	Limits
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 660-230128/6

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			10/28/20 09:44	1
Acrylonitrile	2.9	U	10	2.9	ug/L			10/28/20 09:44	1
Benzene	0.25	U	1.0	0.25	ug/L			10/28/20 09:44	1
Bromoform	1.1	U	5.0	1.1	ug/L			10/28/20 09:44	1
Bromomethane	2.5	U	10	2.5	ug/L			10/28/20 09:44	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			10/28/20 09:44	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			10/28/20 09:44	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			10/28/20 09:44	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			10/28/20 09:44	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			10/28/20 09:44	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			10/28/20 09:44	1
Chloroethane	2.5	U	10	2.5	ug/L			10/28/20 09:44	1
Chloroform	0.29	U	1.0	0.29	ug/L			10/28/20 09:44	1
Chloromethane	0.76	U	2.0	0.76	ug/L			10/28/20 09:44	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			10/28/20 09:44	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			10/28/20 09:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			10/28/20 09:44	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			10/28/20 09:44	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			10/28/20 09:44	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/28/20 09:44	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			10/28/20 09:44	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			10/28/20 09:44	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			10/28/20 09:44	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/28/20 09:44	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			10/28/20 09:44	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			10/28/20 09:44	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			10/28/20 09:44	1
2-Hexanone	4.4	U	15	4.4	ug/L			10/28/20 09:44	1
Iodomethane	4.1	U	15	4.1	ug/L			10/28/20 09:44	1
Methylene Chloride	1.4	U	10	1.4	ug/L			10/28/20 09:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			10/28/20 09:44	1
Styrene	0.49	U	2.0	0.49	ug/L			10/28/20 09:44	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			10/28/20 09:44	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			10/28/20 09:44	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			10/28/20 09:44	1
Toluene	0.24	U	1.0	0.24	ug/L			10/28/20 09:44	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			10/28/20 09:44	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			10/28/20 09:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/28/20 09:44	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/28/20 09:44	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			10/28/20 09:44	1

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QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-230128/6

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.61	U	2.0	0.61	ug/L			10/28/20 09:44	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			10/28/20 09:44	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			10/28/20 09:44	1
Vinyl acetate	2.6	U	10	2.6	ug/L			10/28/20 09:44	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			10/28/20 09:44	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			10/28/20 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		10/28/20 09:44	1
Dibromofluoromethane	102		70 - 130		10/28/20 09:44	1
Toluene-d8 (Surr)	105		70 - 130		10/28/20 09:44	1

Lab Sample ID: LCS 660-230128/4

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.2		ug/L		96	45 - 150
Acrylonitrile	100	107		ug/L		107	64 - 124
Benzene	10.0	9.21		ug/L		92	66 - 131
Bromoform	10.0	8.70		ug/L		87	59 - 119
Bromomethane	10.0	8.81	I	ug/L		88	10 - 137
2-Butanone (MEK)	100	93.3		ug/L		93	46 - 146
Carbon disulfide	10.0	4.73	J3	ug/L		47	52 - 129
Carbon tetrachloride	10.0	8.94		ug/L		89	62 - 124
Chlorobenzene	10.0	10.2		ug/L		102	67 - 130
Chlorobromomethane	10.0	9.18		ug/L		92	67 - 130
Chlorodibromomethane	10.0	9.57		ug/L		96	58 - 124
Chloroethane	10.0	11.1		ug/L		111	49 - 150
Chloroform	10.0	10.0		ug/L		100	77 - 119
Chloromethane	10.0	8.50		ug/L		85	52 - 137
cis-1,2-Dichloroethene	10.0	8.17		ug/L		82	69 - 133
cis-1,3-Dichloropropene	10.0	8.89		ug/L		89	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.08	I	ug/L		91	54 - 133
Dibromomethane	10.0	10.7		ug/L		107	63 - 123
1,2-Dichlorobenzene	10.0	9.78		ug/L		98	69 - 133
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	69 - 133
Dichlorobromomethane	10.0	9.57		ug/L		96	62 - 122
1,1-Dichloroethane	10.0	9.06		ug/L		91	68 - 130
1,2-Dichloroethane	10.0	10.6		ug/L		106	64 - 124
1,1-Dichloroethene	10.0	7.73		ug/L		77	62 - 133
1,2-Dichloropropane	10.0	9.65		ug/L		96	79 - 130
Ethylbenzene	10.0	10.1		ug/L		101	77 - 117
Ethylene Dibromide	10.0	10.0		ug/L		100	63 - 124
2-Hexanone	100	122		ug/L		122	47 - 147
Iodomethane	10.0	5.29	I	ug/L		53	10 - 150
Methylene Chloride	10.0	8.81	I	ug/L		88	64 - 124
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	46 - 146

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-230128/4

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	10.0	9.79		ug/L		98	65 - 130
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	65 - 130
1,1,2,2-Tetrachloroethane	10.0	11.1		ug/L		111	67 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	59 - 130
Toluene	10.0	9.32		ug/L		93	71 - 119
trans-1,4-Dichloro-2-butene	10.0	10.0		ug/L		100	48 - 138
trans-1,2-Dichloroethene	10.0	7.59		ug/L		76	67 - 130
trans-1,3-Dichloropropene	10.0	8.67		ug/L		87	57 - 121
1,1,1-Trichloroethane	10.0	9.72		ug/L		97	64 - 124
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	68 - 130
Trichloroethene	10.0	8.88		ug/L		89	65 - 130
Trichlorofluoromethane	10.0	9.56		ug/L		96	56 - 135
1,2,3-Trichloropropane	10.0	11.8		ug/L		118	68 - 130
Vinyl acetate	20.0	15.9		ug/L		80	62 - 122
Vinyl chloride	10.0	8.92		ug/L		89	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-105346-A-3 MS

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3.0	U	100	82.5		ug/L		82	45 - 150
Acrylonitrile	2.9	U J3	100	125	J3	ug/L		125	64 - 124
Benzene	0.25	U	10.0	10.8		ug/L		108	66 - 131
Bromoform	1.1	U	10.0	9.18		ug/L		92	59 - 119
Bromomethane	2.5	U	10.0	9.92	I	ug/L		99	37 - 137
2-Butanone (MEK)	3.2	U	100	83.5		ug/L		83	46 - 146
Carbon disulfide	0.35	U J3	10.0	5.39		ug/L		54	52 - 129
Carbon tetrachloride	0.23	U	10.0	10.9		ug/L		109	62 - 124
Chlorobenzene	0.27	U	10.0	11.5		ug/L		115	67 - 130
Chlorobromomethane	0.36	U	10.0	7.76		ug/L		78	67 - 130
Chlorodibromomethane	0.31	U	10.0	10.2		ug/L		102	58 - 124
Chloroethane	2.5	U	10.0	11.2		ug/L		112	49 - 150
Chloroform	0.29	U	10.0	10.4		ug/L		104	77 - 119
Chloromethane	0.76	U	10.0	8.50		ug/L		85	52 - 137
cis-1,2-Dichloroethene	7.1		10.0	16.6		ug/L		95	69 - 133
cis-1,3-Dichloropropene	0.39	U	10.0	9.67		ug/L		97	68 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.69	I	ug/L		97	54 - 133
Dibromomethane	0.46	U	10.0	11.4		ug/L		114	63 - 123
1,2-Dichlorobenzene	0.24	U	10.0	10.5		ug/L		105	69 - 133
1,4-Dichlorobenzene	0.22	U	10.0	11.0		ug/L		110	69 - 133
Dichlorobromomethane	0.23	U	10.0	10.6		ug/L		106	62 - 122
1,1-Dichloroethane	2.6		10.0	13.1		ug/L		104	68 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105346-A-3 MS

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	0.31	U	10.0	11.9		ug/L		119	64 - 124
1,1-Dichloroethene	4.8		10.0	14.0		ug/L		92	62 - 133
1,2-Dichloropropane	0.52	U	10.0	10.6		ug/L		106	79 - 130
Ethylbenzene	0.27	U	10.0	11.4		ug/L		114	77 - 117
Ethylene Dibromide	0.27	U	10.0	11.3		ug/L		113	63 - 124
2-Hexanone	4.4	U	100	115		ug/L		115	47 - 147
Iodomethane	4.1	U	10.0	5.66	I	ug/L		57	10 - 150
Methylene Chloride	1.4	U	10.0	8.95	I	ug/L		90	64 - 124
4-Methyl-2-pentanone (MIBK)	4.0	U	100	106		ug/L		106	46 - 146
Styrene	0.49	U	10.0	10.8		ug/L		108	65 - 130
1,1,1,2-Tetrachloroethane	0.36	U	10.0	10.9		ug/L		109	65 - 130
1,1,2,2-Tetrachloroethane	0.44	U	10.0	12.1		ug/L		121	67 - 130
Tetrachloroethene	0.50	U	10.0	10.0		ug/L		100	59 - 130
Toluene	0.24	U	10.0	10.5		ug/L		105	71 - 119
trans-1,4-Dichloro-2-butene	1.5	U	10.0	10.7		ug/L		107	48 - 138
trans-1,2-Dichloroethene	0.39	U	10.0	9.30		ug/L		93	67 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.17		ug/L		92	57 - 121
1,1,1-Trichloroethane	0.30	U	10.0	11.2		ug/L		112	64 - 124
1,1,2-Trichloroethane	0.29	U	10.0	11.1		ug/L		111	68 - 130
Trichloroethene	2.5		10.0	13.3		ug/L		108	65 - 130
Trichlorofluoromethane	0.49	U	10.0	11.0		ug/L		110	56 - 135
1,2,3-Trichloropropane	0.44	U	10.0	12.7		ug/L		127	68 - 130
Vinyl acetate	2.6	U	20.0	15.4		ug/L		77	62 - 122
Vinyl chloride	2.8		10.0	11.7		ug/L		90	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-105346-C-2 DU

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3.0	U	3.0	U	ug/L		NC	30
Acrylonitrile	2.9	U	2.9	U	ug/L		NC	30
Benzene	0.25	U	0.25	U	ug/L		NC	30
Bromoform	1.1	U	1.1	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	3.2	U	3.2	U	ug/L		NC	30
Carbon disulfide	0.35	U J3	0.35	U J3	ug/L		NC	30
Carbon tetrachloride	0.23	U	0.23	U	ug/L		NC	30
Chlorobenzene	0.27	U	0.27	U	ug/L		NC	30
Chlorobromomethane	0.36	U	0.36	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.29	U	0.29	U	ug/L		NC	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105346-C-2 DU

Matrix: Water

Analysis Batch: 230128

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloromethane	0.76	U	0.76	U	ug/L		NC	30
cis-1,2-Dichloroethene	1.6		1.56		ug/L		0.2	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.24	U	0.24	U	ug/L		NC	30
1,4-Dichlorobenzene	0.22	U	0.22	U	ug/L		NC	30
Dichlorobromomethane	0.23	U	0.23	U	ug/L		NC	30
1,1-Dichloroethane	0.43	I	0.419	I	ug/L		1	30
1,2-Dichloroethane	0.31	U	0.31	U	ug/L		NC	30
1,1-Dichloroethene	0.26	U	0.26	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Ethylene Dibromide	0.27	U	0.27	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	4.1	U	4.1	U	ug/L		NC	30
Methylene Chloride	1.4	U	1.4	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Styrene	0.49	U	0.49	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.36	U	0.36	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.44	U	0.44	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	1.5	U	1.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.39	U	0.39	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,1,1-Trichloroethane	0.30	U	0.30	U	ug/L		NC	30
1,1,2-Trichloroethane	0.29	U	0.29	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	0.49	U	0.49	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
Vinyl acetate	2.6	U	2.6	U	ug/L		NC	30
Vinyl chloride	0.26	U	0.26	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Lab Sample ID: MB 660-230308/9

Matrix: Water

Analysis Batch: 230308

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			11/02/20 14:03	1
Acrylonitrile	2.9	U	10	2.9	ug/L			11/02/20 14:03	1
Benzene	0.25	U	1.0	0.25	ug/L			11/02/20 14:03	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-230308/9

Matrix: Water

Analysis Batch: 230308

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.1	U	5.0	1.1	ug/L			11/02/20 14:03	1
Bromomethane	2.5	U	10	2.5	ug/L			11/02/20 14:03	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			11/02/20 14:03	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			11/02/20 14:03	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			11/02/20 14:03	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			11/02/20 14:03	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			11/02/20 14:03	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			11/02/20 14:03	1
Chloroethane	2.5	U	10	2.5	ug/L			11/02/20 14:03	1
Chloroform	0.29	U	1.0	0.29	ug/L			11/02/20 14:03	1
Chloromethane	0.76	U	2.0	0.76	ug/L			11/02/20 14:03	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			11/02/20 14:03	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			11/02/20 14:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			11/02/20 14:03	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			11/02/20 14:03	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			11/02/20 14:03	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			11/02/20 14:03	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			11/02/20 14:03	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			11/02/20 14:03	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			11/02/20 14:03	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/02/20 14:03	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			11/02/20 14:03	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			11/02/20 14:03	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			11/02/20 14:03	1
2-Hexanone	4.4	U	15	4.4	ug/L			11/02/20 14:03	1
Iodomethane	4.1	U	15	4.1	ug/L			11/02/20 14:03	1
Methylene Chloride	1.4	U	10	1.4	ug/L			11/02/20 14:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			11/02/20 14:03	1
Styrene	0.49	U	2.0	0.49	ug/L			11/02/20 14:03	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			11/02/20 14:03	1
1,1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			11/02/20 14:03	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			11/02/20 14:03	1
Toluene	0.24	U	1.0	0.24	ug/L			11/02/20 14:03	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			11/02/20 14:03	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			11/02/20 14:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/02/20 14:03	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			11/02/20 14:03	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			11/02/20 14:03	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			11/02/20 14:03	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			11/02/20 14:03	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			11/02/20 14:03	1
Vinyl acetate	2.6	U	10	2.6	ug/L			11/02/20 14:03	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			11/02/20 14:03	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			11/02/20 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130		11/02/20 14:03	1
Dibromofluoromethane	104		70 - 130		11/02/20 14:03	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-230308/9

Matrix: Water

Analysis Batch: 230308

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		11/02/20 14:03	1

Lab Sample ID: LCS 660-230308/7

Matrix: Water

Analysis Batch: 230308

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	83.3		ug/L		83	45 - 150
Acrylonitrile	100	87.9		ug/L		88	64 - 124
Benzene	10.0	10.5		ug/L		105	66 - 131
Bromoform	10.0	8.59		ug/L		86	59 - 119
Bromomethane	10.0	10.5		ug/L		105	10 - 137
2-Butanone (MEK)	100	84.2		ug/L		84	46 - 146
Carbon disulfide	10.0	11.1		ug/L		111	52 - 129
Carbon tetrachloride	10.0	10.9		ug/L		109	62 - 124
Chlorobenzene	10.0	10.2		ug/L		102	67 - 130
Chlorobromomethane	10.0	11.5		ug/L		115	67 - 130
Chlorodibromomethane	10.0	10.9		ug/L		109	58 - 124
Chloroethane	10.0	11.3		ug/L		113	49 - 150
Chloroform	10.0	10.7		ug/L		107	77 - 119
Chloromethane	10.0	8.67		ug/L		87	52 - 137
cis-1,2-Dichloroethene	10.0	9.33		ug/L		93	69 - 133
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.12	I	ug/L		81	54 - 133
Dibromomethane	10.0	11.0		ug/L		110	63 - 123
1,2-Dichlorobenzene	10.0	9.57		ug/L		96	69 - 133
1,4-Dichlorobenzene	10.0	10.1		ug/L		101	69 - 133
Dichlorobromomethane	10.0	10.6		ug/L		106	62 - 122
1,1-Dichloroethane	10.0	9.68		ug/L		97	68 - 130
1,2-Dichloroethane	10.0	9.61		ug/L		96	64 - 124
1,1-Dichloroethene	10.0	9.72		ug/L		97	62 - 133
1,2-Dichloropropane	10.0	9.72		ug/L		97	79 - 130
Ethylbenzene	10.0	9.98		ug/L		100	77 - 117
Ethylene Dibromide	10.0	10.4		ug/L		104	63 - 124
2-Hexanone	100	83.3		ug/L		83	47 - 147
Iodomethane	10.0	6.25	I	ug/L		62	10 - 150
Methylene Chloride	10.0	10.0		ug/L		100	64 - 124
4-Methyl-2-pentanone (MIBK)	100	83.1		ug/L		83	46 - 146
Styrene	10.0	9.88		ug/L		99	65 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	65 - 130
1,1,2,2-Tetrachloroethane	10.0	9.78		ug/L		98	67 - 130
Tetrachloroethene	10.0	11.0		ug/L		110	59 - 130
Toluene	10.0	10.3		ug/L		103	71 - 119
trans-1,4-Dichloro-2-butene	10.0	8.13	I	ug/L		81	48 - 138
trans-1,2-Dichloroethene	10.0	11.5		ug/L		115	67 - 130
trans-1,3-Dichloropropene	10.0	9.41		ug/L		94	57 - 121
1,1,1-Trichloroethane	10.0	11.3		ug/L		113	64 - 124
1,1,2-Trichloroethane	10.0	11.1		ug/L		111	68 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-230308/7

Matrix: Water

Analysis Batch: 230308

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	10.0	11.2		ug/L		112	65 - 130
Trichlorofluoromethane	10.0	12.5		ug/L		125	56 - 135
1,2,3-Trichloropropane	10.0	9.19		ug/L		92	68 - 130
Vinyl acetate	20.0	18.1		ug/L		91	62 - 122
Vinyl chloride	10.0	10.8		ug/L		108	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: 660-105480-2 MS

Matrix: Water

Analysis Batch: 230308

Client Sample ID: 2MW24S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3.0	U	100	93.0		ug/L		93	45 - 150
Acrylonitrile	2.9	U	100	93.2		ug/L		93	64 - 124
Benzene	0.25	U	10.0	11.2		ug/L		112	66 - 131
Bromoform	1.1	U	10.0	8.90		ug/L		89	59 - 119
Bromomethane	2.5	U	10.0	9.86	I	ug/L		99	37 - 137
2-Butanone (MEK)	3.2	U	100	99.3		ug/L		99	46 - 146
Carbon disulfide	0.35	U	10.0	11.7		ug/L		117	52 - 129
Carbon tetrachloride	0.23	U J3	10.0	13.0	J3	ug/L		130	62 - 124
Chlorobenzene	0.27	U	10.0	10.9		ug/L		109	67 - 130
Chlorobromomethane	0.36	U	10.0	11.5		ug/L		115	67 - 130
Chlorodibromomethane	0.31	U	10.0	11.6		ug/L		116	58 - 124
Chloroethane	2.5	U	10.0	12.0		ug/L		120	49 - 150
Chloroform	0.29	U	10.0	11.6		ug/L		116	77 - 119
Chloromethane	0.76	U	10.0	10.3		ug/L		103	52 - 137
cis-1,2-Dichloroethene	0.32	U	10.0	10.5		ug/L		105	69 - 133
cis-1,3-Dichloropropene	0.39	U	10.0	10.9		ug/L		109	68 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.79	I	ug/L		98	54 - 133
Dibromomethane	0.46	U	10.0	11.6		ug/L		116	63 - 123
1,2-Dichlorobenzene	0.24	U	10.0	10.6		ug/L		106	69 - 133
1,4-Dichlorobenzene	0.22	U	10.0	10.4		ug/L		104	69 - 133
Dichlorobromomethane	0.23	U	10.0	11.4		ug/L		114	62 - 122
1,1-Dichloroethane	0.32	U	10.0	10.7		ug/L		107	68 - 130
1,2-Dichloroethane	0.31	U	10.0	10.4		ug/L		104	64 - 124
1,1-Dichloroethene	0.26	U	10.0	10.6		ug/L		106	62 - 133
1,2-Dichloropropane	0.52	U	10.0	10.3		ug/L		103	79 - 130
Ethylbenzene	0.27	U	10.0	10.6		ug/L		106	77 - 117
Ethylene Dibromide	0.27	U	10.0	11.5		ug/L		115	63 - 124
2-Hexanone	4.4	U	100	99.4		ug/L		99	47 - 147
Iodomethane	4.1	U	10.0	5.52	I	ug/L		55	10 - 150
Methylene Chloride	1.4	U	10.0	9.56	I	ug/L		96	64 - 124
4-Methyl-2-pentanone (MIBK)	4.0	U	100	93.9		ug/L		94	46 - 146
Styrene	0.49	U	10.0	10.2		ug/L		102	65 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105480-2 MS

Matrix: Water

Analysis Batch: 230308

Client Sample ID: 2MW24S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.36	U	10.0	10.1		ug/L		101	65 - 130
1,1,2,2-Tetrachloroethane	0.44	U	10.0	11.2		ug/L		112	67 - 130
Tetrachloroethene	0.50	U	10.0	12.4		ug/L		124	59 - 130
Toluene	0.24	U	10.0	11.4		ug/L		114	71 - 119
trans-1,4-Dichloro-2-butene	1.5	U	10.0	8.59	I	ug/L		86	48 - 138
trans-1,2-Dichloroethene	0.39	U	10.0	12.0		ug/L		120	67 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.24		ug/L		92	57 - 121
1,1,1-Trichloroethane	0.30	U	10.0	12.4		ug/L		124	64 - 124
1,1,2-Trichloroethane	0.29	U	10.0	11.2		ug/L		112	68 - 130
Trichloroethene	0.61	U	10.0	12.3		ug/L		123	65 - 130
Trichlorofluoromethane	0.49	U J3	10.0	14.6	J3	ug/L		146	56 - 135
1,2,3-Trichloropropane	0.44	U	10.0	11.9		ug/L		119	68 - 130
Vinyl acetate	2.6	U	20.0	20.0		ug/L		100	62 - 122
Vinyl chloride	0.26	U	10.0	12.4		ug/L		124	59 - 130
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene	104		70 - 130						
Dibromofluoromethane	107		70 - 130						
Toluene-d8 (Surr)	106		70 - 130						

Lab Sample ID: 660-105480-1 DU

Matrix: Water

Analysis Batch: 230308

Client Sample ID: 4MW3A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3.0	U	3.0	U	ug/L		NC	30
Acrylonitrile	2.9	U	2.9	U	ug/L		NC	30
Benzene	0.25	U	0.25	U	ug/L		NC	30
Bromoform	1.1	U	1.1	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	3.2	U	3.2	U	ug/L		NC	30
Carbon disulfide	0.35	U	0.35	U	ug/L		NC	30
Carbon tetrachloride	0.23	U	0.23	U	ug/L		NC	30
Chlorobenzene	0.27	U	0.27	U	ug/L		NC	30
Chlorobromomethane	0.36	U	0.36	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.29	U	0.29	U	ug/L		NC	30
Chloromethane	0.76	U	0.76	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.32	U	0.32	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.24	U	0.24	U	ug/L		NC	30
1,4-Dichlorobenzene	0.22	U	0.22	U	ug/L		NC	30
Dichlorobromomethane	0.23	U	0.23	U	ug/L		NC	30
1,1-Dichloroethane	0.32	U	0.32	U	ug/L		NC	30
1,2-Dichloroethane	0.31	U	0.31	U	ug/L		NC	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105480-1 DU

Matrix: Water

Analysis Batch: 230308

Client Sample ID: 4MW3A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethene	0.26	U	0.26	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.27	U	0.27	U	ug/L		NC	30
Ethylene Dibromide	0.27	U	0.27	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	4.1	U	4.1	U	ug/L		NC	30
Methylene Chloride	1.4	U	1.4	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Styrene	0.49	U	0.49	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.36	U	0.36	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.44	U	0.44	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.24	U	0.24	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	1.5	U	1.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.39	U	0.39	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,1,1-Trichloroethane	0.30	U	0.30	U	ug/L		NC	30
1,1,2-Trichloroethane	0.29	U	0.29	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	0.49	U	0.49	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
Vinyl acetate	2.6	U	2.6	U	ug/L		NC	30
Vinyl chloride	0.26	U	0.26	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	%Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Lab Sample ID: MB 660-230536/6

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	U	20	3.0	ug/L			11/08/20 10:06	1
Acrylonitrile	2.9	U	10	2.9	ug/L			11/08/20 10:06	1
Benzene	0.25	U	1.0	0.25	ug/L			11/08/20 10:06	1
Bromoform	1.1	U	5.0	1.1	ug/L			11/08/20 10:06	1
Bromomethane	2.5	U	10	2.5	ug/L			11/08/20 10:06	1
2-Butanone (MEK)	3.2	U	10	3.2	ug/L			11/08/20 10:06	1
Carbon disulfide	0.35	U	2.0	0.35	ug/L			11/08/20 10:06	1
Carbon tetrachloride	0.23	U	1.0	0.23	ug/L			11/08/20 10:06	1
Chlorobenzene	0.27	U	1.0	0.27	ug/L			11/08/20 10:06	1
Chlorobromomethane	0.36	U	2.0	0.36	ug/L			11/08/20 10:06	1
Chlorodibromomethane	0.31	U	3.0	0.31	ug/L			11/08/20 10:06	1
Chloroethane	2.5	U	10	2.5	ug/L			11/08/20 10:06	1
Chloroform	0.29	U	1.0	0.29	ug/L			11/08/20 10:06	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-230536/6

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.76	U	2.0	0.76	ug/L			11/08/20 10:06	1
cis-1,2-Dichloroethene	0.32	U	1.0	0.32	ug/L			11/08/20 10:06	1
cis-1,3-Dichloropropene	0.39	U	2.0	0.39	ug/L			11/08/20 10:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	10	2.5	ug/L			11/08/20 10:06	1
Dibromomethane	0.46	U	2.0	0.46	ug/L			11/08/20 10:06	1
1,2-Dichlorobenzene	0.24	U	1.0	0.24	ug/L			11/08/20 10:06	1
1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			11/08/20 10:06	1
Dichlorobromomethane	0.23	U	1.0	0.23	ug/L			11/08/20 10:06	1
1,1-Dichloroethane	0.32	U	1.0	0.32	ug/L			11/08/20 10:06	1
1,2-Dichloroethane	0.31	U	1.0	0.31	ug/L			11/08/20 10:06	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/20 10:06	1
1,2-Dichloropropane	0.52	U	2.0	0.52	ug/L			11/08/20 10:06	1
Ethylbenzene	0.27	U	1.0	0.27	ug/L			11/08/20 10:06	1
Ethylene Dibromide	0.27	U	1.0	0.27	ug/L			11/08/20 10:06	1
2-Hexanone	4.4	U	15	4.4	ug/L			11/08/20 10:06	1
Iodomethane	4.1	U	15	4.1	ug/L			11/08/20 10:06	1
Methylene Chloride	1.4	U	10	1.4	ug/L			11/08/20 10:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	15	4.0	ug/L			11/08/20 10:06	1
Styrene	0.49	U	2.0	0.49	ug/L			11/08/20 10:06	1
1,1,1,2-Tetrachloroethane	0.36	U	2.0	0.36	ug/L			11/08/20 10:06	1
1,1,2,2-Tetrachloroethane	0.44	U	1.0	0.44	ug/L			11/08/20 10:06	1
Tetrachloroethene	0.50	U	2.0	0.50	ug/L			11/08/20 10:06	1
Toluene	0.24	U	1.0	0.24	ug/L			11/08/20 10:06	1
trans-1,4-Dichloro-2-butene	1.5	U	10	1.5	ug/L			11/08/20 10:06	1
trans-1,2-Dichloroethene	0.39	U	2.0	0.39	ug/L			11/08/20 10:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/08/20 10:06	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			11/08/20 10:06	1
1,1,2-Trichloroethane	0.29	U	1.0	0.29	ug/L			11/08/20 10:06	1
Trichloroethene	0.61	U	2.0	0.61	ug/L			11/08/20 10:06	1
Trichlorofluoromethane	0.49	U	5.0	0.49	ug/L			11/08/20 10:06	1
1,2,3-Trichloropropane	0.44	U	3.0	0.44	ug/L			11/08/20 10:06	1
Vinyl acetate	2.6	U	10	2.6	ug/L			11/08/20 10:06	1
Vinyl chloride	0.26	U	1.0	0.26	ug/L			11/08/20 10:06	1
Xylenes, Total	0.50	U	4.0	0.50	ug/L			11/08/20 10:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		70 - 130		11/08/20 10:06	1
Dibromofluoromethane	109		70 - 130		11/08/20 10:06	1
Toluene-d8 (Surr)	109		70 - 130		11/08/20 10:06	1

Lab Sample ID: LCS 660-230536/4

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	86.9		ug/L		87	45 - 150
Acrylonitrile	100	84.2		ug/L		84	64 - 124
Benzene	10.0	9.39		ug/L		94	66 - 131

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-230536/4

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	10.0	7.87		ug/L		79	59 - 119
Bromomethane	10.0	7.68	I	ug/L		77	10 - 137
2-Butanone (MEK)	100	88.4		ug/L		88	46 - 146
Carbon disulfide	10.0	6.46		ug/L		65	52 - 129
Carbon tetrachloride	10.0	10.6		ug/L		106	62 - 124
Chlorobenzene	10.0	9.28		ug/L		93	67 - 130
Chlorobromomethane	10.0	10.3		ug/L		103	67 - 130
Chlorodibromomethane	10.0	11.5		ug/L		115	58 - 124
Chloroethane	10.0	10.5		ug/L		105	49 - 150
Chloroform	10.0	10.7		ug/L		107	77 - 119
Chloromethane	10.0	7.98		ug/L		80	52 - 137
cis-1,2-Dichloroethene	10.0	9.55		ug/L		96	69 - 133
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	68 - 130
1,2-Dibromo-3-Chloropropane	10.0	7.75	I	ug/L		78	54 - 133
Dibromomethane	10.0	10.7		ug/L		107	63 - 123
1,2-Dichlorobenzene	10.0	8.65		ug/L		87	69 - 133
1,4-Dichlorobenzene	10.0	9.17		ug/L		92	69 - 133
Dichlorobromomethane	10.0	10.9		ug/L		109	62 - 122
1,1-Dichloroethane	10.0	9.06		ug/L		91	68 - 130
1,2-Dichloroethane	10.0	9.75		ug/L		98	64 - 124
1,1-Dichloroethene	10.0	8.63		ug/L		86	62 - 133
1,2-Dichloropropane	10.0	9.89		ug/L		99	79 - 130
Ethylbenzene	10.0	9.17		ug/L		92	77 - 117
Ethylene Dibromide	10.0	10.8		ug/L		108	63 - 124
2-Hexanone	100	88.7		ug/L		89	47 - 147
Iodomethane	10.0	4.1	U	ug/L		37	10 - 150
Methylene Chloride	10.0	9.48	I	ug/L		95	64 - 124
4-Methyl-2-pentanone (MIBK)	100	83.9		ug/L		84	46 - 146
Styrene	10.0	8.95		ug/L		89	65 - 130
1,1,1,2-Tetrachloroethane	10.0	9.26		ug/L		93	65 - 130
1,1,2,2-Tetrachloroethane	10.0	9.06		ug/L		91	67 - 130
Tetrachloroethene	10.0	9.90		ug/L		99	59 - 130
Toluene	10.0	9.94		ug/L		99	71 - 119
trans-1,4-Dichloro-2-butene	10.0	8.50	I	ug/L		85	48 - 138
trans-1,2-Dichloroethene	10.0	9.28		ug/L		93	67 - 130
trans-1,3-Dichloropropene	10.0	9.12		ug/L		91	57 - 121
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	64 - 124
1,1,2-Trichloroethane	10.0	11.1		ug/L		111	68 - 130
Trichloroethene	10.0	10.4		ug/L		104	65 - 130
Trichlorofluoromethane	10.0	12.6		ug/L		126	56 - 135
1,2,3-Trichloropropane	10.0	9.53		ug/L		95	68 - 130
Vinyl acetate	20.0	19.0		ug/L		95	62 - 122
Vinyl chloride	10.0	10.7		ug/L		107	59 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105603-A-19 MS

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	15	U	500	442		ug/L		88	45 - 150
Acrylonitrile	14	U	500	442		ug/L		88	64 - 124
Benzene	1.3	U	50.0	53.6		ug/L		107	66 - 131
Bromoform	5.5	U	50.0	44.1		ug/L		88	59 - 119
Bromomethane	13	U	50.0	37.8	I	ug/L		76	37 - 137
2-Butanone (MEK)	16	U	500	440		ug/L		88	46 - 146
Carbon disulfide	3.6	I	50.0	35.8		ug/L		64	52 - 129
Carbon tetrachloride	1.2	U	50.0	59.7		ug/L		119	62 - 124
Chlorobenzene	1.3	U	50.0	51.7		ug/L		103	67 - 130
Chlorobromomethane	1.8	U	50.0	57.2		ug/L		114	67 - 130
Chlorodibromomethane	1.6	U J3	50.0	62.1		ug/L		124	58 - 124
Chloroethane	13	U	50.0	61.1		ug/L		122	49 - 150
Chloroform	1.4	U	50.0	58.8		ug/L		118	77 - 119
Chloromethane	3.8	U	50.0	43.0		ug/L		86	52 - 137
cis-1,2-Dichloroethene	1.6	U	50.0	46.0		ug/L		92	69 - 133
cis-1,3-Dichloropropene	2.0	U	50.0	56.1		ug/L		112	68 - 130
1,2-Dibromo-3-Chloropropane	13	U	50.0	44.6	I	ug/L		89	54 - 133
Dibromomethane	2.3	U	50.0	61.6		ug/L		123	63 - 123
1,2-Dichlorobenzene	1.2	U	50.0	49.4		ug/L		99	69 - 133
1,4-Dichlorobenzene	1.1	U	50.0	47.7		ug/L		95	69 - 133
Dichlorobromomethane	1.1	U	50.0	60.3		ug/L		121	62 - 122
1,1-Dichloroethane	1.6	U	50.0	50.6		ug/L		101	68 - 130
1,2-Dichloroethane	1.5	U	50.0	53.7		ug/L		107	64 - 124
1,1-Dichloroethene	1.3	U	50.0	48.4		ug/L		97	62 - 133
1,2-Dichloropropane	2.6	U	50.0	53.8		ug/L		108	79 - 130
Ethylbenzene	1.4	U	50.0	50.0		ug/L		100	77 - 117
Ethylene Dibromide	1.4	U	50.0	60.1		ug/L		120	63 - 124
2-Hexanone	22	U	500	464		ug/L		93	47 - 147
Iodomethane	21	U J3	50.0	21	U J3	ug/L		0	10 - 150
Methylene Chloride	6.9	U	50.0	50.5		ug/L		101	64 - 124
4-Methyl-2-pentanone (MIBK)	20	U	500	459		ug/L		92	46 - 146
Styrene	2.5	U	50.0	49.8		ug/L		100	65 - 130
1,1,1,2-Tetrachloroethane	1.8	U	50.0	51.5		ug/L		103	65 - 130
1,1,2,2-Tetrachloroethane	2.2	U	50.0	48.9		ug/L		98	67 - 130
Tetrachloroethene	93		50.0	143		ug/L		100	59 - 130
Toluene	1.2	U	50.0	56.0		ug/L		112	71 - 119
trans-1,4-Dichloro-2-butene	7.3	U	50.0	40.0	I	ug/L		80	48 - 138
trans-1,2-Dichloroethene	1.9	U	50.0	51.0		ug/L		102	67 - 130
trans-1,3-Dichloropropene	1.4	U	50.0	50.3		ug/L		101	57 - 121
1,1,1-Trichloroethane	1.5	U	50.0	60.4		ug/L		121	64 - 124
1,1,2-Trichloroethane	1.4	U	50.0	58.4		ug/L		117	68 - 130
Trichloroethene	3.1	U	50.0	58.8		ug/L		118	65 - 130
Trichlorofluoromethane	2.4	U J3	50.0	68.0	J3	ug/L		136	56 - 135
1,2,3-Trichloropropane	2.2	U	50.0	50.7		ug/L		101	68 - 130
Vinyl acetate	13	U	100	105		ug/L		105	62 - 122
Vinyl chloride	1.3	U	50.0	57.6		ug/L		115	59 - 130

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105603-A-19 MS

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8 (Surr)	110		70 - 130

Lab Sample ID: 660-105603-A-19 MSD

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	15	U	500	484		ug/L		97	45 - 150	9	30
Acrylonitrile	14	U	500	488		ug/L		98	64 - 124	10	30
Benzene	1.3	U	50.0	53.4		ug/L		107	66 - 131	0	30
Bromoform	5.5	U	50.0	43.3		ug/L		87	59 - 119	2	30
Bromomethane	13	U	50.0	44.0	I	ug/L		88	37 - 137	15	30
2-Butanone (MEK)	16	U	500	506		ug/L		101	46 - 146	14	30
Carbon disulfide	3.6	I	50.0	33.9		ug/L		61	52 - 129	5	30
Carbon tetrachloride	1.2	U	50.0	58.7		ug/L		117	62 - 124	2	30
Chlorobenzene	1.3	U	50.0	50.5		ug/L		101	67 - 130	2	30
Chlorobromomethane	1.8	U	50.0	56.8		ug/L		114	67 - 130	1	30
Chlorodibromomethane	1.6	U J3	50.0	63.6	J3	ug/L		127	58 - 124	2	30
Chloroethane	13	U	50.0	60.9		ug/L		122	49 - 150	0	30
Chloroform	1.4	U	50.0	58.8		ug/L		118	77 - 119	0	30
Chloromethane	3.8	U	50.0	43.4		ug/L		87	52 - 137	1	30
cis-1,2-Dichloroethene	1.6	U	50.0	45.8		ug/L		92	69 - 133	0	30
cis-1,3-Dichloropropene	2.0	U	50.0	55.0		ug/L		110	68 - 130	2	30
1,2-Dibromo-3-Chloropropane	13	U	50.0	53.3		ug/L		107	54 - 133	18	30
Dibromomethane	2.3	U	50.0	59.8		ug/L		120	63 - 123	3	30
1,2-Dichlorobenzene	1.2	U	50.0	48.2		ug/L		96	69 - 133	2	30
1,4-Dichlorobenzene	1.1	U	50.0	49.3		ug/L		99	69 - 133	3	30
Dichlorobromomethane	1.1	U	50.0	60.0		ug/L		120	62 - 122	1	30
1,1-Dichloroethane	1.6	U	50.0	51.7		ug/L		103	68 - 130	2	30
1,2-Dichloroethane	1.5	U	50.0	55.2		ug/L		110	64 - 124	3	30
1,1-Dichloroethene	1.3	U	50.0	45.9		ug/L		92	62 - 133	5	30
1,2-Dichloropropane	2.6	U	50.0	53.1		ug/L		106	79 - 130	1	30
Ethylbenzene	1.4	U	50.0	51.1		ug/L		102	77 - 117	2	30
Ethylene Dibromide	1.4	U	50.0	58.4		ug/L		117	63 - 124	3	30
2-Hexanone	22	U	500	517		ug/L		103	47 - 147	11	30
Iodomethane	21	U J3	50.0	21	U J3	ug/L		0	10 - 150	NC	30
Methylene Chloride	6.9	U	50.0	51.8		ug/L		104	64 - 124	3	30
4-Methyl-2-pentanone (MIBK)	20	U	500	510		ug/L		102	46 - 146	10	30
Styrene	2.5	U	50.0	49.1		ug/L		98	65 - 130	1	30
1,1,1,2-Tetrachloroethane	1.8	U	50.0	50.5		ug/L		101	65 - 130	2	30
1,1,2,2-Tetrachloroethane	2.2	U	50.0	50.8		ug/L		102	67 - 130	4	30
Tetrachloroethene	93		50.0	140		ug/L		96	59 - 130	1	30
Toluene	1.2	U	50.0	54.5		ug/L		109	71 - 119	3	30
trans-1,4-Dichloro-2-butene	7.3	U	50.0	45.5	I	ug/L		91	48 - 138	13	30
trans-1,2-Dichloroethene	1.9	U	50.0	48.7		ug/L		97	67 - 130	5	30
trans-1,3-Dichloropropene	1.4	U	50.0	50.5		ug/L		101	57 - 121	0	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-105603-A-19 MSD

Matrix: Water

Analysis Batch: 230536

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.5	U	50.0	61.0		ug/L		122	64 - 124	1	30
1,1,2-Trichloroethane	1.4	U	50.0	59.9		ug/L		120	68 - 130	3	30
Trichloroethene	3.1	U	50.0	57.6		ug/L		115	65 - 130	2	30
Trichlorofluoromethane	2.4	U J3	50.0	67.4		ug/L		135	56 - 135	1	30
1,2,3-Trichloropropane	2.2	U	50.0	51.0		ug/L		102	68 - 130	1	30
Vinyl acetate	13	U	100	97.9		ug/L		98	62 - 122	7	30
Vinyl chloride	1.3	U	50.0	55.6		ug/L		111	59 - 130	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	111		70 - 130

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-638802/33

Matrix: Water

Analysis Batch: 638802

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/14/20 02:28	1

Lab Sample ID: LCS 680-638802/34

Matrix: Water

Analysis Batch: 638802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-638802/35

Matrix: Water

Analysis Batch: 638802

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.98		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-189648-F-4 MS

Matrix: Water

Analysis Batch: 638802

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20		10.0	30.2		mg/L		98	80 - 120

Lab Sample ID: 680-189648-F-4 MSD

Matrix: Water

Analysis Batch: 638802

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	20		10.0	30.3		mg/L		100	80 - 120	0	15

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-639219/2

Matrix: Water

Analysis Batch: 639219

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/15/20 16:07	1

Lab Sample ID: LCS 680-639219/3

Matrix: Water

Analysis Batch: 639219

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-639219/4

Matrix: Water

Analysis Batch: 639219

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.98		mg/L		100	90 - 110	0	15

Lab Sample ID: 630-8159-A-6 MS

Matrix: Water

Analysis Batch: 639219

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12		10.0	22.5		mg/L		101	80 - 120

Lab Sample ID: 630-8159-A-6 MSD

Matrix: Water

Analysis Batch: 639219

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12		10.0	22.6		mg/L		101	80 - 120	0	15

Lab Sample ID: MB 680-639220/33

Matrix: Water

Analysis Batch: 639220

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/15/20 23:53	1

Lab Sample ID: LCS 680-639220/34

Matrix: Water

Analysis Batch: 639220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.96		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-639220/35

Matrix: Water

Analysis Batch: 639220

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.98		mg/L		100	90 - 110	0	15

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: 660-105045-1 MS

Matrix: Water

Analysis Batch: 639220

Client Sample ID: 4MW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	52		10.0	61.0		mg/L		95	80 - 120

Lab Sample ID: 660-105045-1 MSD

Matrix: Water

Analysis Batch: 639220

Client Sample ID: 4MW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	52		10.0	61.1		mg/L		95	80 - 120	0	15

Lab Sample ID: MB 680-639620/2

Matrix: Water

Analysis Batch: 639620

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/19/20 10:12	1

Lab Sample ID: LCS 680-639620/3

Matrix: Water

Analysis Batch: 639620

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: LCSD 680-639620/4

Matrix: Water

Analysis Batch: 639620

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.5		mg/L		105	90 - 110	2	15

Lab Sample ID: 660-105142-2 MS

Matrix: Water

Analysis Batch: 639620

Client Sample ID: 2MW26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	54		10.0	64.3		mg/L		103	80 - 120

Lab Sample ID: 660-105142-2 MSD

Matrix: Water

Analysis Batch: 639620

Client Sample ID: 2MW26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	54		10.0	64.3		mg/L		103	80 - 120	0	15

Lab Sample ID: MB 680-640037/20

Matrix: Water

Analysis Batch: 640037

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/21/20 15:55	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: LCS 680-640037/21

Matrix: Water

Analysis Batch: 640037

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.90		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-640037/22

Matrix: Water

Analysis Batch: 640037

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.89		mg/L		99	90 - 110	0	15

Lab Sample ID: 660-105211-1 MS

Matrix: Water

Analysis Batch: 640037

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	77		10.0	86.3		mg/L		93	80 - 120

Lab Sample ID: 660-105211-1 MSD

Matrix: Water

Analysis Batch: 640037

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	77		10.0	86.5		mg/L		95	80 - 120	0	15

Lab Sample ID: MB 680-640367/2

Matrix: Water

Analysis Batch: 640367

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/23/20 09:15	1

Lab Sample ID: LCS 680-640367/3

Matrix: Water

Analysis Batch: 640367

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.88		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-640367/4

Matrix: Water

Analysis Batch: 640367

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.88		mg/L		99	90 - 110	0	15

Lab Sample ID: 680-190136-E-5 MS

Matrix: Water

Analysis Batch: 640367

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.9		10.0	16.9		mg/L		100	80 - 120

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: 680-190136-E-5 MSD

Matrix: Water

Analysis Batch: 640367

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.9		10.0	16.9		mg/L		100	80 - 120	0	15

Lab Sample ID: MB 680-640459/2

Matrix: Water

Analysis Batch: 640459

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/23/20 12:15	1

Lab Sample ID: LCS 680-640459/3

Matrix: Water

Analysis Batch: 640459

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: LCSD 680-640459/4

Matrix: Water

Analysis Batch: 640459

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.7		mg/L		107	90 - 110	0	15

Lab Sample ID: 660-105231-F-1 MS

Matrix: Water

Analysis Batch: 640459

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12		10.0	23.1		mg/L		107	80 - 120

Lab Sample ID: 660-105231-F-1 MSD

Matrix: Water

Analysis Batch: 640459

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12		10.0	23.2		mg/L		108	80 - 120	0	15

Lab Sample ID: MB 680-640539/2

Matrix: Water

Analysis Batch: 640539

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/23/20 21:55	1

Lab Sample ID: LCS 680-640539/3

Matrix: Water

Analysis Batch: 640539

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: LCSD 680-640539/4

Matrix: Water

Analysis Batch: 640539

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 660-105211-2 MS

Matrix: Water

Analysis Batch: 640539

Client Sample ID: 2MW15DA

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.8		10.0	16.6		mg/L		98	80 - 120		

Lab Sample ID: 660-105211-2 MSD

Matrix: Water

Analysis Batch: 640539

Client Sample ID: 2MW15DA

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.8		10.0	16.7		mg/L		99	80 - 120	1	15

Lab Sample ID: MB 680-641422/33

Matrix: Water

Analysis Batch: 641422

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/29/20 19:24	1

Lab Sample ID: LCS 680-641422/34

Matrix: Water

Analysis Batch: 641422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.94		mg/L		99	90 - 110		

Lab Sample ID: LCSD 680-641422/35

Matrix: Water

Analysis Batch: 641422

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.93		mg/L		99	90 - 110	0	15

Lab Sample ID: 660-105348-1 MS

Matrix: Water

Analysis Batch: 641422

Client Sample ID: 4MW6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4.0		10.0	14.2		mg/L		102	80 - 120		

Lab Sample ID: 660-105348-1 MSD

Matrix: Water

Analysis Batch: 641422

Client Sample ID: 4MW6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4.0		10.0	14.3		mg/L		104	80 - 120	1	15

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-641907/2

Matrix: Water

Analysis Batch: 641907

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/02/20 11:40	1

Lab Sample ID: LCS 680-641907/3

Matrix: Water

Analysis Batch: 641907

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.94		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-641907/4

Matrix: Water

Analysis Batch: 641907

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.92		mg/L		99	90 - 110	0	15

Lab Sample ID: 660-105471-E-1 MS

Matrix: Water

Analysis Batch: 641907

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8.3		10.0	19.1		mg/L		108	80 - 120

Lab Sample ID: 660-105471-E-1 MSD

Matrix: Water

Analysis Batch: 641907

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	8.3		10.0	18.6		mg/L		103	80 - 120	3	15

Lab Sample ID: MB 680-642487/33

Matrix: Water

Analysis Batch: 642487

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/05/20 17:42	1

Lab Sample ID: LCS 680-642487/34

Matrix: Water

Analysis Batch: 642487

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.92		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-642487/35

Matrix: Water

Analysis Batch: 642487

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.93		mg/L		99	90 - 110	0	15

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: 660-105566-1 MS

Matrix: Water

Analysis Batch: 642487

Client Sample ID: 4MW27D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	4.7		10.0	15.0		mg/L		103	80 - 120

Lab Sample ID: 660-105566-1 MSD

Matrix: Water

Analysis Batch: 642487

Client Sample ID: 4MW27D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4.7		10.0	15.1		mg/L		104	80 - 120	0	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 660-229475/1-A

Matrix: Water

Analysis Batch: 229568

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 229475

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/12/20 13:47	10/14/20 13:42	1
Iron	0.025	U	0.20	0.025	mg/L		10/12/20 13:47	10/14/20 13:42	1
Arsenic	1.9	U	10	1.9	ug/L		10/12/20 13:47	10/14/20 13:42	1
Sodium	0.12	U	1.0	0.12	mg/L		10/12/20 13:47	10/14/20 13:42	1
Barium	0.40	U	10	0.40	ug/L		10/12/20 13:47	10/14/20 13:42	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/12/20 13:47	10/14/20 13:42	1
Cadmium	0.46	U	4.0	0.46	ug/L		10/12/20 13:47	10/14/20 13:42	1
Chromium	1.1	U	10	1.1	ug/L		10/12/20 13:47	10/14/20 13:42	1
Cobalt	1.0	U	10	1.0	ug/L		10/12/20 13:47	10/14/20 13:42	1
Copper	2.8	U	10	2.8	ug/L		10/12/20 13:47	10/14/20 13:42	1
Lead	2.0	U	10	2.0	ug/L		10/12/20 13:47	10/14/20 13:42	1
Nickel	0.81	U	8.0	0.81	ug/L		10/12/20 13:47	10/14/20 13:42	1
Selenium	5.0	U	20	5.0	ug/L		10/12/20 13:47	10/14/20 13:42	1
Silver	1.5	U	10	1.5	ug/L		10/12/20 13:47	10/14/20 13:42	1
Vanadium	4.4	U	20	4.4	ug/L		10/12/20 13:47	10/14/20 13:42	1
Zinc	5.0	U	20	5.0	ug/L		10/12/20 13:47	10/14/20 13:42	1

Lab Sample ID: LCS 660-229475/2-A

Matrix: Water

Analysis Batch: 229568

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 229475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1000	1030		ug/L		103	80 - 120
Iron	1.00	1.03		mg/L		103	80 - 120
Arsenic	1000	1030		ug/L		103	80 - 120
Sodium	10.0	10.4		mg/L		104	80 - 120
Barium	1000	1010		ug/L		101	80 - 120
Beryllium	1000	1030		ug/L		103	80 - 120
Cadmium	1000	1030		ug/L		103	80 - 120
Chromium	1000	1050		ug/L		105	80 - 120
Cobalt	1000	1060		ug/L		106	80 - 120
Copper	1000	1020		ug/L		102	80 - 120
Lead	1000	1070		ug/L		107	80 - 120

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-229475/2-A

Matrix: Water

Analysis Batch: 229568

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 229475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	1000	1010		ug/L		101	80 - 120
Selenium	1000	1040		ug/L		104	80 - 120
Silver	1000	1010		ug/L		101	80 - 120
Vanadium	1000	1020		ug/L		102	80 - 120
Zinc	1000	1050		ug/L		105	80 - 120

Lab Sample ID: 660-104959-1 MS

Matrix: Water

Analysis Batch: 229568

Client Sample ID: AD 00492

Prep Type: Total Recoverable

Prep Batch: 229475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.0	U	1000	1020		ug/L		102	75 - 125
Iron	0.025	U	1.00	1.02		mg/L		102	75 - 125
Arsenic	1.9	U	1000	1020		ug/L		102	75 - 125
Sodium	10		10.0	20.0		mg/L		97	75 - 125
Barium	9.2	I	1000	997		ug/L		99	75 - 125
Beryllium	0.50	U	1000	1020		ug/L		102	75 - 125
Cadmium	0.46	U	1000	1010		ug/L		101	75 - 125
Chromium	1.1	U	1000	1030		ug/L		103	75 - 125
Cobalt	1.0	U	1000	1020		ug/L		102	75 - 125
Copper	2.8	U	1000	994		ug/L		99	75 - 125
Lead	2.0	U	1000	1030		ug/L		103	75 - 125
Nickel	0.81	U	1000	970		ug/L		97	75 - 125
Selenium	5.0	U	1000	1030		ug/L		103	75 - 125
Silver	2.3	I	1000	986		ug/L		98	75 - 125
Vanadium	4.4	U	1000	995		ug/L		99	75 - 125
Zinc	5.0	U	1000	1040		ug/L		104	75 - 125

Lab Sample ID: 660-104959-1 MSD

Matrix: Water

Analysis Batch: 229568

Client Sample ID: AD 00492

Prep Type: Total Recoverable

Prep Batch: 229475

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	4.0	U	1000	1020		ug/L		102	75 - 125	0	20
Iron	0.025	U	1.00	1.02		mg/L		102	75 - 125	1	20
Arsenic	1.9	U	1000	1030		ug/L		103	75 - 125	0	20
Sodium	10		10.0	20.5		mg/L		101	75 - 125	2	20
Barium	9.2	I	1000	992		ug/L		98	75 - 125	1	20
Beryllium	0.50	U	1000	1040		ug/L		104	75 - 125	1	20
Cadmium	0.46	U	1000	1010		ug/L		101	75 - 125	0	20
Chromium	1.1	U	1000	1040		ug/L		104	75 - 125	1	20
Cobalt	1.0	U	1000	1020		ug/L		102	75 - 125	0	20
Copper	2.8	U	1000	993		ug/L		99	75 - 125	0	20
Lead	2.0	U	1000	1030		ug/L		103	75 - 125	1	20
Nickel	0.81	U	1000	986		ug/L		99	75 - 125	2	20
Selenium	5.0	U	1000	1030		ug/L		103	75 - 125	0	20
Silver	2.3	I	1000	990		ug/L		99	75 - 125	0	20
Vanadium	4.4	U	1000	1000		ug/L		100	75 - 125	1	20
Zinc	5.0	U	1000	1040		ug/L		104	75 - 125	0	20

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 660-229553/1-A

Matrix: Water

Analysis Batch: 229640

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 229553

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0	U	20	4.0	ug/L		10/14/20 08:27	10/15/20 15:21	1
Iron	0.025	U	0.20	0.025	mg/L		10/14/20 08:27	10/15/20 15:21	1
Arsenic	1.9	U	10	1.9	ug/L		10/14/20 08:27	10/15/20 15:21	1
Sodium	0.12	U	1.0	0.12	mg/L		10/14/20 08:27	10/15/20 15:21	1
Barium	0.40	U	10	0.40	ug/L		10/14/20 08:27	10/15/20 15:21	1
Beryllium	0.50	U	2.0	0.50	ug/L		10/14/20 08:27	10/15/20 15:21	1
Cadmium	0.46	U	4.0	0.46	ug/L		10/14/20 08:27	10/15/20 15:21	1
Chromium	1.1	U	10	1.1	ug/L		10/14/20 08:27	10/15/20 15:21	1
Cobalt	1.0	U	10	1.0	ug/L		10/14/20 08:27	10/15/20 15:21	1
Copper	2.8	U	10	2.8	ug/L		10/14/20 08:27	10/15/20 15:21	1
Lead	2.0	U	10	2.0	ug/L		10/14/20 08:27	10/15/20 15:21	1
Nickel	0.81	U	8.0	0.81	ug/L		10/14/20 08:27	10/15/20 15:21	1
Selenium	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 15:21	1
Silver	1.5	U	10	1.5	ug/L		10/14/20 08:27	10/15/20 15:21	1
Vanadium	4.4	U	20	4.4	ug/L		10/14/20 08:27	10/15/20 15:21	1
Zinc	5.0	U	20	5.0	ug/L		10/14/20 08:27	10/15/20 15:21	1

Lab Sample ID: LCS 660-229553/2-A

Matrix: Water

Analysis Batch: 229640

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 229553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1000	1030		ug/L		103	80 - 120
Iron	1.00	0.988		mg/L		99	80 - 120
Arsenic	1000	1010		ug/L		101	80 - 120
Sodium	10.0	10.3		mg/L		103	80 - 120
Barium	1000	1000		ug/L		100	80 - 120
Beryllium	1000	961		ug/L		96	80 - 120
Cadmium	1000	990		ug/L		99	80 - 120
Chromium	1000	1030		ug/L		103	80 - 120
Cobalt	1000	1010		ug/L		101	80 - 120
Copper	1000	1030		ug/L		103	80 - 120
Lead	1000	1020		ug/L		102	80 - 120
Nickel	1000	944		ug/L		94	80 - 120
Selenium	1000	1030		ug/L		103	80 - 120
Silver	1000	975		ug/L		97	80 - 120
Vanadium	1000	957		ug/L		96	80 - 120
Zinc	1000	1030		ug/L		103	80 - 120

Lab Sample ID: MB 680-639660/1-A

Matrix: Water

Analysis Batch: 640298

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 639660

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/19/20 13:24	10/21/20 18:44	1
Iron	17	U	50	17	ug/L		10/19/20 13:24	10/21/20 18:44	1
Arsenic	6.2	U	20	6.2	ug/L		10/19/20 13:24	10/21/20 18:44	1
Sodium	860	I	1000	480	ug/L		10/19/20 13:24	10/21/20 18:44	1
Barium	1.7	U	10	1.7	ug/L		10/19/20 13:24	10/21/20 18:44	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 680-639660/1-A

Matrix: Water

Analysis Batch: 640298

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 639660

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.115	I	4.0	0.10	ug/L		10/19/20 13:24	10/21/20 18:44	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/19/20 13:24	10/21/20 18:44	1
Chromium	1.6	U	10	1.6	ug/L		10/19/20 13:24	10/21/20 18:44	1
Cobalt	1.0	U	10	1.0	ug/L		10/19/20 13:24	10/21/20 18:44	1
Copper	1.8	U	20	1.8	ug/L		10/19/20 13:24	10/21/20 18:44	1
Lead	3.9	U	10	3.9	ug/L		10/19/20 13:24	10/21/20 18:44	1
Nickel	2.1	U	40	2.1	ug/L		10/19/20 13:24	10/21/20 18:44	1
Selenium	9.9	U	20	9.9	ug/L		10/19/20 13:24	10/21/20 18:44	1
Silver	0.60	U	10	0.60	ug/L		10/19/20 13:24	10/21/20 18:44	1
Vanadium	1.0	U	10	1.0	ug/L		10/19/20 13:24	10/21/20 18:44	1
Zinc	7.0	U	20	7.0	ug/L		10/19/20 13:24	10/21/20 18:44	1

Lab Sample ID: LCS 680-639660/2-A

Matrix: Water

Analysis Batch: 640298

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 639660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	41.1		ug/L		82	80 - 120
Iron	5000	4900		ug/L		98	80 - 120
Arsenic	100	102		ug/L		102	80 - 120
Sodium	5040	4750		ug/L		94	80 - 120
Barium	100	99.4		ug/L		99	80 - 120
Beryllium	50.0	49.5		ug/L		99	80 - 120
Cadmium	50.0	49.8		ug/L		100	80 - 120
Chromium	100	101		ug/L		101	80 - 120
Cobalt	50.0	49.8		ug/L		100	80 - 120
Copper	100	100		ug/L		100	80 - 120
Lead	454	450		ug/L		99	80 - 120
Nickel	99.0	101		ug/L		102	80 - 120
Selenium	100	109		ug/L		109	80 - 120
Silver	50.0	50.5		ug/L		101	80 - 120
Vanadium	99.8	99.3		ug/L		100	80 - 120
Zinc	100	101		ug/L		101	80 - 120

Lab Sample ID: 680-190222-G-1-E MS

Matrix: Water

Analysis Batch: 640298

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 639660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	41.3		ug/L		83	75 - 125
Iron	17	U	5000	4720		ug/L		94	75 - 125
Arsenic	6.2	U	100	94.2		ug/L		94	75 - 125
Sodium	8100	V	5040	11900		ug/L		75	75 - 125
Barium	1.7	U	100	95.3		ug/L		95	75 - 125
Beryllium	0.12	I V	50.0	47.6		ug/L		95	75 - 125
Cadmium	1.0	U	50.0	47.8		ug/L		96	75 - 125
Chromium	1.6	U	100	97.1		ug/L		97	75 - 125
Cobalt	1.0	U	50.0	47.2		ug/L		94	75 - 125
Copper	1.8	I	100	97.8		ug/L		98	75 - 125

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 680-190222-G-1-E MS

Matrix: Water

Analysis Batch: 640298

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 639660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.9	U	454	434		ug/L		96	75 - 125
Nickel	2.1	U	99.0	98.5		ug/L		99	75 - 125
Selenium	9.9	U	100	107		ug/L		106	75 - 125
Silver	0.72	I	50.0	47.7		ug/L		94	75 - 125
Vanadium	3.8	I	99.8	99.7		ug/L		96	75 - 125
Zinc	7.0	U	100	96.0		ug/L		96	75 - 125

Lab Sample ID: 680-190222-G-1-F MSD

Matrix: Water

Analysis Batch: 640298

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 639660

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	5.3	U	50.0	46.1		ug/L		92	75 - 125	11	20
Iron	17	U	5000	4820		ug/L		96	75 - 125	2	20
Arsenic	6.2	U	100	101		ug/L		101	75 - 125	7	20
Sodium	8100	V	5040	13200		ug/L		102	75 - 125	11	20
Barium	1.7	U	100	97.0		ug/L		97	75 - 125	2	20
Beryllium	0.12	I V	50.0	48.6		ug/L		97	75 - 125	2	20
Cadmium	1.0	U	50.0	48.3		ug/L		97	75 - 125	1	20
Chromium	1.6	U	100	99.1		ug/L		99	75 - 125	2	20
Cobalt	1.0	U	50.0	48.6		ug/L		97	75 - 125	3	20
Copper	1.8	I	100	98.0		ug/L		98	75 - 125	0	20
Lead	3.9	U	454	439		ug/L		97	75 - 125	1	20
Nickel	2.1	U	99.0	99.2		ug/L		100	75 - 125	1	20
Selenium	9.9	U	100	101		ug/L		101	75 - 125	5	20
Silver	0.72	I	50.0	49.5		ug/L		98	75 - 125	4	20
Vanadium	3.8	I	99.8	101		ug/L		97	75 - 125	1	20
Zinc	7.0	U	100	97.9		ug/L		98	75 - 125	2	20

Lab Sample ID: MB 680-640177/1-A

Matrix: Water

Analysis Batch: 640641

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 640177

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 09:50	10/23/20 19:21	1
Iron	17	U	50	17	ug/L		10/22/20 09:50	10/23/20 19:21	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 09:50	10/23/20 19:21	1
Sodium	480	U	1000	480	ug/L		10/22/20 09:50	10/23/20 19:21	1
Barium	1.7	U	10	1.7	ug/L		10/22/20 09:50	10/23/20 19:21	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 09:50	10/23/20 19:21	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 09:50	10/23/20 19:21	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 09:50	10/23/20 19:21	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 09:50	10/23/20 19:21	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 09:50	10/23/20 19:21	1
Lead	3.9	U	10	3.9	ug/L		10/22/20 09:50	10/23/20 19:21	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 09:50	10/23/20 19:21	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 09:50	10/23/20 19:21	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 09:50	10/23/20 19:21	1
Vanadium	1.0	U	10	1.0	ug/L		10/22/20 09:50	10/23/20 19:21	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 680-640177/1-A

Matrix: Water

Analysis Batch: 640641

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 640177

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	7.0	U	20	7.0	ug/L		10/22/20 09:50	10/23/20 19:21	1

Lab Sample ID: LCS 680-640177/2-A

Matrix: Water

Analysis Batch: 640641

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 640177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	41.7		ug/L		83	80 - 120
Iron	5000	4790		ug/L		96	80 - 120
Arsenic	100	90.7		ug/L		91	80 - 120
Sodium	5040	4850		ug/L		96	80 - 120
Barium	100	94.2		ug/L		94	80 - 120
Beryllium	50.0	49.0		ug/L		98	80 - 120
Cadmium	50.0	48.1		ug/L		96	80 - 120
Chromium	100	96.9		ug/L		97	80 - 120
Cobalt	50.0	48.2		ug/L		97	80 - 120
Copper	100	97.3		ug/L		97	80 - 120
Lead	454	439		ug/L		97	80 - 120
Nickel	99.0	96.5		ug/L		98	80 - 120
Selenium	100	92.7		ug/L		93	80 - 120
Silver	50.0	47.5		ug/L		95	80 - 120
Vanadium	99.8	96.2		ug/L		96	80 - 120
Zinc	100	95.5		ug/L		95	80 - 120

Lab Sample ID: 660-105215-1 MS

Matrix: Water

Analysis Batch: 640641

Client Sample ID: 4MW4

Prep Type: Total Recoverable

Prep Batch: 640177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	45.2		ug/L		90	75 - 125
Iron	27	I	5000	4840		ug/L		96	75 - 125
Arsenic	6.2	U	100	97.3		ug/L		97	75 - 125
Sodium	6000		5040	10100		ug/L		81	75 - 125
Barium	3.8	I	100	99.7		ug/L		96	75 - 125
Beryllium	0.10	U	50.0	49.8		ug/L		100	75 - 125
Cadmium	1.0	U	50.0	48.4		ug/L		97	75 - 125
Chromium	1.6	U	100	98.3		ug/L		98	75 - 125
Cobalt	1.0	U	50.0	47.5		ug/L		95	75 - 125
Copper	1.8	U	100	97.7		ug/L		98	75 - 125
Lead	3.9	U	454	439		ug/L		97	75 - 125
Nickel	2.1	U	99.0	97.2		ug/L		98	75 - 125
Selenium	9.9	U	100	93.2		ug/L		93	75 - 125
Silver	0.60	U	50.0	49.8		ug/L		100	75 - 125
Vanadium	3.8	I	99.8	101		ug/L		97	75 - 125
Zinc	7.0	U	100	94.5		ug/L		95	75 - 125

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 660-105215-1 MSD

Matrix: Water

Analysis Batch: 640641

Client Sample ID: 4MW4

Prep Type: Total Recoverable

Prep Batch: 640177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	5.3	U	50.0	43.1		ug/L		86	75 - 125	5	20
Iron	27	I	5000	4800		ug/L		96	75 - 125	1	20
Arsenic	6.2	U	100	94.3		ug/L		94	75 - 125	3	20
Sodium	6000		5040	9790		ug/L		75	75 - 125	3	20
Barium	3.8	I	100	99.7		ug/L		96	75 - 125	0	20
Beryllium	0.10	U	50.0	49.4		ug/L		99	75 - 125	1	20
Cadmium	1.0	U	50.0	48.0		ug/L		96	75 - 125	1	20
Chromium	1.6	U	100	97.2		ug/L		97	75 - 125	1	20
Cobalt	1.0	U	50.0	46.5		ug/L		93	75 - 125	2	20
Copper	1.8	U	100	97.1		ug/L		97	75 - 125	1	20
Lead	3.9	U	454	440		ug/L		97	75 - 125	0	20
Nickel	2.1	U	99.0	98.0		ug/L		99	75 - 125	1	20
Selenium	9.9	U	100	100		ug/L		100	75 - 125	7	20
Silver	0.60	U	50.0	47.8		ug/L		96	75 - 125	4	20
Vanadium	3.8	I	99.8	99.6		ug/L		96	75 - 125	1	20
Zinc	7.0	U	100	94.1		ug/L		94	75 - 125	0	20

Lab Sample ID: MB 680-640204/1-A

Matrix: Water

Analysis Batch: 640642

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 640204

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/22/20 10:11	10/23/20 22:56	1
Iron	17	U	50	17	ug/L		10/22/20 10:11	10/23/20 22:56	1
Arsenic	6.2	U	20	6.2	ug/L		10/22/20 10:11	10/23/20 22:56	1
Sodium	480	U	1000	480	ug/L		10/22/20 10:11	10/23/20 22:56	1
Barium	1.7	U	10	1.7	ug/L		10/22/20 10:11	10/23/20 22:56	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/22/20 10:11	10/23/20 22:56	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/22/20 10:11	10/23/20 22:56	1
Chromium	1.6	U	10	1.6	ug/L		10/22/20 10:11	10/23/20 22:56	1
Cobalt	1.0	U	10	1.0	ug/L		10/22/20 10:11	10/23/20 22:56	1
Copper	1.8	U	20	1.8	ug/L		10/22/20 10:11	10/23/20 22:56	1
Lead	3.9	U	10	3.9	ug/L		10/22/20 10:11	10/23/20 22:56	1
Nickel	2.1	U	40	2.1	ug/L		10/22/20 10:11	10/23/20 22:56	1
Selenium	9.9	U	20	9.9	ug/L		10/22/20 10:11	10/23/20 22:56	1
Silver	0.60	U	10	0.60	ug/L		10/22/20 10:11	10/23/20 22:56	1
Vanadium	1.0	U	10	1.0	ug/L		10/22/20 10:11	10/23/20 22:56	1
Zinc	7.0	U	20	7.0	ug/L		10/22/20 10:11	10/23/20 22:56	1

Lab Sample ID: LCS 680-640204/2-A

Matrix: Water

Analysis Batch: 640642

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 640204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	40.2		ug/L		81	80 - 120
Iron	5000	4820		ug/L		96	80 - 120
Arsenic	100	92.0		ug/L		92	80 - 120
Sodium	5040	4340		ug/L		86	80 - 120
Barium	100	94.5		ug/L		95	80 - 120

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QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-640204/2-A
Matrix: Water
Analysis Batch: 640642

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 640204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	50.0	49.3		ug/L		99	80 - 120
Cadmium	50.0	47.8		ug/L		96	80 - 120
Chromium	100	97.3		ug/L		97	80 - 120
Cobalt	50.0	47.8		ug/L		96	80 - 120
Copper	100	95.6		ug/L		96	80 - 120
Lead	454	441		ug/L		97	80 - 120
Nickel	99.0	97.8		ug/L		99	80 - 120
Selenium	100	90.3		ug/L		90	80 - 120
Silver	50.0	47.2		ug/L		94	80 - 120
Vanadium	99.8	95.8		ug/L		96	80 - 120
Zinc	100	96.7		ug/L		97	80 - 120

Lab Sample ID: MB 680-641188/1-A
Matrix: Water
Analysis Batch: 643776

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 641188

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/28/20 14:34	11/12/20 11:17	1
Iron	17.5	I	50	17	ug/L		10/28/20 14:34	11/12/20 11:17	1
Arsenic	6.2	U	20	6.2	ug/L		10/28/20 14:34	11/12/20 11:17	1
Sodium	480	U	1000	480	ug/L		10/28/20 14:34	11/12/20 11:17	1
Barium	1.7	U	10	1.7	ug/L		10/28/20 14:34	11/12/20 11:17	1
Beryllium	0.108	I	4.0	0.10	ug/L		10/28/20 14:34	11/12/20 11:17	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/28/20 14:34	11/12/20 11:17	1
Chromium	1.6	U	10	1.6	ug/L		10/28/20 14:34	11/12/20 11:17	1
Cobalt	1.0	U	10	1.0	ug/L		10/28/20 14:34	11/12/20 11:17	1
Copper	1.8	U	20	1.8	ug/L		10/28/20 14:34	11/12/20 11:17	1
Lead	3.9	U	10	3.9	ug/L		10/28/20 14:34	11/12/20 11:17	1
Nickel	2.1	U	40	2.1	ug/L		10/28/20 14:34	11/12/20 11:17	1
Selenium	9.9	U	20	9.9	ug/L		10/28/20 14:34	11/12/20 11:17	1
Silver	0.60	U	10	0.60	ug/L		10/28/20 14:34	11/12/20 11:17	1
Vanadium	1.0	U	10	1.0	ug/L		10/28/20 14:34	11/12/20 11:17	1
Zinc	7.0	U	20	7.0	ug/L		10/28/20 14:34	11/12/20 11:17	1

Lab Sample ID: LCS 680-641188/2-A
Matrix: Water
Analysis Batch: 643776

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 641188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.0		ug/L		96	80 - 120
Iron	5000	5090		ug/L		102	80 - 120
Arsenic	100	99.4		ug/L		99	80 - 120
Sodium	5040	4800		ug/L		95	80 - 120
Barium	100	95.8		ug/L		96	80 - 120
Beryllium	50.0	52.8		ug/L		106	80 - 120
Cadmium	50.0	51.8		ug/L		104	80 - 120
Chromium	100	101		ug/L		101	80 - 120
Cobalt	50.0	49.3		ug/L		99	80 - 120
Copper	100	102		ug/L		102	80 - 120

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QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-641188/2-A

Matrix: Water

Analysis Batch: 643776

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 641188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	454	467		ug/L		103	80 - 120
Nickel	99.0	103		ug/L		104	80 - 120
Selenium	100	99.0		ug/L		99	80 - 120
Silver	50.0	49.9		ug/L		100	80 - 120
Vanadium	99.8	99.0		ug/L		99	80 - 120
Zinc	100	108		ug/L		108	80 - 120

Lab Sample ID: 660-105168-F-1-E MS

Matrix: Water

Analysis Batch: 643776

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 641188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	51.4		ug/L		103	75 - 125
Iron	61	V	5000	5030		ug/L		99	75 - 125
Arsenic	6.2	U	100	103		ug/L		103	75 - 125
Sodium	130000	J3	5040	126000	J3	ug/L		11	75 - 125
Barium	47		100	139		ug/L		91	75 - 125
Beryllium	0.20	I V	50.0	52.5		ug/L		105	75 - 125
Cadmium	1.0	U	50.0	50.6		ug/L		101	75 - 125
Chromium	1.8	I	100	101		ug/L		99	75 - 125
Cobalt	1.0	U	50.0	48.2		ug/L		97	75 - 125
Copper	1.8	U	100	103		ug/L		103	75 - 125
Lead	3.9	U	454	451		ug/L		99	75 - 125
Nickel	2.1	U	99.0	101		ug/L		102	75 - 125
Selenium	9.9	U	100	107		ug/L		106	75 - 125
Silver	0.60	U	50.0	50.6		ug/L		101	75 - 125
Vanadium	14		99.8	110		ug/L		97	75 - 125
Zinc	7.0	U	100	111		ug/L		111	75 - 125

Lab Sample ID: 660-105168-F-1-F MSD

Matrix: Water

Analysis Batch: 643776

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 641188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	5.3	U	50.0	54.6		ug/L		109	75 - 125	6	20
Iron	61	V	5000	4980		ug/L		98	75 - 125	1	20
Arsenic	6.2	U	100	104		ug/L		104	75 - 125	1	20
Sodium	130000	J3	5040	125000	J3	ug/L		-10	75 - 125	1	20
Barium	47		100	137		ug/L		90	75 - 125	1	20
Beryllium	0.20	I V	50.0	52.2		ug/L		104	75 - 125	1	20
Cadmium	1.0	U	50.0	50.0		ug/L		100	75 - 125	1	20
Chromium	1.8	I	100	100		ug/L		98	75 - 125	1	20
Cobalt	1.0	U	50.0	47.3		ug/L		95	75 - 125	2	20
Copper	1.8	U	100	102		ug/L		102	75 - 125	1	20
Lead	3.9	U	454	445		ug/L		98	75 - 125	1	20
Nickel	2.1	U	99.0	100		ug/L		101	75 - 125	0	20
Selenium	9.9	U	100	114		ug/L		113	75 - 125	6	20
Silver	0.60	U	50.0	50.2		ug/L		100	75 - 125	1	20
Vanadium	14		99.8	109		ug/L		96	75 - 125	1	20

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QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 660-105168-F-1-F MSD
Matrix: Water
Analysis Batch: 643776

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 641188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	7.0	U	100	109		ug/L		109	75 - 125	1	20

Lab Sample ID: MB 680-641196/1-A
Matrix: Water
Analysis Batch: 641661

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 641196

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		10/28/20 15:11	10/30/20 03:35	1
Iron	17	U	50	17	ug/L		10/28/20 15:11	10/30/20 03:35	1
Arsenic	6.2	U	20	6.2	ug/L		10/28/20 15:11	10/30/20 03:35	1
Sodium	937	I	1000	480	ug/L		10/28/20 15:11	10/30/20 03:35	1
Barium	1.7	U	10	1.7	ug/L		10/28/20 15:11	10/30/20 03:35	1
Beryllium	0.10	U	4.0	0.10	ug/L		10/28/20 15:11	10/30/20 03:35	1
Cadmium	1.0	U	5.0	1.0	ug/L		10/28/20 15:11	10/30/20 03:35	1
Chromium	1.6	U	10	1.6	ug/L		10/28/20 15:11	10/30/20 03:35	1
Cobalt	1.0	U	10	1.0	ug/L		10/28/20 15:11	10/30/20 03:35	1
Copper	1.8	U	20	1.8	ug/L		10/28/20 15:11	10/30/20 03:35	1
Lead	3.9	U	10	3.9	ug/L		10/28/20 15:11	10/30/20 03:35	1
Nickel	2.1	U	40	2.1	ug/L		10/28/20 15:11	10/30/20 03:35	1
Selenium	9.9	U	20	9.9	ug/L		10/28/20 15:11	10/30/20 03:35	1
Silver	0.60	U	10	0.60	ug/L		10/28/20 15:11	10/30/20 03:35	1
Vanadium	1.0	U	10	1.0	ug/L		10/28/20 15:11	10/30/20 03:35	1
Zinc	7.0	U	20	7.0	ug/L		10/28/20 15:11	10/30/20 03:35	1

Lab Sample ID: LCS 680-641196/2-A
Matrix: Water
Analysis Batch: 641661

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 641196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	41.6		ug/L		83	80 - 120
Iron	5000	4930		ug/L		99	80 - 120
Arsenic	100	103		ug/L		103	80 - 120
Sodium	5040	4970		ug/L		99	80 - 120
Barium	100	99.8		ug/L		100	80 - 120
Beryllium	50.0	51.2		ug/L		102	80 - 120
Cadmium	50.0	48.9		ug/L		98	80 - 120
Chromium	100	100		ug/L		100	80 - 120
Cobalt	50.0	48.1		ug/L		96	80 - 120
Copper	100	97.9		ug/L		98	80 - 120
Lead	454	453		ug/L		100	80 - 120
Nickel	99.0	102		ug/L		103	80 - 120
Selenium	100	93.5		ug/L		93	80 - 120
Silver	50.0	49.5		ug/L		99	80 - 120
Vanadium	99.8	99.2		ug/L		99	80 - 120
Zinc	100	102		ug/L		102	80 - 120

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 660-105349-1 MS

Matrix: Water

Analysis Batch: 641661

Client Sample ID: 4MW14D

Prep Type: Total Recoverable

Prep Batch: 641196

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	46.8		ug/L		94	75 - 125
Iron	29	I	5000	4770		ug/L		95	75 - 125
Arsenic	6.2	U	100	99.3		ug/L		99	75 - 125
Sodium	8700	V	5040	14200		ug/L		109	75 - 125
Barium	7.1	I	100	102		ug/L		95	75 - 125
Beryllium	0.10	U	50.0	49.5		ug/L		99	75 - 125
Cadmium	1.0	U	50.0	47.0		ug/L		94	75 - 125
Chromium	1.6	U	100	97.0		ug/L		97	75 - 125
Cobalt	1.0	U	50.0	46.5		ug/L		93	75 - 125
Copper	1.8	U	100	94.8		ug/L		95	75 - 125
Lead	3.9	U	454	433		ug/L		95	75 - 125
Nickel	2.1	U	99.0	97.3		ug/L		98	75 - 125
Selenium	9.9	U	100	92.6		ug/L		92	75 - 125
Silver	0.60	U	50.0	47.6		ug/L		95	75 - 125
Vanadium	2.4	I	99.8	97.2		ug/L		95	75 - 125
Zinc	7.0	U	100	95.1		ug/L		95	75 - 125

Lab Sample ID: 660-105349-1 MSD

Matrix: Water

Analysis Batch: 641661

Client Sample ID: 4MW14D

Prep Type: Total Recoverable

Prep Batch: 641196

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	5.3	U	50.0	47.0		ug/L		94	75 - 125	1	20
Iron	29	I	5000	4860		ug/L		97	75 - 125	2	20
Arsenic	6.2	U	100	100		ug/L		100	75 - 125	1	20
Sodium	8700	V	5040	14000		ug/L		105	75 - 125	2	20
Barium	7.1	I	100	104		ug/L		97	75 - 125	2	20
Beryllium	0.10	U	50.0	50.4		ug/L		101	75 - 125	2	20
Cadmium	1.0	U	50.0	47.8		ug/L		96	75 - 125	2	20
Chromium	1.6	U	100	98.7		ug/L		99	75 - 125	2	20
Cobalt	1.0	U	50.0	48.2		ug/L		97	75 - 125	4	20
Copper	1.8	U	100	96.9		ug/L		97	75 - 125	2	20
Lead	3.9	U	454	448		ug/L		99	75 - 125	3	20
Nickel	2.1	U	99.0	97.2		ug/L		98	75 - 125	0	20
Selenium	9.9	U	100	86.7		ug/L		87	75 - 125	7	20
Silver	0.60	U	50.0	49.2		ug/L		98	75 - 125	3	20
Vanadium	2.4	I	99.8	99.4		ug/L		97	75 - 125	2	20
Zinc	7.0	U	100	98.2		ug/L		98	75 - 125	3	20

Lab Sample ID: MB 680-642087/1-A

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642087

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/03/20 13:25	11/04/20 16:57	1
Iron	17	U	50	17	ug/L		11/03/20 13:25	11/04/20 16:57	1
Arsenic	6.2	U	20	6.2	ug/L		11/03/20 13:25	11/04/20 16:57	1
Sodium	480	U	1000	480	ug/L		11/03/20 13:25	11/04/20 16:57	1
Barium	1.7	U	10	1.7	ug/L		11/03/20 13:25	11/04/20 16:57	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 680-642087/1-A

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642087

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.10	U	4.0	0.10	ug/L		11/03/20 13:25	11/04/20 16:57	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/03/20 13:25	11/04/20 16:57	1
Chromium	1.6	U	10	1.6	ug/L		11/03/20 13:25	11/04/20 16:57	1
Cobalt	1.0	U	10	1.0	ug/L		11/03/20 13:25	11/04/20 16:57	1
Copper	1.8	U	20	1.8	ug/L		11/03/20 13:25	11/04/20 16:57	1
Lead	3.9	U	10	3.9	ug/L		11/03/20 13:25	11/04/20 16:57	1
Nickel	2.1	U	40	2.1	ug/L		11/03/20 13:25	11/04/20 16:57	1
Selenium	9.9	U	20	9.9	ug/L		11/03/20 13:25	11/04/20 16:57	1
Silver	0.60	U	10	0.60	ug/L		11/03/20 13:25	11/04/20 16:57	1
Vanadium	1.0	U	10	1.0	ug/L		11/03/20 13:25	11/04/20 16:57	1
Zinc	7.0	U	20	7.0	ug/L		11/03/20 13:25	11/04/20 16:57	1

Lab Sample ID: LCS 680-642087/2-A

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 642087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.0		ug/L		98	80 - 120
Iron	5000	4910		ug/L		98	80 - 120
Arsenic	100	93.1		ug/L		93	80 - 120
Sodium	5040	4940		ug/L		98	80 - 120
Barium	100	96.8		ug/L		97	80 - 120
Beryllium	50.0	49.5		ug/L		99	80 - 120
Cadmium	50.0	49.2		ug/L		98	80 - 120
Chromium	100	98.4		ug/L		98	80 - 120
Cobalt	50.0	48.4		ug/L		97	80 - 120
Copper	100	101		ug/L		101	80 - 120
Lead	454	447		ug/L		98	80 - 120
Nickel	99.0	96.5		ug/L		97	80 - 120
Selenium	100	101		ug/L		101	80 - 120
Silver	50.0	49.0		ug/L		98	80 - 120
Vanadium	99.8	98.5		ug/L		99	80 - 120
Zinc	100	95.5		ug/L		95	80 - 120

Lab Sample ID: 660-105523-C-3-E MS

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 642087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	51.4		ug/L		103	75 - 125
Iron	17	U	5000	5070		ug/L		101	75 - 125
Arsenic	6.2	U	100	101		ug/L		101	75 - 125
Sodium	21000	J3	5040	24800	J3	ug/L		74	75 - 125
Barium	26		100	125		ug/L		99	75 - 125
Beryllium	0.13	I	50.0	50.5		ug/L		101	75 - 125
Cadmium	1.0	U	50.0	49.9		ug/L		100	75 - 125
Chromium	1.6	U	100	101		ug/L		101	75 - 125
Cobalt	1.0	U	50.0	50.1		ug/L		100	75 - 125
Copper	3.0	I	100	106		ug/L		103	75 - 125

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 660-105523-C-3-E MS

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 642087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.9	U	454	462		ug/L		102	75 - 125
Nickel	8.9	I	99.0	105		ug/L		98	75 - 125
Selenium	9.9	U	100	106		ug/L		106	75 - 125
Silver	0.60	U	50.0	48.3		ug/L		97	75 - 125
Vanadium	2.3	I	99.8	102		ug/L		100	75 - 125
Zinc	33		100	129		ug/L		96	75 - 125

Lab Sample ID: 660-105523-C-3-F MSD

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 642087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	5.3	U	50.0	50.3		ug/L		101	75 - 125	2	20
Iron	17	U	5000	4850		ug/L		97	75 - 125	5	20
Arsenic	6.2	U	100	92.7		ug/L		93	75 - 125	8	20
Sodium	21000	J3	5040	25600		ug/L		89	75 - 125	3	20
Barium	26		100	123		ug/L		97	75 - 125	1	20
Beryllium	0.13	I	50.0	49.1		ug/L		98	75 - 125	3	20
Cadmium	1.0	U	50.0	48.3		ug/L		97	75 - 125	3	20
Chromium	1.6	U	100	97.1		ug/L		97	75 - 125	4	20
Cobalt	1.0	U	50.0	49.4		ug/L		99	75 - 125	1	20
Copper	3.0	I	100	102		ug/L		99	75 - 125	4	20
Lead	3.9	U	454	453		ug/L		100	75 - 125	2	20
Nickel	8.9	I	99.0	102		ug/L		94	75 - 125	4	20
Selenium	9.9	U	100	101		ug/L		101	75 - 125	4	20
Silver	0.60	U	50.0	48.0		ug/L		96	75 - 125	1	20
Vanadium	2.3	I	99.8	99.4		ug/L		97	75 - 125	3	20
Zinc	33		100	131		ug/L		98	75 - 125	1	20

Lab Sample ID: MB 680-642112/1-A

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/03/20 15:45	11/04/20 15:55	1
Iron	17	U	50	17	ug/L		11/03/20 15:45	11/04/20 15:55	1
Arsenic	6.2	U	20	6.2	ug/L		11/03/20 15:45	11/04/20 15:55	1
Sodium	480	U	1000	480	ug/L		11/03/20 15:45	11/04/20 15:55	1
Barium	1.7	U	10	1.7	ug/L		11/03/20 15:45	11/04/20 15:55	1
Beryllium	0.103	I	4.0	0.10	ug/L		11/03/20 15:45	11/04/20 15:55	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/03/20 15:45	11/04/20 15:55	1
Chromium	1.6	U	10	1.6	ug/L		11/03/20 15:45	11/04/20 15:55	1
Cobalt	1.0	U	10	1.0	ug/L		11/03/20 15:45	11/04/20 15:55	1
Copper	1.8	U	20	1.8	ug/L		11/03/20 15:45	11/04/20 15:55	1
Lead	3.9	U	10	3.9	ug/L		11/03/20 15:45	11/04/20 15:55	1
Nickel	2.1	U	40	2.1	ug/L		11/03/20 15:45	11/04/20 15:55	1
Selenium	9.9	U	20	9.9	ug/L		11/03/20 15:45	11/04/20 15:55	1
Silver	0.60	U	10	0.60	ug/L		11/03/20 15:45	11/04/20 15:55	1
Vanadium	1.0	U	10	1.0	ug/L		11/03/20 15:45	11/04/20 15:55	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 680-642112/1-A

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	7.0	U	20	7.0	ug/L		11/03/20 15:45	11/04/20 15:55	1

Lab Sample ID: LCS 680-642112/2-A

Matrix: Water

Analysis Batch: 642498

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	45.8		ug/L		92	80 - 120
Iron	5000	4890		ug/L		98	80 - 120
Arsenic	100	98.1		ug/L		98	80 - 120
Sodium	5040	4810		ug/L		95	80 - 120
Barium	100	95.6		ug/L		96	80 - 120
Beryllium	50.0	49.5		ug/L		99	80 - 120
Cadmium	50.0	48.7		ug/L		97	80 - 120
Chromium	100	98.5		ug/L		99	80 - 120
Cobalt	50.0	48.2		ug/L		96	80 - 120
Copper	100	101		ug/L		101	80 - 120
Lead	454	449		ug/L		99	80 - 120
Nickel	99.0	97.6		ug/L		99	80 - 120
Selenium	100	89.2		ug/L		89	80 - 120
Silver	50.0	49.0		ug/L		98	80 - 120
Vanadium	99.8	98.6		ug/L		99	80 - 120
Zinc	100	97.8		ug/L		98	80 - 120

Lab Sample ID: 660-105480-2 MS

Matrix: Water

Analysis Batch: 642498

Client Sample ID: 2MW24S

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	52.0		ug/L		104	75 - 125
Antimony	5.3	U	50.0	52.0		ug/L		104	75 - 125
Iron	35	I	5000	4910		ug/L		97	75 - 125
Iron	35	I	5000	4910		ug/L		97	75 - 125
Arsenic	6.2	U	100	93.7		ug/L		94	75 - 125
Arsenic	6.2	U	100	93.7		ug/L		94	75 - 125
Sodium	13000		5040	18500		ug/L		101	75 - 125
Sodium	13000		5040	18500		ug/L		101	75 - 125
Barium	15		100	113		ug/L		98	75 - 125
Barium	15		100	113		ug/L		98	75 - 125
Beryllium	0.13	I V	50.0	49.8		ug/L		99	75 - 125
Beryllium	0.13	I V	50.0	49.8		ug/L		99	75 - 125
Cadmium	1.0	U	50.0	48.8		ug/L		98	75 - 125
Cadmium	1.0	U	50.0	48.8		ug/L		98	75 - 125
Chromium	1.6	U	100	97.9		ug/L		98	75 - 125
Chromium	1.6	U	100	97.9		ug/L		98	75 - 125
Cobalt	1.0	U	50.0	47.3		ug/L		95	75 - 125
Cobalt	1.0	U	50.0	47.3		ug/L		95	75 - 125
Copper	1.8	U	100	102		ug/L		102	75 - 125
Copper	1.8	U	100	102		ug/L		102	75 - 125

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 660-105480-2 MS

Matrix: Water

Analysis Batch: 642498

Client Sample ID: 2MW24S

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.9	U	454	449		ug/L		99	75 - 125
Lead	3.9	U	454	449		ug/L		99	75 - 125
Nickel	2.1	U	99.0	96.9		ug/L		98	75 - 125
Nickel	2.1	U	99.0	96.9		ug/L		98	75 - 125
Selenium	12	I	100	103		ug/L		91	75 - 125
Selenium	12	I	100	103		ug/L		91	75 - 125
Silver	0.60	U	50.0	49.7		ug/L		99	75 - 125
Silver	0.60	U	50.0	49.7		ug/L		99	75 - 125
Vanadium	1.0	I	99.8	99.8		ug/L		99	75 - 125
Vanadium	1.0	I	99.8	99.8		ug/L		99	75 - 125
Zinc	7.0	U	100	96.0		ug/L		96	75 - 125
Zinc	7.0	U	100	96.0		ug/L		96	75 - 125

Lab Sample ID: 660-105480-2 MSD

Matrix: Water

Analysis Batch: 642498

Client Sample ID: 2MW24S

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	5.3	U	50.0	48.5		ug/L		97	75 - 125	7	20
Antimony	5.3	U	50.0	48.5		ug/L		97	75 - 125	7	20
Iron	35	I	5000	4810		ug/L		95	75 - 125	2	20
Iron	35	I	5000	4810		ug/L		95	75 - 125	2	20
Arsenic	6.2	U	100	87.3		ug/L		87	75 - 125	7	20
Arsenic	6.2	U	100	87.3		ug/L		87	75 - 125	7	20
Sodium	13000		5040	17800		ug/L		88	75 - 125	4	20
Sodium	13000		5040	17800		ug/L		88	75 - 125	4	20
Barium	15		100	108		ug/L		94	75 - 125	4	20
Barium	15		100	108		ug/L		94	75 - 125	4	20
Beryllium	0.13	I V	50.0	48.9		ug/L		97	75 - 125	2	20
Beryllium	0.13	I V	50.0	48.9		ug/L		97	75 - 125	2	20
Cadmium	1.0	U	50.0	47.6		ug/L		95	75 - 125	2	20
Cadmium	1.0	U	50.0	47.6		ug/L		95	75 - 125	2	20
Chromium	1.6	U	100	95.9		ug/L		96	75 - 125	2	20
Chromium	1.6	U	100	95.9		ug/L		96	75 - 125	2	20
Cobalt	1.0	U	50.0	47.3		ug/L		95	75 - 125	0	20
Cobalt	1.0	U	50.0	47.3		ug/L		95	75 - 125	0	20
Copper	1.8	U	100	99.2		ug/L		99	75 - 125	3	20
Copper	1.8	U	100	99.2		ug/L		99	75 - 125	3	20
Lead	3.9	U	454	438		ug/L		97	75 - 125	2	20
Lead	3.9	U	454	438		ug/L		97	75 - 125	2	20
Nickel	2.1	U	99.0	95.1		ug/L		96	75 - 125	2	20
Nickel	2.1	U	99.0	95.1		ug/L		96	75 - 125	2	20
Selenium	12	I	100	103		ug/L		91	75 - 125	0	20
Selenium	12	I	100	103		ug/L		91	75 - 125	0	20
Silver	0.60	U	50.0	47.7		ug/L		95	75 - 125	4	20
Silver	0.60	U	50.0	47.7		ug/L		95	75 - 125	4	20
Vanadium	1.0	I	99.8	97.5		ug/L		97	75 - 125	2	20
Vanadium	1.0	I	99.8	97.5		ug/L		97	75 - 125	2	20
Zinc	7.0	U	100	92.5		ug/L		92	75 - 125	4	20

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 660-105480-2 MSD

Matrix: Water

Analysis Batch: 642498

Client Sample ID: 2MW24S

Prep Type: Total Recoverable

Prep Batch: 642112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	7.0	U	100	92.5		ug/L		92	75 - 125	4	20

Lab Sample ID: MB 680-642621/1-A

Matrix: Water

Analysis Batch: 643242

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642621

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	U	20	5.3	ug/L		11/05/20 18:10	11/10/20 06:47	1
Iron	17	U	50	17	ug/L		11/05/20 18:10	11/10/20 06:47	1
Arsenic	6.2	U	20	6.2	ug/L		11/05/20 18:10	11/10/20 06:47	1
Sodium	480	U	1000	480	ug/L		11/05/20 18:10	11/10/20 06:47	1
Barium	1.7	U	10	1.7	ug/L		11/05/20 18:10	11/10/20 06:47	1
Beryllium	0.10	U	4.0	0.10	ug/L		11/05/20 18:10	11/10/20 06:47	1
Cadmium	1.0	U	5.0	1.0	ug/L		11/05/20 18:10	11/10/20 06:47	1
Chromium	1.6	U	10	1.6	ug/L		11/05/20 18:10	11/10/20 06:47	1
Cobalt	1.0	U	10	1.0	ug/L		11/05/20 18:10	11/10/20 06:47	1
Copper	1.8	U	20	1.8	ug/L		11/05/20 18:10	11/10/20 06:47	1
Lead	6.04	I	10	3.9	ug/L		11/05/20 18:10	11/10/20 06:47	1
Nickel	2.1	U	40	2.1	ug/L		11/05/20 18:10	11/10/20 06:47	1
Selenium	9.9	U	20	9.9	ug/L		11/05/20 18:10	11/10/20 06:47	1
Silver	0.60	U	10	0.60	ug/L		11/05/20 18:10	11/10/20 06:47	1
Vanadium	1.0	U	10	1.0	ug/L		11/05/20 18:10	11/10/20 06:47	1
Zinc	7.0	U	20	7.0	ug/L		11/05/20 18:10	11/10/20 06:47	1

Lab Sample ID: LCS 680-642621/2-A

Matrix: Water

Analysis Batch: 643242

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 642621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	47.5		ug/L		95	80 - 120
Iron	5000	4740		ug/L		95	80 - 120
Arsenic	100	99.6		ug/L		100	80 - 120
Sodium	5040	4670		ug/L		93	80 - 120
Barium	100	93.2		ug/L		93	80 - 120
Beryllium	50.0	47.9		ug/L		96	80 - 120
Cadmium	50.0	47.3		ug/L		95	80 - 120
Chromium	100	94.4		ug/L		94	80 - 120
Cobalt	50.0	45.7		ug/L		92	80 - 120
Copper	100	95.3		ug/L		95	80 - 120
Lead	454	433		ug/L		95	80 - 120
Nickel	99.0	94.2		ug/L		95	80 - 120
Selenium	100	94.5		ug/L		94	80 - 120
Silver	50.0	47.9		ug/L		96	80 - 120
Vanadium	99.8	94.2		ug/L		94	80 - 120
Zinc	100	98.0		ug/L		98	80 - 120

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 680-190296-A-5-E MS

Matrix: Water

Analysis Batch: 640642

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 640204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.3	U	50.0	45.3		ug/L		91	75 - 125
Iron	30000	J3	5000	35400		ug/L		112	75 - 125
Arsenic	340		100	455		ug/L		113	75 - 125
Sodium	420000	J3	5040	434000	J3	ug/L		375	75 - 125
Barium	110		100	212		ug/L		100	75 - 125
Beryllium	0.10	U	50.0	50.0		ug/L		100	75 - 125
Cadmium	1.0	U	50.0	49.0		ug/L		98	75 - 125
Chromium	1.6	U	100	98.6		ug/L		99	75 - 125
Cobalt	8.0	I	50.0	57.1		ug/L		98	75 - 125
Copper	1.8	U	100	99.6		ug/L		100	75 - 125
Lead	5.6	I	454	440		ug/L		96	75 - 125
Nickel	2.1	U	99.0	98.0		ug/L		99	75 - 125
Selenium	9.9	U	100	90.5		ug/L		90	75 - 125
Silver	0.60	U	50.0	50.1		ug/L		100	75 - 125
Vanadium	1.0	U	99.8	98.1		ug/L		98	75 - 125
Zinc	14	I	100	100		ug/L		86	75 - 125

Lab Sample ID: 680-190296-A-5-F MSD

Matrix: Water

Analysis Batch: 640642

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 640204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	5.3	U	50.0	44.5		ug/L		89	75 - 125	2	20
Iron	30000	J3	5000	36200	J3	ug/L		128	75 - 125	2	20
Arsenic	340		100	467		ug/L		125	75 - 125	3	20
Sodium	420000	J3	5040	450000	J3	ug/L		683	75 - 125	4	20
Barium	110		100	217		ug/L		105	75 - 125	2	20
Beryllium	0.10	U	50.0	51.4		ug/L		103	75 - 125	3	20
Cadmium	1.0	U	50.0	49.6		ug/L		99	75 - 125	1	20
Chromium	1.6	U	100	99.6		ug/L		100	75 - 125	1	20
Cobalt	8.0	I	50.0	56.5		ug/L		97	75 - 125	1	20
Copper	1.8	U	100	101		ug/L		101	75 - 125	1	20
Lead	5.6	I	454	441		ug/L		96	75 - 125	0	20
Nickel	2.1	U	99.0	102		ug/L		103	75 - 125	4	20
Selenium	9.9	U	100	105		ug/L		105	75 - 125	15	20
Silver	0.60	U	50.0	51.9		ug/L		104	75 - 125	3	20
Vanadium	1.0	U	99.8	99.6		ug/L		100	75 - 125	1	20
Zinc	14	I	100	102		ug/L		87	75 - 125	1	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-638233/1-A

Matrix: Water

Analysis Batch: 638617

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 638233

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/09/20 13:11	10/12/20 19:50	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

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

Lab Sample ID: LCS 680-638233/2-A

Matrix: Water

Analysis Batch: 638617

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 638233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	44.9		ug/L		112	80 - 120

Lab Sample ID: 660-104948-D-5-B MS

Matrix: Water

Analysis Batch: 638617

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 638233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	39.7		ug/L		99	75 - 125

Lab Sample ID: 660-104948-D-5-C MSD

Matrix: Water

Analysis Batch: 638617

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 638233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thallium	0.49	U	40.0	39.9		ug/L		100	75 - 125	1	20

Lab Sample ID: MB 680-639121/1-A

Matrix: Water

Analysis Batch: 639439

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 639121

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/15/20 12:05	10/16/20 15:36	1

Lab Sample ID: LCS 680-639121/2-A

Matrix: Water

Analysis Batch: 639439

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 639121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	39.6		ug/L		99	80 - 120

Lab Sample ID: 660-105034-1 MS

Matrix: Water

Analysis Batch: 639439

Client Sample ID: 4MW23

Prep Type: Total Recoverable

Prep Batch: 639121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	44.7		ug/L		112	75 - 125

Lab Sample ID: 660-105034-1 MSD

Matrix: Water

Analysis Batch: 639439

Client Sample ID: 4MW23

Prep Type: Total Recoverable

Prep Batch: 639121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thallium	0.49	U	40.0	42.9		ug/L		107	75 - 125	4	20

Lab Sample ID: MB 680-639659/1-A

Matrix: Water

Analysis Batch: 639949

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 639659

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/19/20 13:24	10/20/20 16:50	1

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QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 680-639659/2-A

Matrix: Water

Analysis Batch: 639949

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 639659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	41.3		ug/L		103	80 - 120

Lab Sample ID: 680-190222-G-1-B MS

Matrix: Water

Analysis Batch: 639949

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 639659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	40.3		ug/L		101	75 - 125

Lab Sample ID: 680-190222-G-1-C MSD

Matrix: Water

Analysis Batch: 639949

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 639659

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thallium	0.49	U	40.0	40.4		ug/L		101	75 - 125	0	20

Lab Sample ID: MB 680-640175/1-A

Matrix: Water

Analysis Batch: 640364

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 640175

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 09:50	10/22/20 18:47	1

Lab Sample ID: LCS 680-640175/2-A

Matrix: Water

Analysis Batch: 640364

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 640175

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	40.5		ug/L		101	80 - 120

Lab Sample ID: 660-105215-1 MS

Matrix: Water

Analysis Batch: 640364

Client Sample ID: 4MW4

Prep Type: Total Recoverable

Prep Batch: 640175

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	37.8		ug/L		94	75 - 125

Lab Sample ID: 660-105215-1 MSD

Matrix: Water

Analysis Batch: 640364

Client Sample ID: 4MW4

Prep Type: Total Recoverable

Prep Batch: 640175

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thallium	0.49	U	40.0	40.5		ug/L		101	75 - 125	7	20

Lab Sample ID: MB 680-640196/1-A

Matrix: Water

Analysis Batch: 640364

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 640196

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/22/20 10:11	10/22/20 19:43	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 680-640196/2-A
Matrix: Water
Analysis Batch: 640364

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 640196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	37.9		ug/L		95	80 - 120

Lab Sample ID: MB 680-641185/1-A
Matrix: Water
Analysis Batch: 641441

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 641185

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/28/20 14:34	10/29/20 13:38	1

Lab Sample ID: LCS 680-641185/2-A
Matrix: Water
Analysis Batch: 641441

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 641185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	42.2		ug/L		105	80 - 120

Lab Sample ID: 660-105168-F-1-B MS
Matrix: Water
Analysis Batch: 641441

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 641185

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	41.8		ug/L		105	75 - 125

Lab Sample ID: 660-105168-F-1-C MSD
Matrix: Water
Analysis Batch: 641441

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 641185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Thallium	0.49	U	40.0	40.2		ug/L		100	75 - 125	4	20

Lab Sample ID: MB 680-641195/1-A
Matrix: Water
Analysis Batch: 641564

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 641195

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		10/28/20 15:11	10/29/20 15:30	1

Lab Sample ID: LCS 680-641195/2-A
Matrix: Water
Analysis Batch: 641564

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 641195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	38.1		ug/L		95	80 - 120

Lab Sample ID: 660-105349-1 MS
Matrix: Water
Analysis Batch: 641564

Client Sample ID: 4MW14D
Prep Type: Total Recoverable
Prep Batch: 641195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	40.1		ug/L		100	75 - 125

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 660-105349-1 MSD

Matrix: Water

Analysis Batch: 641564

Client Sample ID: 4MW14D

Prep Type: Total Recoverable

Prep Batch: 641195

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.49	U	40.0	40.7		ug/L		102	75 - 125	1	20

Lab Sample ID: MB 680-642086/1-A

Matrix: Water

Analysis Batch: 642431

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642086

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/03/20 13:25	11/04/20 14:42	1

Lab Sample ID: LCS 680-642086/2-A

Matrix: Water

Analysis Batch: 642431

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 642086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	38.8		ug/L		97	80 - 120

Lab Sample ID: 660-105523-C-3-B MS

Matrix: Water

Analysis Batch: 642431

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 642086

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	39.4		ug/L		99	75 - 125

Lab Sample ID: 660-105523-C-3-C MSD

Matrix: Water

Analysis Batch: 642431

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 642086

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.49	U	40.0	37.3		ug/L		93	75 - 125	6	20

Lab Sample ID: MB 680-642111/1-A

Matrix: Water

Analysis Batch: 642406

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642111

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/03/20 15:45	11/04/20 15:31	1

Lab Sample ID: LCS 680-642111/2-A

Matrix: Water

Analysis Batch: 642406

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 642111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	36.2		ug/L		90	80 - 120

Lab Sample ID: 660-105480-2 MS

Matrix: Water

Analysis Batch: 642406

Client Sample ID: 2MW24S

Prep Type: Total Recoverable

Prep Batch: 642111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	37.2		ug/L		93	75 - 125

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 660-105480-2 MSD

Matrix: Water

Analysis Batch: 642406

Client Sample ID: 2MW24S

Prep Type: Total Recoverable

Prep Batch: 642111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.49	U	40.0	38.5		ug/L		96	75 - 125	3	20

Lab Sample ID: MB 680-642619/1-A

Matrix: Water

Analysis Batch: 642840

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 642619

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.49	U	1.0	0.49	ug/L		11/05/20 18:08	11/06/20 20:25	1

Lab Sample ID: LCS 680-642619/2-A

Matrix: Water

Analysis Batch: 642840

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 642619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	40.0	38.0		ug/L		95	80 - 120

Lab Sample ID: 660-105561-C-2-B MS

Matrix: Water

Analysis Batch: 642840

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 642619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	39.3		ug/L		98	75 - 125

Lab Sample ID: 660-105561-C-2-C MSD

Matrix: Water

Analysis Batch: 642840

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 642619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.49	U	40.0	41.8		ug/L		105	75 - 125	6	20

Lab Sample ID: 680-190296-A-5-B MS

Matrix: Water

Analysis Batch: 640364

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 640196

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	0.49	U	40.0	44.1		ug/L		110	75 - 125

Lab Sample ID: 680-190296-A-5-C MSD

Matrix: Water

Analysis Batch: 640364

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 640196

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.49	U	40.0	40.0		ug/L		100	75 - 125	10	20

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 660-229514/13-A

Matrix: Water

Analysis Batch: 229523

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 229514

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/13/20 13:13	10/13/20 14:14	1

Lab Sample ID: LCS 660-229514/14-A

Matrix: Water

Analysis Batch: 229523

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 229514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.26		ug/L		90	80 - 120

Lab Sample ID: 660-104959-2 MS

Matrix: Water

Analysis Batch: 229523

Client Sample ID: AD 00493

Prep Type: Total/NA

Prep Batch: 229514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.049	U	1.40	1.25		ug/L		89	80 - 120

Lab Sample ID: 660-104959-2 MSD

Matrix: Water

Analysis Batch: 229523

Client Sample ID: AD 00493

Prep Type: Total/NA

Prep Batch: 229514

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.049	U	1.40	1.26		ug/L		90	80 - 120	1	20

Lab Sample ID: MB 660-229764/13-A

Matrix: Water

Analysis Batch: 229775

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 229764

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/19/20 10:07	10/19/20 14:02	1

Lab Sample ID: LCS 660-229764/14-A

Matrix: Water

Analysis Batch: 229775

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 229764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.36		ug/L		97	80 - 120

Lab Sample ID: 660-105034-1 MS

Matrix: Water

Analysis Batch: 229775

Client Sample ID: 4MW23

Prep Type: Total/NA

Prep Batch: 229764

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.049	U	1.40	1.37		ug/L		98	80 - 120

Lab Sample ID: 660-105034-1 MSD

Matrix: Water

Analysis Batch: 229775

Client Sample ID: 4MW23

Prep Type: Total/NA

Prep Batch: 229764

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.049	U	1.40	1.40		ug/L		100	80 - 120	2	20

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 660-229807/13-A
Matrix: Water
Analysis Batch: 229828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 229807

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/20/20 09:34	10/20/20 14:03	1

Lab Sample ID: LCS 660-229807/14-A
Matrix: Water
Analysis Batch: 229828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 229807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.44		ug/L		103	80 - 120

Lab Sample ID: 660-105142-1 MS
Matrix: Water
Analysis Batch: 229828

Client Sample ID: 4MW-1
Prep Type: Total/NA
Prep Batch: 229807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.049	U	1.40	1.43		ug/L		102	80 - 120

Lab Sample ID: 660-105142-1 MSD
Matrix: Water
Analysis Batch: 229828

Client Sample ID: 4MW-1
Prep Type: Total/NA
Prep Batch: 229807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.049	U	1.40	1.46		ug/L		104	80 - 120	2	20

Lab Sample ID: MB 660-230178/13-A
Matrix: Water
Analysis Batch: 230201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 230178

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/29/20 10:09	10/29/20 13:51	1

Lab Sample ID: LCS 660-230178/14-A
Matrix: Water
Analysis Batch: 230201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 230178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.15		ug/L		82	80 - 120

Lab Sample ID: 660-105323-C-24-B MS
Matrix: Water
Analysis Batch: 230201

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 230178

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.049	U	1.40	1.33		ug/L		95	80 - 120

Lab Sample ID: 660-105323-C-24-C MSD
Matrix: Water
Analysis Batch: 230201

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 230178

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.049	U	1.40	1.41		ug/L		101	80 - 120	6	20

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 660-230235/13-A

Matrix: Water

Analysis Batch: 230251

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 230235

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	U	0.30	0.049	ug/L		10/30/20 09:29	10/30/20 12:52	1

Lab Sample ID: LCS 660-230235/14-A

Matrix: Water

Analysis Batch: 230251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230235

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.34		ug/L		96	80 - 120

Lab Sample ID: 660-105463-D-1-B MS

Matrix: Water

Analysis Batch: 230251

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 230235

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.056	I	1.40	1.40		ug/L		96	80 - 120

Lab Sample ID: 660-105463-D-1-C MSD

Matrix: Water

Analysis Batch: 230251

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 230235

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.056	I	1.40	1.40		ug/L		96	80 - 120	0	20

Lab Sample ID: MB 680-640178/12-A

Matrix: Water

Analysis Batch: 640372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 640178

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		10/22/20 10:00	10/22/20 20:08	1

Lab Sample ID: LCS 680-640178/13-A

Matrix: Water

Analysis Batch: 640372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 640178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.50		ug/L		100	80 - 120

Lab Sample ID: 660-105211-1 MS

Matrix: Water

Analysis Batch: 640372

Client Sample ID: 4MW-27

Prep Type: Total/NA

Prep Batch: 640178

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.080	U	1.00	1.03		ug/L		103	80 - 120

Lab Sample ID: 660-105211-1 MSD

Matrix: Water

Analysis Batch: 640372

Client Sample ID: 4MW-27

Prep Type: Total/NA

Prep Batch: 640178

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.080	U	1.00	1.02		ug/L		102	80 - 120	1	20

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-642683/12-A

Matrix: Water

Analysis Batch: 642991

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 642683

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		11/06/20 11:00	11/07/20 18:54	1

Lab Sample ID: LCS 680-642683/13-A

Matrix: Water

Analysis Batch: 642991

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 642683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.71		ug/L		108	80 - 120

Lab Sample ID: 680-190974-A-1-H MS

Matrix: Water

Analysis Batch: 642991

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 642683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.46	J3	1.00	1.61		ug/L		115	80 - 120

Lab Sample ID: 680-190974-A-1-I MSD

Matrix: Water

Analysis Batch: 642991

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 642683

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.46	J3	1.00	1.27	J3	ug/L		81	80 - 120	23	20

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-639000/52

Matrix: Water

Analysis Batch: 639000

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/14/20 14:47	1

Lab Sample ID: MB 680-639000/88

Matrix: Water

Analysis Batch: 639000

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/14/20 15:30	1

Lab Sample ID: LCS 680-639000/53

Matrix: Water

Analysis Batch: 639000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.926		mg/L		93	90 - 110

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-639000/89

Matrix: Water

Analysis Batch: 639000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.914		mg/L		91	90 - 110

Lab Sample ID: 660-104959-1 MS

Matrix: Water

Analysis Batch: 639000

Client Sample ID: AD 00492

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.929		mg/L		93	90 - 110

Lab Sample ID: 660-104959-1 MSD

Matrix: Water

Analysis Batch: 639000

Client Sample ID: AD 00492

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.925		mg/L		93	90 - 110	0	30

Lab Sample ID: 660-104959-2 MS

Matrix: Water

Analysis Batch: 639000

Client Sample ID: AD 00493

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U J3	1.00	0.864	J3	mg/L		86	90 - 110

Lab Sample ID: 660-104959-2 MSD

Matrix: Water

Analysis Batch: 639000

Client Sample ID: AD 00493

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U J3	1.00	0.889	J3	mg/L		89	90 - 110	3	30

Lab Sample ID: MB 680-639190/11

Matrix: Water

Analysis Batch: 639190

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/15/20 12:35	1

Lab Sample ID: LCS 680-639190/12

Matrix: Water

Analysis Batch: 639190

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.935		mg/L		93	90 - 110

Lab Sample ID: 660-105033-C-3 MS

Matrix: Water

Analysis Batch: 639190

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U J3	1.00	0.889	J3	mg/L		89	90 - 110

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: 660-105033-C-3 MSD

Matrix: Water

Analysis Batch: 639190

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U J3	1.00	0.907		mg/L		91	90 - 110	2	30

Lab Sample ID: MB 680-639414/11

Matrix: Water

Analysis Batch: 639414

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/16/20 12:43	1

Lab Sample ID: LCS 680-639414/12

Matrix: Water

Analysis Batch: 639414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.978		mg/L		98	90 - 110

Lab Sample ID: 680-189787-B-1 MS

Matrix: Water

Analysis Batch: 639414

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	1.02		mg/L		102	90 - 110

Lab Sample ID: 680-189787-B-1 MSD

Matrix: Water

Analysis Batch: 639414

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.997		mg/L		100	90 - 110	2	30

Lab Sample ID: 680-189787-C-2 MS

Matrix: Water

Analysis Batch: 639414

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.995		mg/L		100	90 - 110

Lab Sample ID: 680-189787-C-2 MSD

Matrix: Water

Analysis Batch: 639414

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.992		mg/L		99	90 - 110	0	30

Lab Sample ID: MB 680-639415/3

Matrix: Water

Analysis Batch: 639415

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/16/20 13:07	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: LCS 680-639415/4

Matrix: Water

Analysis Batch: 639415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.981		mg/L		98	90 - 110

Lab Sample ID: 680-190051-G-3 MS

Matrix: Water

Analysis Batch: 639415

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.997		mg/L		100	90 - 110

Lab Sample ID: 680-190051-G-3 MSD

Matrix: Water

Analysis Batch: 639415

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	1.01		mg/L		101	90 - 110	2	30

Lab Sample ID: MB 680-639748/11

Matrix: Water

Analysis Batch: 639748

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/19/20 12:59	1

Lab Sample ID: LCS 680-639748/12

Matrix: Water

Analysis Batch: 639748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.947		mg/L		95	90 - 110

Lab Sample ID: 680-190121-B-1 MS

Matrix: Water

Analysis Batch: 639748

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.919		mg/L		92	90 - 110

Lab Sample ID: 680-190121-B-1 MSD

Matrix: Water

Analysis Batch: 639748

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.909		mg/L		91	90 - 110	1	30

Lab Sample ID: 680-190121-B-6 MS

Matrix: Water

Analysis Batch: 639748

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.901		mg/L		90	90 - 110

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: 680-190121-B-6 MSD

Matrix: Water

Analysis Batch: 639748

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.899		mg/L		90	90 - 110	0	30

Lab Sample ID: MB 680-639749/3

Matrix: Water

Analysis Batch: 639749

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/19/20 14:46	1

Lab Sample ID: LCS 680-639749/4

Matrix: Water

Analysis Batch: 639749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.967		mg/L		97	90 - 110

Lab Sample ID: 660-105143-2 MS

Matrix: Water

Analysis Batch: 639749

Client Sample ID: 2MW27D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.950		mg/L		95	90 - 110

Lab Sample ID: 660-105143-2 MSD

Matrix: Water

Analysis Batch: 639749

Client Sample ID: 2MW27D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.946		mg/L		95	90 - 110	1	30

Lab Sample ID: MB 680-640508/57

Matrix: Water

Analysis Batch: 640508

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 11:53	1

Lab Sample ID: LCS 680-640508/58

Matrix: Water

Analysis Batch: 640508

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.905		mg/L		90	90 - 110

Lab Sample ID: 660-105211-1 MS

Matrix: Water

Analysis Batch: 640508

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.917		mg/L		92	90 - 110

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: 660-105211-1 MSD

Matrix: Water

Analysis Batch: 640508

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.899		mg/L		90	90 - 110	2	30

Lab Sample ID: 680-190367-G-4 MS

Matrix: Water

Analysis Batch: 640508

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia	0.10	U J3	1.00	0.896		mg/L		90	90 - 110		

Lab Sample ID: 680-190367-G-4 MSD

Matrix: Water

Analysis Batch: 640508

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U J3	1.00	0.874	J3	mg/L		87	90 - 110	2	30

Lab Sample ID: MB 680-640509/3

Matrix: Water

Analysis Batch: 640509

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/23/20 13:11	1

Lab Sample ID: LCS 680-640509/4

Matrix: Water

Analysis Batch: 640509

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia	1.00	0.923		mg/L		92	90 - 110		

Lab Sample ID: 680-190382-D-1 MS

Matrix: Water

Analysis Batch: 640509

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia	0.10	U	1.00	0.938		mg/L		94	90 - 110		

Lab Sample ID: 680-190382-D-1 MSD

Matrix: Water

Analysis Batch: 640509

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.924		mg/L		92	90 - 110	1	30

Lab Sample ID: MB 680-641482/11

Matrix: Water

Analysis Batch: 641482

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/29/20 12:19	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: LCS 680-641482/12

Matrix: Water

Analysis Batch: 641482

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.946		mg/L		95	90 - 110

Lab Sample ID: 680-190542-C-1 MS

Matrix: Water

Analysis Batch: 641482

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.945		mg/L		95	90 - 110

Lab Sample ID: 680-190542-C-1 MSD

Matrix: Water

Analysis Batch: 641482

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.931		mg/L		93	90 - 110	1	30

Lab Sample ID: MB 680-641483/3

Matrix: Water

Analysis Batch: 641483

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			10/29/20 12:53	1

Lab Sample ID: LCS 680-641483/4

Matrix: Water

Analysis Batch: 641483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.913		mg/L		91	90 - 110

Lab Sample ID: 660-105349-1 MS

Matrix: Water

Analysis Batch: 641483

Client Sample ID: 4MW14D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	0.982		mg/L		98	90 - 110

Lab Sample ID: 660-105349-1 MSD

Matrix: Water

Analysis Batch: 641483

Client Sample ID: 4MW14D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.975		mg/L		97	90 - 110	1	30

Lab Sample ID: MB 680-642035/11

Matrix: Water

Analysis Batch: 642035

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			11/02/20 14:30	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: LCS 680-642035/12

Matrix: Water

Analysis Batch: 642035

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	1.01		mg/L		101	90 - 110

Lab Sample ID: 680-190619-G-2 MS

Matrix: Water

Analysis Batch: 642035

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	1.01		mg/L		101	90 - 110

Lab Sample ID: 680-190619-G-2 MSD

Matrix: Water

Analysis Batch: 642035

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	0.994		mg/L		99	90 - 110	2	30

Lab Sample ID: MB 680-642036/3

Matrix: Water

Analysis Batch: 642036

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			11/02/20 14:58	1

Lab Sample ID: LCS 680-642036/4

Matrix: Water

Analysis Batch: 642036

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.925		mg/L		92	90 - 110

Lab Sample ID: 660-105447-D-1 MS

Matrix: Water

Analysis Batch: 642036

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.10	U	1.00	1.00		mg/L		100	90 - 110

Lab Sample ID: 660-105447-D-1 MSD

Matrix: Water

Analysis Batch: 642036

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.10	U	1.00	1.04		mg/L		104	90 - 110	3	30

Lab Sample ID: MB 680-642539/11

Matrix: Water

Analysis Batch: 642539

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.10	U	0.25	0.10	mg/L			11/05/20 11:33	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: LCS 680-642539/12

Matrix: Water

Analysis Batch: 642539

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	0.977		mg/L		98	90 - 110

Lab Sample ID: 680-190991-C-2 MS

Matrix: Water

Analysis Batch: 642539

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.30	J3	1.00	1.18	J3	mg/L		87	90 - 110

Lab Sample ID: 680-190991-C-2 MSD

Matrix: Water

Analysis Batch: 642539

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.30	J3	1.00	1.17	J3	mg/L		87	90 - 110	0	30

Lab Sample ID: 680-191040-B-1 MS

Matrix: Water

Analysis Batch: 642539

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	15	J3	1.00	16.3	J3	mg/L		151	90 - 110

Lab Sample ID: 680-191040-B-1 MSD

Matrix: Water

Analysis Batch: 642539

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	15	J3	1.00	16.2	J3	mg/L		142	90 - 110	1	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 660-229997/7

Matrix: Water

Analysis Batch: 229997

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/22/20 13:49	1

Lab Sample ID: DLCK 660-229997/8

Matrix: Water

Analysis Batch: 229997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	DLCK Result	DLCK Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0300	0.0282		mg/L		94	50 - 150

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 660-229997/9

Matrix: Water

Analysis Batch: 229997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.300	0.330		mg/L		110	90 - 110

Lab Sample ID: 660-105277-A-15 MS

Matrix: Water

Analysis Batch: 229997

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0050	U J3	0.00900	0.0050	U J3	mg/L		0	90 - 110

Lab Sample ID: 660-105277-A-15 MSD

Matrix: Water

Analysis Batch: 229997

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Nitrate Nitrite as N	0.0050	U J3	0.00900	0.0050	U J3	mg/L		0	90 - 110	NC	30

Lab Sample ID: MB 660-229998/27

Matrix: Water

Analysis Batch: 229998

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/22/20 16:17	1

Lab Sample ID: DLCK 660-229998/8

Matrix: Water

Analysis Batch: 229998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	DLCK Result	DLCK Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0750	0.150		mg/L		199	50 - 150

Lab Sample ID: LCS 660-229998/9

Matrix: Water

Analysis Batch: 229998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.300	0.292		mg/L		97	90 - 110

Lab Sample ID: 660-105143-1 MS

Matrix: Water

Analysis Batch: 229998

Client Sample ID: 4MW2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0050	U J3	0.300	0.345	J3	mg/L		115	90 - 110

Lab Sample ID: 660-105143-1 MSD

Matrix: Water

Analysis Batch: 229998

Client Sample ID: 4MW2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Nitrate Nitrite as N	0.0050	U J3	0.300	0.332	J3	mg/L		111	90 - 110	4	30

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 660-230193/45

Matrix: Water

Analysis Batch: 230193

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.027	U	0.027	0.027	mg/L			10/27/20 15:16	1

Lab Sample ID: DLCK 660-230193/22

Matrix: Water

Analysis Batch: 230193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	DLCK Result	DLCK Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0600	0.0595		mg/L		99	50 - 150

Lab Sample ID: LCS 660-230193/46

Matrix: Water

Analysis Batch: 230193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.600	0.553		mg/L		92	90 - 110

Lab Sample ID: 660-105334-F-5 MS

Matrix: Water

Analysis Batch: 230193

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.046	J3	0.600	0.473	J3	mg/L		71	90 - 110

Lab Sample ID: 660-105334-F-5 MSD

Matrix: Water

Analysis Batch: 230193

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.046	J3	0.600	0.466	J3	mg/L		70	90 - 110	1	30

Lab Sample ID: MB 660-230317/9

Matrix: Water

Analysis Batch: 230317

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			10/30/20 15:30	1

Lab Sample ID: DLCK 660-230317/10

Matrix: Water

Analysis Batch: 230317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	DLCK Result	DLCK Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0600	0.0542		mg/L		90	50 - 150

Lab Sample ID: LCS 660-230317/11

Matrix: Water

Analysis Batch: 230317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.600	0.636		mg/L		106	90 - 110

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 660-230618/7

Matrix: Water

Analysis Batch: 230618

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.0050	U	0.015	0.0050	mg/L			11/10/20 14:30	1

Lab Sample ID: DLCK 660-230618/8

Matrix: Water

Analysis Batch: 230618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	DLCK Result	DLCK Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0300	0.0261		mg/L		87	50 - 150

Lab Sample ID: LCS 660-230618/9

Matrix: Water

Analysis Batch: 230618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.300	0.272		mg/L		91	90 - 110

Lab Sample ID: 660-105566-1 MS

Matrix: Water

Analysis Batch: 230618

Client Sample ID: 4MW27D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.0050	U	0.300	0.330		mg/L		110	90 - 110

Lab Sample ID: 660-105566-1 MSD

Matrix: Water

Analysis Batch: 230618

Client Sample ID: 4MW27D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.0050	U	0.300	0.331		mg/L		110	90 - 110	0	30

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-229371/1

Matrix: Water

Analysis Batch: 229371

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/09/20 08:33	1

Lab Sample ID: LCS 660-229371/2

Matrix: Water

Analysis Batch: 229371

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9880		mg/L		99	80 - 120

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 660-104939-A-2 DU

Matrix: Water

Analysis Batch: 229371

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	1200		1190		mg/L		0.2	5.0

Lab Sample ID: MB 660-229552/1

Matrix: Water

Analysis Batch: 229552

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/14/20 08:23	1

Lab Sample ID: LCS 660-229552/2

Matrix: Water

Analysis Batch: 229552

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9820		mg/L		98	80 - 120

Lab Sample ID: 660-105034-1 DU

Matrix: Water

Analysis Batch: 229552

Client Sample ID: 4MW23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	290		268	J3	mg/L		9	5.0

Lab Sample ID: MB 660-229685/1

Matrix: Water

Analysis Batch: 229685

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/16/20 09:16	1

Lab Sample ID: LCS 660-229685/2

Matrix: Water

Analysis Batch: 229685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9770		mg/L		98	80 - 120

Lab Sample ID: 660-105097-A-2 DU

Matrix: Water

Analysis Batch: 229685

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	1100		1060		mg/L		0.6	5.0

Lab Sample ID: MB 660-229860/1

Matrix: Water

Analysis Batch: 229860

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/21/20 08:14	1

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 660-229860/2

Matrix: Water

Analysis Batch: 229860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9980		mg/L		100	80 - 120

Lab Sample ID: 660-105211-1 DU

Matrix: Water

Analysis Batch: 229860

Client Sample ID: 4MW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310		302		mg/L		4	5.0

Lab Sample ID: 660-105214-1 DU

Matrix: Water

Analysis Batch: 229860

Client Sample ID: 2MW19D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		230		mg/L		4	5.0

Lab Sample ID: MB 660-230135/1

Matrix: Water

Analysis Batch: 230135

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/28/20 08:33	1

Lab Sample ID: LCS 660-230135/2

Matrix: Water

Analysis Batch: 230135

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9770		mg/L		98	80 - 120

Lab Sample ID: 660-105349-2 DU

Matrix: Water

Analysis Batch: 230135

Client Sample ID: 4MW12D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	180		180		mg/L		1	5.0

Lab Sample ID: MB 660-230230/1

Matrix: Water

Analysis Batch: 230230

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/30/20 07:57	1

Lab Sample ID: LCS 660-230230/2

Matrix: Water

Analysis Batch: 230230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9830		mg/L		98	80 - 120

Eurofins TestAmerica, Tampa

QC Sample Results

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 660-105447-A-6 DU

Matrix: Water

Analysis Batch: 230230

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	780		758		mg/L		3	5.0

Lab Sample ID: MB 660-230397/1

Matrix: Water

Analysis Batch: 230397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			11/04/20 08:25	1

Lab Sample ID: LCS 660-230397/2

Matrix: Water

Analysis Batch: 230397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	10000	9830		mg/L		98	80 - 120

Lab Sample ID: 660-105547-B-1 DU

Matrix: Water

Analysis Batch: 230397

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310		308		mg/L		0	5.0

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

GC/MS VOA

Analysis Batch: 229369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	8260B	
660-104959-2	AD 00493	Total/NA	Water	8260B	
MB 660-229369/6	Method Blank	Total/NA	Water	8260B	
LCS 660-229369/4	Lab Control Sample	Total/NA	Water	8260B	
660-104815-C-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-104815-C-1 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 229800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total/NA	Water	8260B	
660-105034-2	4MW21	Total/NA	Water	8260B	
660-105034-3	4MW8	Total/NA	Water	8260B	
660-105043-1	4MW-7	Total/NA	Water	8260B	
660-105045-1	4MW-5	Total/NA	Water	8260B	
MB 660-229800/7	Method Blank	Total/NA	Water	8260B	
LCS 660-229800/5	Lab Control Sample	Total/NA	Water	8260B	
660-105045-1 MS	4MW-5	Total/NA	Water	8260B	
660-105002-C-1 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 230031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total/NA	Water	8260B	
660-105142-2	2MW26D	Total/NA	Water	8260B	
660-105143-1	4MW2	Total/NA	Water	8260B	
660-105143-2	2MW27D	Total/NA	Water	8260B	
MB 660-230031/6	Method Blank	Total/NA	Water	8260B	
LCS 660-230031/4	Lab Control Sample	Total/NA	Water	8260B	
660-105142-2 MS	2MW26D	Total/NA	Water	8260B	
660-105142-1 DU	4MW-1	Total/NA	Water	8260B	

Analysis Batch: 230049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total/NA	Water	8260B	
660-105211-2	2MW15DA	Total/NA	Water	8260B	
660-105214-1	2MW19D	Total/NA	Water	8260B	
660-105214-2	2MW18D	Total/NA	Water	8260B	
660-105215-1	4MW4	Total/NA	Water	8260B	
660-105215-2	4MW11D	Total/NA	Water	8260B	
MB 660-230049/6	Method Blank	Total/NA	Water	8260B	
LCS 660-230049/4	Lab Control Sample	Total/NA	Water	8260B	
660-105211-2 MS	2MW15DA	Total/NA	Water	8260B	
660-105211-1 DU	4MW-27	Total/NA	Water	8260B	

Analysis Batch: 230128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	8260B	
660-105349-1	4MW14D	Total/NA	Water	8260B	
660-105349-2	4MW12D	Total/NA	Water	8260B	
MB 660-230128/6	Method Blank	Total/NA	Water	8260B	
LCS 660-230128/4	Lab Control Sample	Total/NA	Water	8260B	
660-105346-A-3 MS	Matrix Spike	Total/NA	Water	8260B	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

GC/MS VOA (Continued)

Analysis Batch: 230128 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105346-C-2 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 230308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	8260B	
660-105480-2	2MW24S	Total/NA	Water	8260B	
MB 660-230308/9	Method Blank	Total/NA	Water	8260B	
LCS 660-230308/7	Lab Control Sample	Total/NA	Water	8260B	
660-105480-2 MS	2MW24S	Total/NA	Water	8260B	
660-105480-1 DU	4MW3A	Total/NA	Water	8260B	

Analysis Batch: 230536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	8260B	
660-105567-1	2MW-24D	Total/NA	Water	8260B	
MB 660-230536/6	Method Blank	Total/NA	Water	8260B	
LCS 660-230536/4	Lab Control Sample	Total/NA	Water	8260B	
660-105603-A-19 MS	Matrix Spike	Total/NA	Water	8260B	
660-105603-A-19 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 638802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	300.0-1993 R2.1	
660-104959-2	AD 00493	Total/NA	Water	300.0-1993 R2.1	
MB 680-638802/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-638802/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-638802/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-189648-F-4 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-189648-F-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 639219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total/NA	Water	300.0-1993 R2.1	
660-105034-2	4MW21	Total/NA	Water	300.0-1993 R2.1	
660-105034-3	4MW8	Total/NA	Water	300.0-1993 R2.1	
MB 680-639219/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-639219/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-639219/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
630-8159-A-6 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
630-8159-A-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 639220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105043-1	4MW-7	Total/NA	Water	300.0-1993 R2.1	
660-105045-1	4MW-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-639220/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-639220/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-639220/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105045-1 MS	4MW-5	Total/NA	Water	300.0-1993 R2.1	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

HPLC/IC (Continued)

Analysis Batch: 639220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105045-1 MSD	4MW-5	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 639620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total/NA	Water	300.0-1993 R2.1	
660-105142-2	2MW26D	Total/NA	Water	300.0-1993 R2.1	
660-105143-1	4MW2	Total/NA	Water	300.0-1993 R2.1	
660-105143-2	2MW27D	Total/NA	Water	300.0-1993 R2.1	
MB 680-639620/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-639620/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-639620/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105142-2 MS	2MW26D	Total/NA	Water	300.0-1993 R2.1	
660-105142-2 MSD	2MW26D	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 640037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total/NA	Water	300.0-1993 R2.1	
660-105211-2	2MW15DA	Total/NA	Water	300.0-1993 R2.1	
MB 680-640037/20	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-640037/21	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-640037/22	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105211-1 MS	4MW-27	Total/NA	Water	300.0-1993 R2.1	
660-105211-1 MSD	4MW-27	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 640367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105215-1	4MW4	Total/NA	Water	300.0-1993 R2.1	
660-105215-2	4MW11D	Total/NA	Water	300.0-1993 R2.1	
MB 680-640367/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-640367/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-640367/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-190136-E-5 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-190136-E-5 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 640459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105214-1	2MW19D	Total/NA	Water	300.0-1993 R2.1	
660-105214-2	2MW18D	Total/NA	Water	300.0-1993 R2.1	
MB 680-640459/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-640459/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-640459/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105231-F-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
660-105231-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 640539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-640539/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-640539/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-640539/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105211-2 MS	2MW15DA	Total/NA	Water	300.0-1993 R2.1	
660-105211-2 MSD	2MW15DA	Total/NA	Water	300.0-1993 R2.1	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

HPLC/IC

Analysis Batch: 641422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	300.0-1993 R2.1	
660-105349-1	4MW14D	Total/NA	Water	300.0-1993 R2.1	
660-105349-2	4MW12D	Total/NA	Water	300.0-1993 R2.1	
MB 680-641422/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-641422/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-641422/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105348-1 MS	4MW6	Total/NA	Water	300.0-1993 R2.1	
660-105348-1 MSD	4MW6	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 641907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	300.0-1993 R2.1	
660-105480-2	2MW24S	Total/NA	Water	300.0-1993 R2.1	
MB 680-641907/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-641907/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-641907/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105471-E-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
660-105471-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 642487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	300.0-1993 R2.1	
660-105567-1	2MW-24D	Total/NA	Water	300.0-1993 R2.1	
MB 680-642487/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-642487/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-642487/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
660-105566-1 MS	4MW27D	Total/NA	Water	300.0-1993 R2.1	
660-105566-1 MSD	4MW27D	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 229475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total Recoverable	Water	3005A	
660-104959-2	AD 00493	Total Recoverable	Water	3005A	
MB 660-229475/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 660-229475/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-104959-1 MS	AD 00492	Total Recoverable	Water	3005A	
660-104959-1 MSD	AD 00492	Total Recoverable	Water	3005A	

Prep Batch: 229514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	7470A	
660-104959-2	AD 00493	Total/NA	Water	7470A	
MB 660-229514/13-A	Method Blank	Total/NA	Water	7470A	
LCS 660-229514/14-A	Lab Control Sample	Total/NA	Water	7470A	
660-104959-2 MS	AD 00493	Total/NA	Water	7470A	
660-104959-2 MSD	AD 00493	Total/NA	Water	7470A	

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals

Analysis Batch: 229523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	7470A	229514
660-104959-2	AD 00493	Total/NA	Water	7470A	229514
MB 660-229514/13-A	Method Blank	Total/NA	Water	7470A	229514
LCS 660-229514/14-A	Lab Control Sample	Total/NA	Water	7470A	229514
660-104959-2 MS	AD 00493	Total/NA	Water	7470A	229514
660-104959-2 MSD	AD 00493	Total/NA	Water	7470A	229514

Prep Batch: 229553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total Recoverable	Water	3005A	
660-105034-2	4MW21	Total Recoverable	Water	3005A	
660-105034-3	4MW8	Total Recoverable	Water	3005A	
660-105043-1	4MW-7	Total Recoverable	Water	3005A	
660-105045-1	4MW-5	Total Recoverable	Water	3005A	
MB 660-229553/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 660-229553/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 229568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total Recoverable	Water	6010D	229475
660-104959-2	AD 00493	Total Recoverable	Water	6010D	229475
MB 660-229475/1-A	Method Blank	Total Recoverable	Water	6010D	229475
LCS 660-229475/2-A	Lab Control Sample	Total Recoverable	Water	6010D	229475
660-104959-1 MS	AD 00492	Total Recoverable	Water	6010D	229475
660-104959-1 MSD	AD 00492	Total Recoverable	Water	6010D	229475

Analysis Batch: 229640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total Recoverable	Water	6010D	229553
660-105034-2	4MW21	Total Recoverable	Water	6010D	229553
660-105034-3	4MW8	Total Recoverable	Water	6010D	229553
660-105043-1	4MW-7	Total Recoverable	Water	6010D	229553
660-105045-1	4MW-5	Total Recoverable	Water	6010D	229553
MB 660-229553/1-A	Method Blank	Total Recoverable	Water	6010D	229553
LCS 660-229553/2-A	Lab Control Sample	Total Recoverable	Water	6010D	229553

Prep Batch: 229764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total/NA	Water	7470A	
660-105034-2	4MW21	Total/NA	Water	7470A	
660-105034-3	4MW8	Total/NA	Water	7470A	
660-105043-1	4MW-7	Total/NA	Water	7470A	
660-105045-1	4MW-5	Total/NA	Water	7470A	
MB 660-229764/13-A	Method Blank	Total/NA	Water	7470A	
LCS 660-229764/14-A	Lab Control Sample	Total/NA	Water	7470A	
660-105034-1 MS	4MW23	Total/NA	Water	7470A	
660-105034-1 MSD	4MW23	Total/NA	Water	7470A	

Analysis Batch: 229775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total/NA	Water	7470A	229764

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals (Continued)

Analysis Batch: 229775 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-2	4MW21	Total/NA	Water	7470A	229764
660-105034-3	4MW8	Total/NA	Water	7470A	229764
660-105043-1	4MW-7	Total/NA	Water	7470A	229764
660-105045-1	4MW-5	Total/NA	Water	7470A	229764
MB 660-229764/13-A	Method Blank	Total/NA	Water	7470A	229764
LCS 660-229764/14-A	Lab Control Sample	Total/NA	Water	7470A	229764
660-105034-1 MS	4MW23	Total/NA	Water	7470A	229764
660-105034-1 MSD	4MW23	Total/NA	Water	7470A	229764

Prep Batch: 229807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total/NA	Water	7470A	
660-105142-2	2MW26D	Total/NA	Water	7470A	
660-105143-1	4MW2	Total/NA	Water	7470A	
660-105143-2	2MW27D	Total/NA	Water	7470A	
MB 660-229807/13-A	Method Blank	Total/NA	Water	7470A	
LCS 660-229807/14-A	Lab Control Sample	Total/NA	Water	7470A	
660-105142-1 MS	4MW-1	Total/NA	Water	7470A	
660-105142-1 MSD	4MW-1	Total/NA	Water	7470A	

Analysis Batch: 229828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total/NA	Water	7470A	229807
660-105142-2	2MW26D	Total/NA	Water	7470A	229807
660-105143-1	4MW2	Total/NA	Water	7470A	229807
660-105143-2	2MW27D	Total/NA	Water	7470A	229807
MB 660-229807/13-A	Method Blank	Total/NA	Water	7470A	229807
LCS 660-229807/14-A	Lab Control Sample	Total/NA	Water	7470A	229807
660-105142-1 MS	4MW-1	Total/NA	Water	7470A	229807
660-105142-1 MSD	4MW-1	Total/NA	Water	7470A	229807

Prep Batch: 230178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	7470A	
660-105349-1	4MW14D	Total/NA	Water	7470A	
660-105349-2	4MW12D	Total/NA	Water	7470A	
MB 660-230178/13-A	Method Blank	Total/NA	Water	7470A	
LCS 660-230178/14-A	Lab Control Sample	Total/NA	Water	7470A	
660-105323-C-24-B MS	Matrix Spike	Total/NA	Water	7470A	
660-105323-C-24-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 230201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	7470A	230178
660-105349-1	4MW14D	Total/NA	Water	7470A	230178
660-105349-2	4MW12D	Total/NA	Water	7470A	230178
MB 660-230178/13-A	Method Blank	Total/NA	Water	7470A	230178
LCS 660-230178/14-A	Lab Control Sample	Total/NA	Water	7470A	230178
660-105323-C-24-B MS	Matrix Spike	Total/NA	Water	7470A	230178
660-105323-C-24-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	230178

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals

Prep Batch: 230235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	7470A	
660-105480-2	2MW24S	Total/NA	Water	7470A	
MB 660-230235/13-A	Method Blank	Total/NA	Water	7470A	
LCS 660-230235/14-A	Lab Control Sample	Total/NA	Water	7470A	
660-105463-D-1-B MS	Matrix Spike	Total/NA	Water	7470A	
660-105463-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 230251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	7470A	230235
660-105480-2	2MW24S	Total/NA	Water	7470A	230235
MB 660-230235/13-A	Method Blank	Total/NA	Water	7470A	230235
LCS 660-230235/14-A	Lab Control Sample	Total/NA	Water	7470A	230235
660-105463-D-1-B MS	Matrix Spike	Total/NA	Water	7470A	230235
660-105463-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	230235

Prep Batch: 638233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total Recoverable	Water	3005A	
660-104959-2	AD 00493	Total Recoverable	Water	3005A	
MB 680-638233/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-638233/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-104948-D-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
660-104948-D-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 638617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total Recoverable	Water	6020A	638233
660-104959-2	AD 00493	Total Recoverable	Water	6020A	638233
MB 680-638233/1-A	Method Blank	Total Recoverable	Water	6020A	638233
LCS 680-638233/2-A	Lab Control Sample	Total Recoverable	Water	6020A	638233
660-104948-D-5-B MS	Matrix Spike	Total Recoverable	Water	6020A	638233
660-104948-D-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	638233

Prep Batch: 639121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total Recoverable	Water	3005A	
660-105034-2	4MW21	Total Recoverable	Water	3005A	
660-105034-3	4MW8	Total Recoverable	Water	3005A	
660-105043-1	4MW-7	Total Recoverable	Water	3005A	
660-105045-1	4MW-5	Total Recoverable	Water	3005A	
MB 680-639121/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-639121/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105034-1 MS	4MW23	Total Recoverable	Water	3005A	
660-105034-1 MSD	4MW23	Total Recoverable	Water	3005A	

Analysis Batch: 639439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total Recoverable	Water	6020A	639121
660-105034-2	4MW21	Total Recoverable	Water	6020A	639121
660-105034-3	4MW8	Total Recoverable	Water	6020A	639121

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals (Continued)

Analysis Batch: 639439 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105043-1	4MW-7	Total Recoverable	Water	6020A	639121
660-105045-1	4MW-5	Total Recoverable	Water	6020A	639121
MB 680-639121/1-A	Method Blank	Total Recoverable	Water	6020A	639121
LCS 680-639121/2-A	Lab Control Sample	Total Recoverable	Water	6020A	639121
660-105034-1 MS	4MW23	Total Recoverable	Water	6020A	639121
660-105034-1 MSD	4MW23	Total Recoverable	Water	6020A	639121

Prep Batch: 639659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total Recoverable	Water	3005A	
660-105142-2	2MW26D	Total Recoverable	Water	3005A	
660-105143-1	4MW2	Total Recoverable	Water	3005A	
660-105143-2	2MW27D	Total Recoverable	Water	3005A	
MB 680-639659/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-639659/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-190222-G-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-190222-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 639660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total Recoverable	Water	3005A	
660-105142-2	2MW26D	Total Recoverable	Water	3005A	
660-105143-1	4MW2	Total Recoverable	Water	3005A	
660-105143-2	2MW27D	Total Recoverable	Water	3005A	
MB 680-639660/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-639660/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-190222-G-1-E MS	Matrix Spike	Total Recoverable	Water	3005A	
680-190222-G-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 639949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total Recoverable	Water	6020A	639659
660-105142-2	2MW26D	Total Recoverable	Water	6020A	639659
660-105143-1	4MW2	Total Recoverable	Water	6020A	639659
660-105143-2	2MW27D	Total Recoverable	Water	6020A	639659
MB 680-639659/1-A	Method Blank	Total Recoverable	Water	6020A	639659
LCS 680-639659/2-A	Lab Control Sample	Total Recoverable	Water	6020A	639659
680-190222-G-1-B MS	Matrix Spike	Total Recoverable	Water	6020A	639659
680-190222-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	639659

Prep Batch: 640175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105214-2	2MW18D	Total Recoverable	Water	3005A	
660-105215-1	4MW4	Total Recoverable	Water	3005A	
MB 680-640175/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-640175/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105215-1 MS	4MW4	Total Recoverable	Water	3005A	
660-105215-1 MSD	4MW4	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals

Prep Batch: 640177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105214-2	2MW18D	Total Recoverable	Water	3005A	
660-105215-1	4MW4	Total Recoverable	Water	3005A	
MB 680-640177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-640177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105215-1 MS	4MW4	Total Recoverable	Water	3005A	
660-105215-1 MSD	4MW4	Total Recoverable	Water	3005A	

Prep Batch: 640178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total/NA	Water	7470A	
660-105211-2	2MW15DA	Total/NA	Water	7470A	
660-105214-1	2MW19D	Total/NA	Water	7470A	
660-105214-2	2MW18D	Total/NA	Water	7470A	
660-105215-1	4MW4	Total/NA	Water	7470A	
660-105215-2	4MW11D	Total/NA	Water	7470A	
MB 680-640178/12-A	Method Blank	Total/NA	Water	7470A	
LCS 680-640178/13-A	Lab Control Sample	Total/NA	Water	7470A	
660-105211-1 MS	4MW-27	Total/NA	Water	7470A	
660-105211-1 MSD	4MW-27	Total/NA	Water	7470A	

Prep Batch: 640196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total Recoverable	Water	3005A	
660-105211-2	2MW15DA	Total Recoverable	Water	3005A	
660-105214-1	2MW19D	Total Recoverable	Water	3005A	
660-105215-2	4MW11D	Total Recoverable	Water	3005A	
MB 680-640196/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-640196/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-190296-A-5-B MS	Matrix Spike	Dissolved	Water	3005A	
680-190296-A-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 640204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total Recoverable	Water	3005A	
660-105211-2	2MW15DA	Total Recoverable	Water	3005A	
660-105214-1	2MW19D	Total Recoverable	Water	3005A	
660-105215-2	4MW11D	Total Recoverable	Water	3005A	
MB 680-640204/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-640204/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-190296-A-5-E MS	Matrix Spike	Dissolved	Water	3005A	
680-190296-A-5-F MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Analysis Batch: 640298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total Recoverable	Water	6010D	639660
660-105142-2	2MW26D	Total Recoverable	Water	6010D	639660
660-105143-1	4MW2	Total Recoverable	Water	6010D	639660
660-105143-2	2MW27D	Total Recoverable	Water	6010D	639660
MB 680-639660/1-A	Method Blank	Total Recoverable	Water	6010D	639660
LCS 680-639660/2-A	Lab Control Sample	Total Recoverable	Water	6010D	639660
680-190222-G-1-E MS	Matrix Spike	Total Recoverable	Water	6010D	639660

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals (Continued)

Analysis Batch: 640298 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-190222-G-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010D	639660

Analysis Batch: 640364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total Recoverable	Water	6020A	640196
660-105211-2	2MW15DA	Total Recoverable	Water	6020A	640196
660-105214-1	2MW19D	Total Recoverable	Water	6020A	640196
660-105214-2	2MW18D	Total Recoverable	Water	6020A	640175
660-105215-1	4MW4	Total Recoverable	Water	6020A	640175
660-105215-2	4MW11D	Total Recoverable	Water	6020A	640196
MB 680-640175/1-A	Method Blank	Total Recoverable	Water	6020A	640175
MB 680-640196/1-A	Method Blank	Total Recoverable	Water	6020A	640196
LCS 680-640175/2-A	Lab Control Sample	Total Recoverable	Water	6020A	640175
LCS 680-640196/2-A	Lab Control Sample	Total Recoverable	Water	6020A	640196
660-105215-1 MS	4MW4	Total Recoverable	Water	6020A	640175
660-105215-1 MSD	4MW4	Total Recoverable	Water	6020A	640175
680-190296-A-5-B MS	Matrix Spike	Dissolved	Water	6020A	640196
680-190296-A-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020A	640196

Analysis Batch: 640372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total/NA	Water	7470A	640178
660-105211-2	2MW15DA	Total/NA	Water	7470A	640178
660-105214-1	2MW19D	Total/NA	Water	7470A	640178
660-105214-2	2MW18D	Total/NA	Water	7470A	640178
660-105215-1	4MW4	Total/NA	Water	7470A	640178
660-105215-2	4MW11D	Total/NA	Water	7470A	640178
MB 680-640178/12-A	Method Blank	Total/NA	Water	7470A	640178
LCS 680-640178/13-A	Lab Control Sample	Total/NA	Water	7470A	640178
660-105211-1 MS	4MW-27	Total/NA	Water	7470A	640178
660-105211-1 MSD	4MW-27	Total/NA	Water	7470A	640178

Analysis Batch: 640641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105214-2	2MW18D	Total Recoverable	Water	6010D	640177
660-105215-1	4MW4	Total Recoverable	Water	6010D	640177
MB 680-640177/1-A	Method Blank	Total Recoverable	Water	6010D	640177
LCS 680-640177/2-A	Lab Control Sample	Total Recoverable	Water	6010D	640177
660-105215-1 MS	4MW4	Total Recoverable	Water	6010D	640177
660-105215-1 MSD	4MW4	Total Recoverable	Water	6010D	640177

Analysis Batch: 640642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total Recoverable	Water	6010D	640204
660-105211-2	2MW15DA	Total Recoverable	Water	6010D	640204
660-105214-1	2MW19D	Total Recoverable	Water	6010D	640204
660-105215-2	4MW11D	Total Recoverable	Water	6010D	640204
MB 680-640204/1-A	Method Blank	Total Recoverable	Water	6010D	640204
LCS 680-640204/2-A	Lab Control Sample	Total Recoverable	Water	6010D	640204
680-190296-A-5-E MS	Matrix Spike	Dissolved	Water	6010D	640204
680-190296-A-5-F MSD	Matrix Spike Duplicate	Dissolved	Water	6010D	640204

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals

Prep Batch: 641185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total Recoverable	Water	3005A	
MB 680-641185/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-641185/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105168-F-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
660-105168-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 641188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total Recoverable	Water	3005A	
MB 680-641188/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-641188/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105168-F-1-E MS	Matrix Spike	Total Recoverable	Water	3005A	
660-105168-F-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 641195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105349-1	4MW14D	Total Recoverable	Water	3005A	
660-105349-2	4MW12D	Total Recoverable	Water	3005A	
MB 680-641195/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-641195/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105349-1 MS	4MW14D	Total Recoverable	Water	3005A	
660-105349-1 MSD	4MW14D	Total Recoverable	Water	3005A	

Prep Batch: 641196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105349-1	4MW14D	Total Recoverable	Water	3005A	
660-105349-2	4MW12D	Total Recoverable	Water	3005A	
MB 680-641196/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-641196/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105349-1 MS	4MW14D	Total Recoverable	Water	3005A	
660-105349-1 MSD	4MW14D	Total Recoverable	Water	3005A	

Analysis Batch: 641441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total Recoverable	Water	6020A	641185
MB 680-641185/1-A	Method Blank	Total Recoverable	Water	6020A	641185
LCS 680-641185/2-A	Lab Control Sample	Total Recoverable	Water	6020A	641185
660-105168-F-1-B MS	Matrix Spike	Total Recoverable	Water	6020A	641185
660-105168-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	641185

Analysis Batch: 641564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105349-1	4MW14D	Total Recoverable	Water	6020A	641195
660-105349-2	4MW12D	Total Recoverable	Water	6020A	641195
MB 680-641195/1-A	Method Blank	Total Recoverable	Water	6020A	641195
LCS 680-641195/2-A	Lab Control Sample	Total Recoverable	Water	6020A	641195
660-105349-1 MS	4MW14D	Total Recoverable	Water	6020A	641195
660-105349-1 MSD	4MW14D	Total Recoverable	Water	6020A	641195

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals

Analysis Batch: 641661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105349-1	4MW14D	Total Recoverable	Water	6010D	641196
660-105349-2	4MW12D	Total Recoverable	Water	6010D	641196
MB 680-641196/1-A	Method Blank	Total Recoverable	Water	6010D	641196
LCS 680-641196/2-A	Lab Control Sample	Total Recoverable	Water	6010D	641196
660-105349-1 MS	4MW14D	Total Recoverable	Water	6010D	641196
660-105349-1 MSD	4MW14D	Total Recoverable	Water	6010D	641196

Prep Batch: 642086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total Recoverable	Water	3005A	
MB 680-642086/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-642086/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105523-C-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
660-105523-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 642087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total Recoverable	Water	3005A	
MB 680-642087/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-642087/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105523-C-3-E MS	Matrix Spike	Total Recoverable	Water	3005A	
660-105523-C-3-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 642111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-2	2MW24S	Total Recoverable	Water	3005A	
MB 680-642111/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-642111/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105480-2 MS	2MW24S	Total Recoverable	Water	3005A	
660-105480-2 MSD	2MW24S	Total Recoverable	Water	3005A	

Prep Batch: 642112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-2	2MW24S	Total Recoverable	Water	3005A	
MB 680-642112/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-642112/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105480-2 MS	2MW24S	Total Recoverable	Water	3005A	
660-105480-2 MSD	2MW24S	Total Recoverable	Water	3005A	

Analysis Batch: 642406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-2	2MW24S	Total Recoverable	Water	6020A	642111
MB 680-642111/1-A	Method Blank	Total Recoverable	Water	6020A	642111
LCS 680-642111/2-A	Lab Control Sample	Total Recoverable	Water	6020A	642111
660-105480-2 MS	2MW24S	Total Recoverable	Water	6020A	642111
660-105480-2 MSD	2MW24S	Total Recoverable	Water	6020A	642111

Analysis Batch: 642431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total Recoverable	Water	6020A	642086
MB 680-642086/1-A	Method Blank	Total Recoverable	Water	6020A	642086

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals (Continued)

Analysis Batch: 642431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-642086/2-A	Lab Control Sample	Total Recoverable	Water	6020A	642086
660-105523-C-3-B MS	Matrix Spike	Total Recoverable	Water	6020A	642086
660-105523-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	642086

Analysis Batch: 642498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total Recoverable	Water	6010D	642087
660-105480-2	2MW24S	Total Recoverable	Water	6010D	642112
MB 680-642087/1-A	Method Blank	Total Recoverable	Water	6010D	642087
MB 680-642112/1-A	Method Blank	Total Recoverable	Water	6010D	642112
LCS 680-642087/2-A	Lab Control Sample	Total Recoverable	Water	6010D	642087
LCS 680-642112/2-A	Lab Control Sample	Total Recoverable	Water	6010D	642112
660-105480-2 MS	2MW24S	Total Recoverable	Water	6010D	642112
660-105480-2 MSD	2MW24S	Total Recoverable	Water	6010D	642112
660-105523-C-3-E MS	Matrix Spike	Total Recoverable	Water	6010D	642087
660-105523-C-3-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010D	642087

Prep Batch: 642619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total Recoverable	Water	3005A	
660-105567-1	2MW-24D	Total Recoverable	Water	3005A	
MB 680-642619/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-642619/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-105561-C-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
660-105561-C-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 642621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total Recoverable	Water	3005A	
660-105567-1	2MW-24D	Total Recoverable	Water	3005A	
MB 680-642621/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-642621/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 642683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	7470A	
660-105567-1	2MW-24D	Total/NA	Water	7470A	
MB 680-642683/12-A	Method Blank	Total/NA	Water	7470A	
LCS 680-642683/13-A	Lab Control Sample	Total/NA	Water	7470A	
680-190974-A-1-H MS	Matrix Spike	Total/NA	Water	7470A	
680-190974-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 642840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total Recoverable	Water	6020A	642619
660-105567-1	2MW-24D	Total Recoverable	Water	6020A	642619
MB 680-642619/1-A	Method Blank	Total Recoverable	Water	6020A	642619
LCS 680-642619/2-A	Lab Control Sample	Total Recoverable	Water	6020A	642619
660-105561-C-2-B MS	Matrix Spike	Total Recoverable	Water	6020A	642619
660-105561-C-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	642619

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Metals

Analysis Batch: 642991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	7470A	642683
660-105567-1	2MW-24D	Total/NA	Water	7470A	642683
MB 680-642683/12-A	Method Blank	Total/NA	Water	7470A	642683
LCS 680-642683/13-A	Lab Control Sample	Total/NA	Water	7470A	642683
680-190974-A-1-H MS	Matrix Spike	Total/NA	Water	7470A	642683
680-190974-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	642683

Analysis Batch: 643242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total Recoverable	Water	6010D	642621
660-105567-1	2MW-24D	Total Recoverable	Water	6010D	642621
MB 680-642621/1-A	Method Blank	Total Recoverable	Water	6010D	642621
LCS 680-642621/2-A	Lab Control Sample	Total Recoverable	Water	6010D	642621

Analysis Batch: 643776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total Recoverable	Water	6010D	641188
MB 680-641188/1-A	Method Blank	Total Recoverable	Water	6010D	641188
LCS 680-641188/2-A	Lab Control Sample	Total Recoverable	Water	6010D	641188
660-105168-F-1-E MS	Matrix Spike	Total Recoverable	Water	6010D	641188
660-105168-F-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010D	641188

General Chemistry

Analysis Batch: 229371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	SM 2540C	
660-104959-2	AD 00493	Total/NA	Water	SM 2540C	
MB 660-229371/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-229371/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-104939-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 229552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total/NA	Water	SM 2540C	
660-105034-2	4MW21	Total/NA	Water	SM 2540C	
660-105034-3	4MW8	Total/NA	Water	SM 2540C	
660-105043-1	4MW-7	Total/NA	Water	SM 2540C	
660-105045-1	4MW-5	Total/NA	Water	SM 2540C	
MB 660-229552/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-229552/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-105034-1 DU	4MW23	Total/NA	Water	SM 2540C	

Analysis Batch: 229685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total/NA	Water	SM 2540C	
660-105142-2	2MW26D	Total/NA	Water	SM 2540C	
660-105143-1	4MW2	Total/NA	Water	SM 2540C	
660-105143-2	2MW27D	Total/NA	Water	SM 2540C	
MB 660-229685/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-229685/2	Lab Control Sample	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

General Chemistry (Continued)

Analysis Batch: 229685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105097-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 229860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total/NA	Water	SM 2540C	
660-105211-2	2MW15DA	Total/NA	Water	SM 2540C	
660-105214-1	2MW19D	Total/NA	Water	SM 2540C	
660-105214-2	2MW18D	Total/NA	Water	SM 2540C	
660-105215-1	4MW4	Total/NA	Water	SM 2540C	
660-105215-2	4MW11D	Total/NA	Water	SM 2540C	
MB 660-229860/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-229860/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-105211-1 DU	4MW-27	Total/NA	Water	SM 2540C	
660-105214-1 DU	2MW19D	Total/NA	Water	SM 2540C	

Analysis Batch: 229997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	353.2-1993 R2.0	
660-104959-2	AD 00493	Total/NA	Water	353.2-1993 R2.0	
660-105034-1	4MW23	Total/NA	Water	353.2-1993 R2.0	
660-105034-2	4MW21	Total/NA	Water	353.2-1993 R2.0	
660-105034-3	4MW8	Total/NA	Water	353.2-1993 R2.0	
660-105043-1	4MW-7	Total/NA	Water	353.2-1993 R2.0	
660-105045-1	4MW-5	Total/NA	Water	353.2-1993 R2.0	
660-105142-1	4MW-1	Total/NA	Water	353.2-1993 R2.0	
660-105142-2	2MW26D	Total/NA	Water	353.2-1993 R2.0	
MB 660-229997/7	Method Blank	Total/NA	Water	353.2-1993 R2.0	
DLCK 660-229997/8	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 660-229997/9	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
660-105277-A-15 MS	Matrix Spike	Total/NA	Water	353.2-1993 R2.0	
660-105277-A-15 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 229998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105143-1	4MW2	Total/NA	Water	353.2-1993 R2.0	
660-105143-2	2MW27D	Total/NA	Water	353.2-1993 R2.0	
660-105211-1	4MW-27	Total/NA	Water	353.2-1993 R2.0	
660-105211-2	2MW15DA	Total/NA	Water	353.2-1993 R2.0	
660-105214-1	2MW19D	Total/NA	Water	353.2-1993 R2.0	
660-105214-2	2MW18D	Total/NA	Water	353.2-1993 R2.0	
660-105215-1	4MW4	Total/NA	Water	353.2-1993 R2.0	
660-105215-2	4MW11D	Total/NA	Water	353.2-1993 R2.0	
MB 660-229998/27	Method Blank	Total/NA	Water	353.2-1993 R2.0	
DLCK 660-229998/8	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 660-229998/9	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
660-105143-1 MS	4MW2	Total/NA	Water	353.2-1993 R2.0	
660-105143-1 MSD	4MW2	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 230135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	SM 2540C	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

General Chemistry (Continued)

Analysis Batch: 230135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105349-1	4MW14D	Total/NA	Water	SM 2540C	
660-105349-2	4MW12D	Total/NA	Water	SM 2540C	
MB 660-230135/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-230135/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-105349-2 DU	4MW12D	Total/NA	Water	SM 2540C	

Analysis Batch: 230193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	353.2-1993 R2.0	
660-105349-1	4MW14D	Total/NA	Water	353.2-1993 R2.0	
660-105349-2	4MW12D	Total/NA	Water	353.2-1993 R2.0	
MB 660-230193/45	Method Blank	Total/NA	Water	353.2-1993 R2.0	
DLCK 660-230193/22	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 660-230193/46	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
660-105334-F-5 MS	Matrix Spike	Total/NA	Water	353.2-1993 R2.0	
660-105334-F-5 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 230230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	SM 2540C	
660-105480-2	2MW24S	Total/NA	Water	SM 2540C	
MB 660-230230/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-230230/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-105447-A-6 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 230317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	353.2-1993 R2.0	
660-105480-2	2MW24S	Total/NA	Water	353.2-1993 R2.0	
MB 660-230317/9	Method Blank	Total/NA	Water	353.2-1993 R2.0	
DLCK 660-230317/10	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 660-230317/11	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 230397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	SM 2540C	
660-105567-1	2MW-24D	Total/NA	Water	SM 2540C	
MB 660-230397/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-230397/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-105547-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 230618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	353.2-1993 R2.0	
660-105567-1	2MW-24D	Total/NA	Water	353.2-1993 R2.0	
MB 660-230618/7	Method Blank	Total/NA	Water	353.2-1993 R2.0	
DLCK 660-230618/8	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 660-230618/9	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
660-105566-1 MS	4MW27D	Total/NA	Water	353.2-1993 R2.0	
660-105566-1 MSD	4MW27D	Total/NA	Water	353.2-1993 R2.0	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

General Chemistry

Analysis Batch: 639000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-104959-1	AD 00492	Total/NA	Water	350.1-1993 R2.0	
660-104959-2	AD 00493	Total/NA	Water	350.1-1993 R2.0	
MB 680-639000/52	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-639000/88	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639000/53	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639000/89	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
660-104959-1 MS	AD 00492	Total/NA	Water	350.1-1993 R2.0	
660-104959-1 MSD	AD 00492	Total/NA	Water	350.1-1993 R2.0	
660-104959-2 MS	AD 00493	Total/NA	Water	350.1-1993 R2.0	
660-104959-2 MSD	AD 00493	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 639190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-1	4MW23	Total/NA	Water	350.1-1993 R2.0	
660-105034-2	4MW21	Total/NA	Water	350.1-1993 R2.0	
MB 680-639190/11	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639190/12	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
660-105033-C-3 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
660-105033-C-3 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 639414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105034-3	4MW8	Total/NA	Water	350.1-1993 R2.0	
660-105043-1	4MW-7	Total/NA	Water	350.1-1993 R2.0	
MB 680-639414/11	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639414/12	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-189787-B-1 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-189787-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	
680-189787-C-2 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-189787-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 639415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105045-1	4MW-5	Total/NA	Water	350.1-1993 R2.0	
MB 680-639415/3	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639415/4	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-190051-G-3 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190051-G-3 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 639748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105142-1	4MW-1	Total/NA	Water	350.1-1993 R2.0	
660-105142-2	2MW26D	Total/NA	Water	350.1-1993 R2.0	
MB 680-639748/11	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639748/12	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-190121-B-1 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190121-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	
680-190121-B-6 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190121-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

General Chemistry

Analysis Batch: 639749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105143-1	4MW2	Total/NA	Water	350.1-1993 R2.0	
660-105143-2	2MW27D	Total/NA	Water	350.1-1993 R2.0	
MB 680-639749/3	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-639749/4	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
660-105143-2 MS	2MW27D	Total/NA	Water	350.1-1993 R2.0	
660-105143-2 MSD	2MW27D	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 640508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105211-1	4MW-27	Total/NA	Water	350.1-1993 R2.0	
660-105211-2	2MW15DA	Total/NA	Water	350.1-1993 R2.0	
660-105214-2	2MW18D	Total/NA	Water	350.1-1993 R2.0	
660-105215-1	4MW4	Total/NA	Water	350.1-1993 R2.0	
660-105215-2	4MW11D	Total/NA	Water	350.1-1993 R2.0	
MB 680-640508/57	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-640508/58	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
660-105211-1 MS	4MW-27	Total/NA	Water	350.1-1993 R2.0	
660-105211-1 MSD	4MW-27	Total/NA	Water	350.1-1993 R2.0	
680-190367-G-4 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190367-G-4 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 640509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105214-1	2MW19D	Total/NA	Water	350.1-1993 R2.0	
MB 680-640509/3	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-640509/4	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-190382-D-1 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190382-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 641482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105349-2	4MW12D	Total/NA	Water	350.1-1993 R2.0	
MB 680-641482/11	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-641482/12	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-190542-C-1 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190542-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 641483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105348-1	4MW6	Total/NA	Water	350.1-1993 R2.0	
660-105349-1	4MW14D	Total/NA	Water	350.1-1993 R2.0	
MB 680-641483/3	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-641483/4	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
660-105349-1 MS	4MW14D	Total/NA	Water	350.1-1993 R2.0	
660-105349-1 MSD	4MW14D	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 642035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-1	4MW3A	Total/NA	Water	350.1-1993 R2.0	
MB 680-642035/11	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-642035/12	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	

Eurofins TestAmerica, Tampa

QC Association Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

General Chemistry (Continued)

Analysis Batch: 642035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-190619-G-2 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190619-G-2 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 642036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105480-2	2MW24S	Total/NA	Water	350.1-1993 R2.0	
MB 680-642036/3	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-642036/4	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
660-105447-D-1 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
660-105447-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 642539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-105566-1	4MW27D	Total/NA	Water	350.1-1993 R2.0	
660-105567-1	2MW-24D	Total/NA	Water	350.1-1993 R2.0	
MB 680-642539/11	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-642539/12	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-190991-C-2 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-190991-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	
680-191040-B-1 MS	Matrix Spike	Total/NA	Water	350.1-1993 R2.0	
680-191040-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1-1993 R2.0	

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: AD 00492

Date Collected: 10/07/20 10:14

Date Received: 10/08/20 11:02

Lab Sample ID: 660-104959-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229369	10/09/20 18:28	T1S	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	638802	10/14/20 04:10	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	229475	10/12/20 13:47	MRB	TAL TAM
Total Recoverable	Analysis	6010D		1			229568	10/14/20 09:38	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	638233	10/09/20 13:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			638617	10/12/20 21:06	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229514	10/13/20 13:13	EM	TAL TAM
Total/NA	Analysis	7470A		1			229523	10/13/20 14:29	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639000	10/14/20 15:01	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:33	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229371	10/09/20 08:33	SGF	TAL TAM

Client Sample ID: AD 00493

Date Collected: 10/07/20 11:08

Date Received: 10/08/20 11:02

Lab Sample ID: 660-104959-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229369	10/09/20 18:49	T1S	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	638802	10/14/20 04:22	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	229475	10/12/20 13:47	MRB	TAL TAM
Total Recoverable	Analysis	6010D		1			229568	10/14/20 09:51	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	638233	10/09/20 13:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			638617	10/12/20 21:03	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229514	10/13/20 13:13	EM	TAL TAM
Total/NA	Analysis	7470A		1			229523	10/13/20 14:21	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639000	10/14/20 15:49	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		10	10 mL	10 mL	229997	10/22/20 14:58	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229371	10/09/20 08:33	SGF	TAL TAM

Client Sample ID: 4MW23

Date Collected: 10/08/20 09:18

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105034-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229800	10/20/20 17:27	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639219	10/15/20 23:01	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	229553	10/14/20 08:27	EM	TAL TAM
Total Recoverable	Analysis	6010D		1			229640	10/15/20 16:27	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	639121	10/15/20 12:05	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639439	10/16/20 15:42	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229764	10/19/20 10:07	EM	TAL TAM
Total/NA	Analysis	7470A		1			229775	10/19/20 14:10	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639190	10/15/20 12:59	DR	TAL SAV

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW23

Date Collected: 10/08/20 09:18

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105034-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:43	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229552	10/14/20 08:23	SGF	TAL TAM

Client Sample ID: 4MW21

Date Collected: 10/08/20 10:30

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105034-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229800	10/20/20 17:48	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639219	10/15/20 23:14	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	229553	10/14/20 08:27	EM	TAL TAM
Total Recoverable	Analysis	6010D		1			229640	10/15/20 16:36	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	639121	10/15/20 12:05	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639439	10/16/20 16:13	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229764	10/19/20 10:07	EM	TAL TAM
Total/NA	Analysis	7470A		1			229775	10/19/20 14:18	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639190	10/15/20 12:59	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:44	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229552	10/14/20 08:23	SGF	TAL TAM

Client Sample ID: 4MW8

Date Collected: 10/08/20 14:00

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105034-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229800	10/20/20 18:09	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639219	10/15/20 23:27	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	229553	10/14/20 08:27	EM	TAL TAM
Total Recoverable	Analysis	6010D		1			229640	10/15/20 16:39	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	639121	10/15/20 12:05	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639439	10/16/20 16:04	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229764	10/19/20 10:07	EM	TAL TAM
Total/NA	Analysis	7470A		1			229775	10/19/20 14:20	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639414	10/16/20 13:17	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:46	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229552	10/14/20 08:23	SGF	TAL TAM

Client Sample ID: 4MW-7

Date Collected: 10/09/20 10:20

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105043-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229800	10/20/20 18:30	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639220	10/16/20 00:32	UI	TAL SAV

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW-7

Date Collected: 10/09/20 10:20

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105043-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	229553	10/14/20 08:27	EM	TAL TAM
Total Recoverable	Analysis	6010D		1			229640	10/15/20 16:43	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	639121	10/15/20 12:05	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639439	10/16/20 15:58	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229764	10/19/20 10:07	EM	TAL TAM
Total/NA	Analysis	7470A		1			229775	10/19/20 14:38	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639414	10/16/20 13:17	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:48	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229552	10/14/20 08:23	SGF	TAL TAM

Client Sample ID: 4MW-5

Date Collected: 10/12/20 12:46

Date Received: 10/13/20 11:30

Lab Sample ID: 660-105045-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	229800	10/20/20 12:33	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639220	10/16/20 00:45	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	229553	10/14/20 08:27	EM	TAL TAM
Total Recoverable	Analysis	6010D		1			229640	10/15/20 16:46	EM	TAL TAM
Total Recoverable	Prep	3005A			50 mL	250 mL	639121	10/15/20 12:05	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639439	10/16/20 16:01	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229764	10/19/20 10:07	EM	TAL TAM
Total/NA	Analysis	7470A		1			229775	10/19/20 14:41	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639415	10/16/20 13:31	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:49	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229552	10/14/20 08:23	SGF	TAL TAM

Client Sample ID: 4MW-1

Date Collected: 10/13/20 11:47

Date Received: 10/15/20 09:30

Lab Sample ID: 660-105142-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230031	10/26/20 09:42	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639620	10/19/20 15:45	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	639660	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640298	10/21/20 19:41	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	639659	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639949	10/20/20 13:32	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229807	10/20/20 09:34	EM	TAL TAM
Total/NA	Analysis	7470A		1			229828	10/20/20 14:15	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639748	10/19/20 13:23	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:54	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229685	10/16/20 09:16	SGF	TAL TAM

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW26D

Date Collected: 10/13/20 14:12

Date Received: 10/15/20 09:30

Lab Sample ID: 660-105142-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230031	10/26/20 10:24	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639620	10/19/20 16:24	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	639660	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640298	10/21/20 19:20	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	639659	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639949	10/20/20 13:25	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229807	10/20/20 09:34	EM	TAL TAM
Total/NA	Analysis	7470A		1			229828	10/20/20 14:23	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639748	10/19/20 13:04	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229997	10/22/20 14:56	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229685	10/16/20 09:16	SGF	TAL TAM

Client Sample ID: 4MW2

Date Collected: 10/14/20 11:38

Date Received: 10/15/20 09:30

Lab Sample ID: 660-105143-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230031	10/26/20 12:09	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639620	10/19/20 17:02	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	639660	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640298	10/21/20 19:28	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	639659	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639949	10/20/20 13:28	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229807	10/20/20 09:34	EM	TAL TAM
Total/NA	Analysis	7470A		1			229828	10/20/20 14:25	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639749	10/19/20 15:03	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 15:49	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229685	10/16/20 09:16	SGF	TAL TAM

Client Sample ID: 2MW27D

Date Collected: 10/14/20 13:48

Date Received: 10/15/20 09:30

Lab Sample ID: 660-105143-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230031	10/26/20 12:31	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	639620	10/19/20 17:15	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	639660	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640298	10/21/20 19:15	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	639659	10/19/20 13:24	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			639949	10/20/20 13:21	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	229807	10/20/20 09:34	EM	TAL TAM
Total/NA	Analysis	7470A		1			229828	10/20/20 14:28	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	639749	10/19/20 14:58	DR	TAL SAV

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW27D

Lab Sample ID: 660-105143-2

Date Collected: 10/14/20 13:48

Matrix: Water

Date Received: 10/15/20 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 15:57	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229685	10/16/20 09:16	SGF	TAL TAM

Client Sample ID: 4MW-27

Lab Sample ID: 660-105211-1

Date Collected: 10/16/20 11:32

Matrix: Water

Date Received: 10/20/20 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230049	10/26/20 13:33	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	640037	10/21/20 21:37	KMB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	640204	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640642	10/24/20 00:24	BWR	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	640196	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			640364	10/22/20 20:32	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	640178	10/22/20 10:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			640372	10/22/20 20:27	BWR	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	640508	10/23/20 13:21	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 16:00	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229860	10/21/20 08:14	SGF	TAL TAM

Client Sample ID: 2MW15DA

Lab Sample ID: 660-105211-2

Date Collected: 10/16/20 13:23

Matrix: Water

Date Received: 10/20/20 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230049	10/26/20 13:56	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	640037	10/21/20 22:15	KMB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	640204	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640642	10/24/20 00:20	BWR	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	640196	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			640364	10/22/20 20:29	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	640178	10/22/20 10:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			640372	10/22/20 20:41	BWR	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	640508	10/23/20 13:16	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		5	10 mL	10 mL	229998	10/22/20 15:59	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229860	10/21/20 08:14	SGF	TAL TAM

Client Sample ID: 2MW19D

Lab Sample ID: 660-105214-1

Date Collected: 10/19/20 10:27

Matrix: Water

Date Received: 10/20/20 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230049	10/26/20 14:19	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	640459	10/23/20 18:03	UI	TAL SAV

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW19D

Date Collected: 10/19/20 10:27

Date Received: 10/20/20 10:47

Lab Sample ID: 660-105214-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	640204	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640642	10/24/20 00:15	BWR	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	640196	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			640364	10/22/20 20:26	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	640178	10/22/20 10:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			640372	10/22/20 20:45	BWR	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	640509	10/23/20 13:30	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 16:02	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229860	10/21/20 08:14	SGF	TAL TAM

Client Sample ID: 2MW18D

Date Collected: 10/19/20 11:18

Date Received: 10/20/20 10:47

Lab Sample ID: 660-105214-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230049	10/26/20 14:42	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	640459	10/23/20 18:16	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	640177	10/22/20 09:50	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640641	10/23/20 20:00	BWR	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	640175	10/22/20 09:50	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			640364	10/22/20 19:09	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	640178	10/22/20 10:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			640372	10/22/20 20:50	BWR	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	640508	10/23/20 12:31	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 16:10	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229860	10/21/20 08:14	SGF	TAL TAM

Client Sample ID: 4MW4

Date Collected: 10/15/20 10:14

Date Received: 10/20/20 10:47

Lab Sample ID: 660-105215-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230049	10/26/20 15:05	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	640367	10/23/20 10:44	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	640177	10/22/20 09:50	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640641	10/23/20 19:30	BWR	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	640175	10/22/20 09:50	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			640364	10/22/20 18:54	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	640178	10/22/20 10:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			640372	10/22/20 20:55	BWR	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	640508	10/23/20 12:36	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 16:12	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229860	10/21/20 08:14	SGF	TAL TAM

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW11D

Date Collected: 10/15/20 14:02

Date Received: 10/20/20 10:47

Lab Sample ID: 660-105215-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230049	10/26/20 15:27	TGP	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	640367	10/23/20 10:56	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	640204	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			640642	10/23/20 23:53	BWR	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	640196	10/22/20 10:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			640364	10/22/20 20:23	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	640178	10/22/20 10:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			640372	10/22/20 20:59	BWR	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	640508	10/23/20 12:31	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	229998	10/22/20 16:14	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	229860	10/21/20 08:14	SGF	TAL TAM

Client Sample ID: 4MW6

Date Collected: 10/23/20 13:02

Date Received: 10/27/20 10:05

Lab Sample ID: 660-105348-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230128	10/28/20 13:36	T1S	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	641422	10/29/20 20:02	OK	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	641188	10/28/20 14:34	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			643776	11/12/20 11:41	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	641185	10/28/20 14:34	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			641441	10/29/20 14:26	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	230178	10/29/20 10:09	MRB	TAL TAM
Total/NA	Analysis	7470A		1			230201	10/29/20 14:45	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	641483	10/29/20 12:58	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230193	10/27/20 15:45	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230135	10/28/20 08:33	SGF	TAL TAM

Client Sample ID: 4MW14D

Date Collected: 10/22/20 10:02

Date Received: 10/27/20 10:05

Lab Sample ID: 660-105349-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230128	10/28/20 13:57	T1S	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	641422	10/29/20 20:40	OK	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	641196	10/28/20 15:11	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			641661	10/30/20 03:44	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	641195	10/28/20 15:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			641564	10/29/20 15:37	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	230178	10/29/20 10:09	MRB	TAL TAM
Total/NA	Analysis	7470A		1			230201	10/29/20 14:48	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	641483	10/29/20 13:03	DR	TAL SAV

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 4MW14D

Lab Sample ID: 660-105349-1

Date Collected: 10/22/20 10:02

Matrix: Water

Date Received: 10/27/20 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230193	10/27/20 15:46	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230135	10/28/20 08:33	SGF	TAL TAM

Client Sample ID: 4MW12D

Lab Sample ID: 660-105349-2

Date Collected: 10/22/20 11:17

Matrix: Water

Date Received: 10/27/20 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230128	10/28/20 14:17	T1S	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	641422	10/29/20 20:53	OK	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	641196	10/28/20 15:11	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			641661	10/30/20 04:15	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	641195	10/28/20 15:11	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			641564	10/29/20 15:55	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	230178	10/29/20 10:09	MRB	TAL TAM
Total/NA	Analysis	7470A		1			230201	10/29/20 14:50	EM	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	641482	10/29/20 12:32	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230193	10/27/20 15:48	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230135	10/28/20 08:33	SGF	TAL TAM

Client Sample ID: 4MW3A

Lab Sample ID: 660-105480-1

Date Collected: 10/27/20 10:44

Matrix: Water

Date Received: 10/29/20 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230308	11/02/20 14:26	ECC	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	641907	11/02/20 16:43	UI	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	642087	11/03/20 13:25	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			642498	11/04/20 19:03	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	642086	11/03/20 13:25	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			642431	11/04/20 15:04	BJB	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	230235	10/30/20 09:29	MRB	TAL TAM
Total/NA	Analysis	7470A		1			230251	10/30/20 13:10	MRB	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	642035	11/02/20 15:03	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230317	10/30/20 16:25	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230230	10/30/20 07:57	SGF	TAL TAM

Client Sample ID: 2MW24S

Lab Sample ID: 660-105480-2

Date Collected: 10/27/20 14:56

Matrix: Water

Date Received: 10/29/20 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230308	11/02/20 15:12	ECC	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	641907	11/02/20 16:56	UI	TAL SAV

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Client Sample ID: 2MW24S

Date Collected: 10/27/20 14:56

Date Received: 10/29/20 10:10

Lab Sample ID: 660-105480-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	642112	11/03/20 15:45	AJR	TAL SAV
Total Recoverable	Analysis	6010D		1			642498	11/04/20 16:36	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	642111	11/03/20 15:45	AJR	TAL SAV
Total Recoverable	Analysis	6020A		1			642406	11/04/20 15:38	BWR	TAL SAV
Total/NA	Prep	7470A			25 mL	35 mL	230235	10/30/20 09:29	MRB	TAL TAM
Total/NA	Analysis	7470A		1			230251	10/30/20 13:12	MRB	TAL TAM
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	642036	11/02/20 17:10	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230317	10/30/20 16:27	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230230	10/30/20 07:57	SGF	TAL TAM

Client Sample ID: 4MW27D

Date Collected: 10/29/20 14:02

Date Received: 11/03/20 11:09

Lab Sample ID: 660-105566-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230536	11/08/20 12:41	K1P	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	642487	11/05/20 18:19	OK	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	642621	11/05/20 18:10	BCB	TAL SAV
Total Recoverable	Analysis	6010D		1			643242	11/10/20 07:27	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	642619	11/05/20 18:08	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1			642840	11/06/20 20:49	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	642683	11/06/20 11:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			642991	11/07/20 19:59	BCB	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	642539	11/05/20 11:53	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230618	11/10/20 14:35	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230397	11/04/20 08:25	SGF	TAL TAM

Client Sample ID: 2MW-24D

Date Collected: 10/30/20 09:27

Date Received: 11/03/20 11:09

Lab Sample ID: 660-105567-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	230536	11/08/20 13:04	K1P	TAL TAM
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	642487	11/05/20 18:57	OK	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	642621	11/05/20 18:10	BCB	TAL SAV
Total Recoverable	Analysis	6010D		1			643242	11/10/20 07:32	BCB	TAL SAV
Total Recoverable	Prep	3005A			50 mL	250 mL	642619	11/05/20 18:08	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1			642840	11/06/20 20:53	BJB	TAL SAV
Total/NA	Prep	7470A			50 mL	50 mL	642683	11/06/20 11:00	BCB	TAL SAV
Total/NA	Analysis	7470A		1			642991	11/07/20 20:04	BCB	TAL SAV
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	642539	11/05/20 11:55	DR	TAL SAV
Total/NA	Analysis	353.2-1993 R2.0		1	10 mL	10 mL	230618	11/10/20 14:43	JLD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	230397	11/04/20 08:25	SGF	TAL TAM

Eurofins TestAmerica, Tampa

Lab Chronicle

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = Eurofins TestAmerica, Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

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14

Method Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	TAL SAV
6010D	Metals (ICP)	SW846	TAL SAV
6010D	Metals (ICP)	SW846	TAL TAM
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL TAM
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	TAL SAV
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL TAM
5030B	Purge and Trap	SW846	TAL TAM
7470A	Preparation, Mercury	SW846	TAL SAV
7470A	Preparation, Mercury	SW846	TAL TAM

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

TAL TAM = Eurofins TestAmerica, Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Accreditation/Certification Summary

Client: Pasco Co Board of Commissioners
Project/Site: Resource Recovery

Job ID: 660-104959-1

Laboratory: Eurofins TestAmerica, Tampa

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E84282	06-30-21

Laboratory: Eurofins TestAmerica, Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-21

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 11.9

I.R. Gun #: 19202.6/113

C Received on Ice, (ROI) ☒ YES ☐ NO

FOR LAB USE ONLY
LOG IN NO.

1. Client: (Company or Individual)

ENU Lab

Sampling Address:

Phone: ()

City:

State

Zip Code

Fax: ()

2. Report to: (if different from above)

CANDIA MULHERN

Mailing Address:

Phone: ()

City

State

Zip Code

Fax: ()

3. Client Project Name:

RESOURCE REC

Water Sample
Codes (for Item 11)

Container Codes
(for Item 14)

4. Sampled by: (Print)

GREG TORREY

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

V - VOA vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

12.

13. Preservatives

H

N

N

S

S

C

C

14. Containers

V

P

P

P

P

P

P

15.

Analyses Requested
APPENDIX I
Fe Ag Na
TIC
Ammonia
ND3
CI
TDS

Preservative Codes
(for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analyses							Sample Specific Notes:	
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other		APPENDIX	Fe	Hg	Pb	Ammonia	NO3	Cl	TDS	S - Sulfuric Acid T - Sodium Thiosulfate
1.	AD00492	10-7-20	10:14			✓GW					9	✓	✓	✓	✓	✓	✓	✓		
2.	AD00493	10-7-20	11:08			✓GW					9	✓	✓	✓	✓	✓	✓	✓		
3.																				
4.																				
5.																				
6.																			verified Ph 2 10-7-20	
7.																				
8.																				
9.																				
10.																				



660-104959 Chain of Custody

Loc: 660

104959

* Sending To
Test America
10-8-20



660-104959 Chain of Custody

Loc: 660

104959

17. RELINQUISHED BY			DATE		TIME	18. RECEIVED BY			DATE		TIME
1.	[Signature]		10-7-20	14:30		[Signature]			10-7-20	1430	
2.	[Signature]		10/8/20	11:02		[Signature]			10-8-2020	11:02	
3.	[Signature]										
4.											

2.2/2.0 cu-09

PC 4/30/19

2284520000-#191501H / LIS4520000-#19-40524
Page 173 of 221
5/14/2020
Test America
11/22/2020

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 17.0 °
Sampling Address:

I.R. Gun #:

19225970

C Received on Ice, (ROI) ☒ YES ☐ NO

FOR LAB USE ONLY
LOG IN NO.

1. Client: (Company or Individual)

ENV LAB

2. Report to: (if different from above)

CANDIA MULHORN

3. Client Project Name:

KRSL RESOURCES

4. Sampled by: (Print)

GREG TONG

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

Water Sample Codes (for Item 11)

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

Container Codes (for Item 14)

V - VOA vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

12.

No. of Containers

13. Preservatives

H N N S S C C

14. Containers

V P P P P P P

15.

Analyses Requested
APPENDIX I
Fe Hg NA
TX
AMMONIA
NO3
CI
TDS

Preservative Codes (for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Sample Specific Notes:

Item	Sample ID / Description	9.		10.		11.				
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other
1.	AD00552 4MW23	10-8-20	9:18		✓	GW				
2.	AD00553 4MW21	10-8-20	10:30		✓	GW				
3.	AD00554 4MW8	10-8-20	14:00		✓	GW				
4.										
5.										
6.										
7.										
8.										
9.										
10.										



660-105034 Chain of Custody

Loc: 660

105034

17. RELINQUISHED BY			DATE		TIME	18. RECEIVED BY			DATE		TIME
1.	[Signature]		10-8-20		14:40	[Signature]			10-8-20		1440
2.	[Signature]		10-13-20		1130	[Signature]			10-13-2020		1130
3.											
4.											

1.2/1.0 CW-09

PC 4/30/19

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 14.8 °

I.R. Gun #:

C Received on Ice, (ROI) ☒ YES ☐ NO

FOR LAB USE ONLY
LOG IN NO.

1. Client: (Company or Individual)

ENV LAB

2. Report to: (if different from above)

CARRIE MULHOLLAND

3. Client Project Name:

Resource Recovery

4. Sampled by: (Print)

GREG TERRY

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

Sampling Address:

City:

State:

Zip Code:

Phone: ()

Fax: ()

Mailing Address:

City:

State:

Zip Code:

Phone: ()

Fax: ()

Water Sample
Codes (for Item 11)

Container Codes
(for Item 14)

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

V - VOA Vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

12. No. of Containers

13. Preservatives

H

N

N

S

S

C

C

14. Containers

V

P

P

P

P

P

P

15.

Analyses Requested
APPENDIX I
Pb Hg Na
TIC
AMMONIA
NO3
CL
TDS

Preservative Codes
(for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Sample Specific Notes:

Item	Sample ID / Description	Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other	No. of Containers	Analyses Requested	Preservative Codes	Sample Specific Notes
1.	AD 00570 4mw-7	10-9-20	10:20		✓	GW					9	APPENDIX I Pb Hg Na TIC AMMONIA NO3 CL TDS		APHL 2 TA 10-9-20
2.														APHL 2 TA 10-9-20
3.														APHL 2 TA 10-9-20
4.														APHL 2 TA 10-9-20
5.														
6.														



660-105043 Chain of Custody

Loc: 660

105043

Sending to
Test
Director

17. RELINQUISHED BY	DATE	TIME	18. RECEIVED BY	DATE	TIME
1. [Signature]	10-9-20	14:30	[Signature]	10-9-20	14:30
2. [Signature]	10-13-20	11:30	[Signature]	10-13-2020	11:30
3.					
4.					

1.2/1.0 Cx-09

PC 4/30/19

14 13 12 11 10 9 8 7 6 5 4 3 2 1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 21.1 °

C Received on Ice, (ROI) ☒ YES ☐ NO

I.R. Gun #:

102125970

FOR LAB USE ONLY
LOG IN NO.

1. Client: (Company or Individual)

ENV Lab

2. Report to: (if different from above)

CANDIA MULHERN

3. Client Project Name:

RESOURCE RECOVERY

4. Sampled by: (Print)

GREG TORROY

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

Sampling Address:

City:

State:

Zip Code:

Phone: ()

Fax: ()

Phone: ()

Fax: ()

City:

State:

Zip Code:

Water Sample Codes (for Item 11)

Container Codes (for Item 14)

DW - Drinking Water

V - VOA vial

GW - Ground Water

G - Glass

SW - Surface Water

P - Plastic

PW - Processed Water

M - Micro Bag/Cup

WW - Waste Water

O - Other

12.

No. of Containers

13. Preservatives

14. Containers

15.

Analyses Requested
APPENDIX I
Fe Hg Na
TIC
Ammonia
NO3
Cl
TDS

Preservative Codes (for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Sample Specific Notes:

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analyses Requested								Sample Specific Notes:
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other		APPENDIX	Fe	Hg	TI	AMMONIA	NO3	Cl	TDS	
1.	AD00690 4mw-1	10-13-20	11:47			✓ GW					9	✓	✓	✓	✓	✓	✓	✓	ph2TA 10-13-20	
2.	AD00691 2mw260	10-13-20	14:12			✓ GW					9	✓	✓	✓	✓	✓	✓	✓	ph2TA 10-13-20	
3.																			ph2TA 10-13-20	
4.																			ph2TA 10-13-20	
5.																				
6.																				



660-105142 Chain of Custody

Loc: 660

105142



660-105142 Chain of Custody

Loc: 660

105142

17. RELINQUISHED BY			DATE		TIME	18. RECEIVED BY			DATE		TIME
1.	<i>[Signature]</i>		10-13-20	15:10		<i>[Signature]</i>			10-13-20	1510	
2.	<i>[Signature]</i>		10/15/20	0930		<i>[Signature]</i>			10/16/20	0930	
3.											
4.											

PC 4/30/19

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 16.9

I.R. Gun #: 10125970

C Received on Ice, (ROI) ☒ YES ☐ NO

FOR LAB USE ONLY
LOG IN NO.

1. Client: (Company or Individual)

ENU LAB

Sampling Address:

City:

State

Zip Code

Phone: ()

Fax: ()

2. Report to: (if different from above)

CANDIA MULHEARN

Mailing Address:

City

State

Zip Code

Phone: ()

Fax: ()

3. Client Project Name:

RESOURCE RECOVERY

Water Sample Codes (for Item 11)

Container Codes (for Item 14)

4. Sampled by: (Print)

GREG TORNEY

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

V - VOA vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

12.

No. of Containers

13. Preservatives

14. Containers

15.

Analyses Requested
APPENDIX I
FRESH WATER
TIE
AMMONIA
NO3
CL
TDS

H

N

N

S

S

C

C

Preservative Codes (for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Sample Specific Notes:

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analysis								Sample Specific Notes:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other		APPENDIX	Fe	Hg	TL	Ammonia	NO3	Cl	TDS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.	AD00763 4MW2	10-14-20	11:38			✓ 6W					9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



660-105143 Chain of Custody

Loc: 660

105143

17. RELINQUISHED BY			DATE		TIME	18. RECEIVED BY			DATE		TIME
1.	<i>[Signature]</i>		10-14-20	14:45		<i>[Signature]</i>			10-14-20	14:45	
2.	F. Sheehan		10/15/20	0930		<i>[Signature]</i>			10-15-2020	0930	
3.											
4.											

PC 4/30/19

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 17.6 °

I.R. Gun #: 92026111

C Received on Ice, (ROI) ☒ YES ☐ NO

FOR LAB USE ONLY
LOG IN NO.

1. Client: (Company or Individual)

ENVU Lab

Sampling Address:

Phone: ()

City:

State

Zip Code

Fax: ()

2. Report to: (if different from above)

CANDIA MULHERN

Mailing Address:

Phone: ()

City

State

Zip Code

Fax: ()

3. Client Project Name:

Resource Recovery

Water Sample Codes (for Item 11)

Container Codes (for Item 14)

12. No. of Containers

13. Preservatives

H

N

N

S

S

C

C

14. Containers

V

P

P

P

P

P

P

Preservative Codes (for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

4. Sampled by: (Print)

Ardo Turner

DW - Drinking Water

V - VOA vial

GW - Ground Water

G - Glass

SW - Surface Water

P - Plastic

PW - Processed Water

M - Micro Bag/Cup

WW - Waste Water

O - Other

5. Sampled by: (Signature)

Ardo Turner

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analysis	APPENDIX	Fe	H ₂	TIC	Ammonia	NO ₃	Cl	TDS	S - Sulfuric Acid T - Sodium Thiosulfate
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other											
1.	AD00882 4MW-27	10-16-20	11:32		✓	6W					9	✓	✓	✓	✓	✓	✓	✓	✓	✓	APHL27n 10-16-20
2.	AD00883 2MAW 15 DA	10-16-20	13:23		✓	6W					9	✓	✓	✓	✓	✓	✓	✓	✓	✓	APHL27n 10-16-20
3.																					APHL27n 10-16-20
4.																					APHL27n 10-16-20
5.																					APHL27n 10-16-20
6.																					
7.																					
8.																					
9.																					
10.																					



660-105211 Chain of Custody

Loc: 660

105211

17. RELINQUISHED BY		DATE	TIME	18. RECEIVED BY		DATE	TIME
1.		10-16-20	14:15			10-16-20	1415
2.		10-20-20	1047			10-20-20	1047
3.							
4.							

0.8/1.4 Cwq

PC 4/30/19

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

Temp. of Contents: 11.6°

Sampling Address:

City:

State

Zip Code

Mailing Address:

City

State

Zip Code

FOR LAB USE ONLY
LOG IN NO.

Phone: ()

Fax: ()

Phone: ()

Fax: ()

1. Client: (Company or Individual)

ENV LAB

2. Report to: (if different from above)

CANDIA MULHERN

3. Client Project Name:

RESOURCE RECOVERY

4. Sampled by: (Print)

GREG TORNEY

5. Sampled by: (Signature)

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

Water Sample
Codes (for Item 11)

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

Container Codes
(for Item 14)

V - VOA vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

12.

13. Preservatives

14. Containers

15.

Analyses Requested

APPENDIX I

FE

TE

AMMONIA

NO3

CL

TDS

Preservative Codes
(for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analysis							Sample Specific Notes:	
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other		APPEND	Fe	T	Ammonia	NO3	Cl	TDS	S - Sulfuric Acid T - Sodium Thiosulfate	
1.	AD01172 4MW6	10-23-20	13:02		✓	6W					9							APHL2 TA 10-23-20		
2.																		APHL2 TA 10-23-20		
3.																		APHL2 TA 10-23-20		
4.																		APHL2 TA 10-23-20		
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				



660-105348 Chain of Custody

Loc: 660

105348



Loc: 660
105348

660-105348 Chain of Custody

17. RELINQUISHED BY			DATE		TIME			18. RECEIVED BY			DATE		TIME		
1.			10-23-20	14:25							10-23-20	14:25			
2.			10/27/20	1005							10/27/2020	1005			
3.															
4.															

PC 4/30/19

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

I.R. Gun #: 192125970

FOR LAB USE ONLY
LOG IN NO.

Temp. of Contents: 6.9 °

C Received on Ice, (ROI) ☒ YES ☐ NO

1. Client: (Company or Individual)

Sampling Address:

Phone: ()

ENV Lab

City:

State

Zip Code

Fax: ()

2. Report to: (if different from above)

Mailing Address:

Phone: ()

CANDIA Mulhern

City

State

Zip Code

Fax: ()

3. Client Project Name:

Resource Recovery

Water Sample
Codes (for Item 11)

Container Codes
(for Item 14)

4. Sampled by: (Print)

GREG TORREY

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ PD.

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

V - VOA vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

12.

13. Preservatives

H

N

P

S

S

C

C

14. Containers

V

P

P

P

P

P

P

15.

Analyses Requested

APPENDIX I

Fe Hg Na

TI

Ammonia

NO3

Cl

TDS

Preservative Codes
(for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analysis								Sample Specific Notes:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other		APPROX	Fe Hg N	TI	AMMONIA	NO3	CL	TDS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1.	ADO1140 4mw/4D	10-22-20	10:02		✓	GW					9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



660-105349 Chain of Custody

Loc: 660
105349

17. RELINQUISHED BY			DATE		TIME	18. RECEIVED BY			DATE		TIME
1.	<u>[Signature]</u>		10-22-20		15:00	<u>[Signature]</u>			10/22/20		1500
2.	<u>[Signature]</u>		10/27/20		1005	<u>[Signature]</u>			10/27/2020		1005
3.											
4.											

8/16 cu-09

PC 4/30/19

14 13 12 11 10 9 8 7 6 5 4 3 2 1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

I.R. Gun #: 192125970

FOR LAB USE ONLY
LOG IN NO.

Temp. of Contents: 13.3 °

C Received on Ice, (ROI) ☒ YES ☐ NO

1. Client: (Company or Individual)

ENV LAB

Sampling Address:

Phone: ()

City:

State

Zip Code

Fax: ()

2. Report to: (if different from above)

Mailing Address:

Phone: ()

City

State

Zip Code

Fax: ()

3. Client Project Name:

RESOURCE RECOVERY

Water Sample
Codes (for Item 11)

Container Codes
(for Item 14)

4. Sampled by: (Print)

GREG TORRES

DW - Drinking Water
GW - Ground Water
SW - Surface Water
PW - Processed Water
WW - Waste Water

V - VOA vial
G - Glass
P - Plastic
M - Micro Bag/Cup
O - Other

5. Sampled by: (Signature)

[Signature]

6. Report Delivered By: ☐ Mail ☐ Fax ☒ P.U.

12.

13. Preservatives

H

N

N

S

S

C

C

14. Containers

V

P

P

P

P

P

P

15.

Analyses Requested
APPENDIX I
Fe Hg Pb
TTF
Ammonia
NO3
Cl
TDS

Preservative Codes
(for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Sample Specific Notes:

Item	Sample ID / Description	9.		10.		11.						No. of Containers	Analysis	APPENDIX						Sample Specific Notes:
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other	Fe			Hg	T	Ammonia	Nb3	Cl	TDS	
1.	AD01365 4mw27D	10/29/20	15:02		✓	6w					9	✓	✓	✓	✓	✓	✓			
2.			1402																	
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				



660-105566 Chain of Custody

Loc: 660

105566



660-105566 Chain of Custody

Loc: 660

105566

17. RELINQUISHED BY			DATE		TIME			18. RECEIVED BY		DATE		TIME	
1.	<i>[Signature]</i>		10/29/20		15:05			TP		10/29/20		1525	
2.	<i>[Signature]</i>		11-3-20		1109			<i>[Signature]</i>		11-3-2020		1109	
3.													
4.													

10/11/2009

PC 4/30/19

14 13 12 11 10 9 8 7 6 5 4 3 2 1

Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654
(727) 847-8902 Fax: (727) 847-8112

CHAIN OF CUSTODY RECORD

Page 1 of 1

FOR LAB USE ONLY

I.R. Gun #: 142125470

FOR LAB USE ONLY
LOG IN NO.

Temp. of Contents: 15.6 °

C Received on Ice, (ROI) ☒ YES ☐ NO

Sampling Address:

Phone: ()

City:

State

Zip Code

Fax: ()

Mailing Address:

Phone: ()

City

State

Zip Code

Fax: ()

1. Client: (Company or Individual)

ENV Lab

2. Report to: (if different from above)

CANDIA MULHERN

3. Client Project Name:

RESOURCE RECOVERY

4. Sampled by: (Print)

Greg Torrey

5. Sampled by: (Signature)

[Signature]

6. Report Delivery By: ☐ Mail ☐ Fax ☒ P.U.

Water Sample
Codes (for Item 11)

Container Codes
(for Item 14)

DW - Drinking Water

V - VOA vial

GW - Ground Water

G - Glass

SW - Surface Water

P - Plastic

PW - Processed Water

M - Micro Bag/Cup

WW - Waste Water

O - Other

12.

No. of Containers

13. Preservatives

H

N

P

S

S

C

C

14. Containers

V

P

P

P

P

P

15.

Analyses Requested
APPENDIX I
Fe, Hg, Na, TI, Ammonia, NO3, Cl, TDS

Preservative Codes
(for Item 13)

C - Cool Only
H - Hydrochloric Acid
M - Monochloroacetic Acid
N - Nitric Acid
OH - Sodium Hydroxide
S - Sulfuric Acid
T - Sodium Thiosulfate

Sample Specific Notes:

Verified pH 2 EC 1325 10/30/20

Item	Sample ID / Description	9.		10.		11.					No. of Containers	Analyses							S - Sulfuric Acid T - Sodium Thiosulfate	
		Sample Date	Sample Time	Comp.	Grab	Water (Codes)	Leachate	Soil	Sludge	Other		APPEND	Fe	Hg	Mn	Ti	Ammonia	NO3	Cl	TDS
1.	AD01412 24W-24D	10-30-20	9:27		✓	GW					9	✓	✓	✓	✓	✓	✓	✓	✓	Verified pH 2 EC 1325 10/30/20
2.																				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				



660-105567 Chain of Custody

Loc: 660

105567



660-105567 Chain of Custody

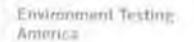
Loc: 660
105567

17. RELINQUISHED BY			DATE		TIME	18. RECEIVED BY			DATE		TIME
1.	<i>[Signature]</i>		10-30-20		13:20	<i>[Signature]</i>			10/30/20		1320
2.	<i>[Signature]</i>		11-3-20		1109	<i>[Signature]</i>			11-3-2020		1109
3.											
4.											

1-2/1-2009

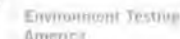
PC 4/30/19

14 13 12 11 10 9 8 7 6 5 4 3 2 1

Ver: 01/16/2019

Environment Testing
America

[illegible]

Ver: 01/16/2019

[illegible]

Environment Testing
America

[illegible]

Ver: 01/16/2019

Page 191 of 221

11/12/2020

Environmental Testing
America

Ver: 01/16/2019

00000000000000000000000000000000

Environment Testing
America

[illegible]

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 104959

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 104959

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/09/20 12:22 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ ($1/4"$).	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105034

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105034

List Number: 2

Creator: Sims, Robert D

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/14/20 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105043

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105043

List Number: 2

Creator: Sims, Robert D

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/14/20 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105045

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105045

List Number: 2

Creator: Sims, Robert D

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/14/20 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105142

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105142

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/16/20 01:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105143

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105143

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/16/20 01:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105211

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Edwards, Erricka

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105211

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/21/20 12:13 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ ($1/4"$).	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105214

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Edwards, Erricka

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105214

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/21/20 12:13 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105215

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Edwards, Erricka

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105215

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/21/20 12:13 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105348

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105348

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/28/20 11:55 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ ($1/4''$).	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105349

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105349

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/28/20 11:55 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105480

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Redding, Charles S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105480

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 10/30/20 12:15 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ ($1/4''$).	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105566

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Edwards, Erricka

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105566

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 11/04/20 11:32 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105567

List Source: Eurofins TestAmerica, Tampa

List Number: 1

Creator: Edwards, Erricka

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pasco Co Board of Commissioners

Job Number: 660-104959-1

Login Number: 105567

List Number: 2

Creator: Mookan, Darmal

List Source: Eurofins TestAmerica, Savannah

List Creation: 11/04/20 11:32 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Pasco County Utilities Environmental Laboratory Report

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Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01410**

Sample ID: 2MW1 @ RESREC

Sample Method: SP

Sample Matrix: AQUEOUS-Groundwater

Date Sampled: 10/30/2020

Date Received: 10/30/2020

Time Sampled: 08:10

Time Received: 13:20

Sampled By:

Received By: EC

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	08:10	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01421**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 11:20
Sampled By:

Sample ID: 2MW2 @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	11:20	GST	DRY	D	Ft.	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01413**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 09:55
Sampled By:

Sample ID: 2MW3A @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	09:55	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01414**

Sample ID: 2MW4 @ RESREC

Sample Method: SP

Sample Matrix: AQUEOUS-Groundwater

Date Sampled: 10/30/2020

Date Received: 10/30/2020

Time Sampled: 10:10

Time Received: 13:20

Sampled By:

Received By: EC

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	10:10	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/13/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00658**
Sample Method: SP
Date Sampled: 10/12/2020
Time Sampled: 13:00
Sampled By: GTORREY

Sample ID: 2MW5 @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/12/2020
Time Received: 14:20
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/12/2020	13:00	GST	DRY	D	Ft.	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01416**

Sample ID: 2MW6 @ RESREC

Sample Method: SP

Sample Matrix: AQUEOUS-Groundwater

Date Sampled: 10/30/2020

Date Received: 10/30/2020

Time Sampled: 10:18

Time Received: 13:20

Sampled By:

Received By: EC

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	10:18	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/12/2020

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00571**
Sample Method: SP
Date Sampled: 10/09/2020
Time Sampled: 11:30
Sampled By: GTORREY

Sample ID: 2MW7 @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/09/2020
Time Received: 14:30
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/09/2020	11:30	GST	DRY	D	Ft	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/12/2020

Class III Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD00574**
Sample Method: SP
Date Sampled: 10/09/2020
Time Sampled: 13:03
Sampled By: GTORREY

Sample ID: 2MW8 @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/09/2020
Time Received: 14:30
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/09/2020	13:03	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/12/2020

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00572**
Sample Method: SP
Date Sampled: 10/09/2020
Time Sampled: 12:40
Sampled By: GTORREY

Sample ID: 2MW9 @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/09/2020
Time Received: 14:30
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/09/2020	12:40	GST	DRY	D	Ft.	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/12/2020

Class III Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD00573**
Sample Method: SP
Date Sampled: 10/09/2020
Time Sampled: 12:50
Sampled By: GTORREY

Sample ID: 2MW10 @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/09/2020
Time Received: 14:30
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/09/2020	12:50	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123

EPA Lab Code: FL00137



Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

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Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/13/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01415**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 10:15
Sampled By:

Sample ID: 2MW13D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	10:15	GST	DRY	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123

EPA Lab Code: FL00137



Pasco County Utilities Environmental Laboratory Report

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD00883**
Sample Method: SP
Date Sampled: 10/16/2020
Time Sampled: 13:23
Sampled By: GTORREY

Sample ID: 2MW15DA @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/16/2020
Time Received: 14:15
Received By:
Delivered By: GTORREY

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Dissolved Oxygen Field	FDEP FT 1500	10/16/2020	13:23	GST	3.43	D	mg/L	0.01
Nitrate (N)	SM18 4500-NO3 F	10/30/2020	10:07	KS	0.37		mg/L	0.04
pH Field	FDEP FT 1100	10/16/2020	13:23	GST	7.38	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/16/2020	13:23	GST	34.13	D	Ft.	0
Temperature Field	FDEP FT 1400	10/16/2020	13:23	GST	25.84	D	Deg C	0.00
Color by Observation	Observation	10/16/2020	13:23	GST	CLEAR	D	ObsColor	0
Nitrite (N)	SM18 4500-NO2 E	10/16/2020	14:40	EC	0.004	U	mg/L	0.004
Turbidity Field	FDEP FT 1600	10/16/2020	13:23	GST	3.7	D	NTU	0.00
Conductivity Field	FDEP FT 1200	10/16/2020	13:23	GST	305	D	umhos/cm	1

Analysis Comments

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XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

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Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01418**

Sample ID: 2MW17S @ RESREC

Sample Method: SP

Sample Matrix: AQUEOUS-Groundwater

Date Sampled: 10/30/2020

Date Received: 10/30/2020

Time Sampled: 10:35

Time Received: 13:20

Sampled By:

Received By: EC

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	10:35	GST	DRY	D	Ft.	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

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Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00928**
Sample Method: SP
Date Sampled: 10/19/2020
Time Sampled: 11:18
Sampled By: GTORREY

Sample ID: 2MW18D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/19/2020
Time Received: 14:10
Received By: LR
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/19/2020	11:18	GST	27.62	D	Ft.	0
pH Field	FDEP FT 1100	10/19/2020	11:18	GST	7.14	D	Std Units	0.10
Nitrite (N)	SM18 4500-NO2 E	10/20/2020	11:50	EC	0.004	U	mg/L	0.004
Color by Observation	Observation	10/19/2020	11:18	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/19/2020	11:18	GST	1.9	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/19/2020	11:18	GST	2.95	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/19/2020	11:18	GST	464	D	umhos/cm	1
Nitrate (N)	SM18 4500-NO3 F	10/30/2020	10:07	KS	0.51		mg/L	0.04
Temperature Field	FDEP FT 1400	10/19/2020	11:18	GST	25.28	D	Deg C	0.00

Analysis Comments

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Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00927**
Sample Method: SP
Date Sampled: 10/19/2020
Time Sampled: 10:27
Sampled By: GTORREY

Sample ID: 2MW19D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/19/2020
Time Received: 14:10
Received By: LR
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Turbidity Field	FDEP FT 1600	10/19/2020	10:27	GST	2.2	D	NTU	0.00
Nitrite (N)	SM18 4500-NO2 E	10/20/2020	11:50	EC	0.004	U	mg/L	0.004
Color by Observation	Observation	10/19/2020	10:27	GST	CLOUDY	D	ObsColor	0
Dissolved Oxygen Field	FDEP FT 1500	10/19/2020	10:27	GST	1.99	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/19/2020	10:27	GST	442	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/19/2020	10:27	GST	25.66	D	Deg C	0.00
pH Field	FDEP FT 1100	10/19/2020	10:27	GST	7.16	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/19/2020	10:27	GST	28.5	D	Ft	0
Nitrate (N)	SM18 4500-NO3 F	10/30/2020	10:07	KS	0.49		mg/L	0.04

Analysis Comments

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State Laboratory ID: E44123

EPA Lab Code: FL00137



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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01272**
Sample Method: SP
Date Sampled: 10/27/2020
Time Sampled: 14:56
Sampled By: GTORREY

Sample ID: 2MW-24S @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/27/2020
Time Received: 15:30
Received By: LR
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/29/2020	08:45	EC	0.004	U	mg/L	0.004
Water Level (NGVD)	DEP-SOP	10/27/2020	14:56	GST	30.69	D	Ft.	0
pH Field	FDEP FT 1100	10/27/2020	14:56	GST	6.87	D	Std Units	0.10
Temperature Field	FDEP FT 1400	10/27/2020	14:56	GST	28.53	D	Deg C	0.00
Conductivity Field	FDEP FT 1200	10/27/2020	14:56	GST	463	D	umhos/cm	1
Dissolved Oxygen Field	FDEP FT 1500	10/27/2020	14:56	GST	3.54	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/27/2020	14:56	GST	11.4	D	NTU	0.00
Color by Observation	Observation	10/27/2020	14:56	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	11/03/2020	13:26	KS	1.95		mg/L	0.04

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01412**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 09:27
Sampled By:

Sample ID: 2MW-24D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
pH Field	FDEP FT 1100	10/30/2020	09:27	GST	7.07	D	Std Units	0.10
Temperature Field	FDEP FT 1400	10/30/2020	09:27	GST	25.06	D	Deg C	0.00
Conductivity Field	FDEP FT 1200	10/30/2020	09:27	GST	522	D	umhos/cm	1
Dissolved Oxygen Field	FDEP FT 1500	10/30/2020	09:27	GST	2.78	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/30/2020	09:27	GST	1.9	D	NTU	0.00
Color by Observation	Observation	10/30/2020	09:27	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	11/03/2020	13:26	KS	1.32		mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/30/2020	14:25	EC	0.004	U	mg/L	0.004
Water Level (NGVD)	DEP-SOP	10/30/2020	09:27	GST	30.39	D	Ft.	0

Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01419**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 11:00
Sampled By:

Sample ID: 2MW-25S @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	11:00	GST	DRY	D	Ft.	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01411**

Sample ID: 2MW-25D @ RESREC

Sample Method: SP

Sample Matrix: AQUEOUS-Groundwater

Date Sampled: 10/30/2020

Date Received: 10/30/2020

Time Sampled: 09:05

Time Received: 13:20

Sampled By:

Received By: EC

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	09:05	GST	DRY	D	Ft.	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01422**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 11:40
Sampled By:

Sample ID: 2MW-26S @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	11:40	GST	DRY	D	Ft.	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/15/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00691**
Sample Method: SP
Date Sampled: 10/13/2020
Time Sampled: 14:12
Sampled By: GTORREY

Sample ID: 2MW-26D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/13/2020
Time Received: 15:10
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/14/2020	14:25	EC	0.004	U	mg/L	0.004
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.33		mg/L	0.04
Color by Observation	Observation	10/13/2020	14:12	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/13/2020	14:12	GST	2.4	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/13/2020	14:12	GST	5.32	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/13/2020	14:12	GST	548	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/13/2020	14:12	GST	27.14	D	Deg C	0.00
pH Field	FDEP FT 1100	10/13/2020	14:12	GST	7.15	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/13/2020	14:12	GST	31.68	D	Ft.	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01420**
Sample Method: SP
Date Sampled: 10/30/2020
Time Sampled: 11:15
Sampled By:

Sample ID: 2MW27S @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/30/2020
Time Received: 13:20
Received By: EC
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/30/2020	11:15	GST	DRY	D	Ft.	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 12/8/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00764**
Sample Method: SP
Date Sampled: 10/14/2020
Time Sampled: 13:48
Sampled By: GTORREY

Sample ID: 2MW27D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/14/2020
Time Received: 14:45
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/15/2020	13:35	EC	0.004	U	mg/L	0.004
pH Field	FDEP FT 1100	10/14/2020	13:48	GST	7.19	D	Std Units	0.10
Temperature Field	FDEP FT 1400	10/14/2020	13:48	GST	21.02	D	Deg C	0.00
Conductivity Field	FDEP FT 1200	10/14/2020	13:48	GST	692	D	umhos/cm	1
Dissolved Oxygen Field	FDEP FT 1500	10/14/2020	13:48	GST	2.96	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/14/2020	13:48	GST	11.5	D	NTU	0.00
Color by Observation	Observation	10/14/2020	13:48	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	10/20/2020	09:55	KS	1.48		mg/L	0.04
Water Level (NGVD)	DEP-SOP	10/14/2020	13:48	GST	33.17	D	Ft.	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/15/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00690**
Sample Method: SP
Date Sampled: 10/13/2020
Time Sampled: 11:47
Sampled By: GTORREY

Sample ID: 4MW1 @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/13/2020
Time Received: 15:10
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Conductivity Field	FDEP FT 1200	10/13/2020	11:47	GST	792	D	umhos/cm	1
Water Level (NGVD)	DEP-SOP	10/13/2020	11:47	GST	35.28	D	Ft.	0
Nitrite (N)	SM18 4500-NO2 E	10/14/2020	14:25	EC	0.004	U	mg/L	0.004
Temperature Field	FDEP FT 1400	10/13/2020	11:47	GST	27.04	D	Deg C	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/13/2020	11:47	GST	2.76	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/13/2020	11:47	GST	3.8	D	NTU	0.00
Color by Observation	Observation	10/13/2020	11:47	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	1.84		mg/L	0.04
pH Field	FDEP FT 1100	10/13/2020	11:47	GST	7.00	D	Std Units	0.10

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 12/8/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD00763**
Sample Method: SP
Date Sampled: 10/14/2020
Time Sampled: 11:38
Sampled By: GT

Sample ID: 4MW2 @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/14/2020
Time Received: 14:45
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Conductivity Field	FDEP FT 1200	10/14/2020	11:38	GST	218	D	umhos/cm	1
Water Level (NGVD)	DEP-SOP	10/14/2020	11:38	GST	11.38	D	Ft.	0
Temperature Field	FDEP FT 1400	10/14/2020	11:38	GST	25.52	D	Deg C	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/14/2020	11:38	GST	2.25	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/14/2020	11:38	GST	1.9	D	NTU	0.00
Color by Observation	Observation	10/14/2020	11:38	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	10/20/2020	09:55	KS	0.90		mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/15/2020	13:35	EC	0.004	U	mg/L	0.004
pH Field	FDEP FT 1100	10/14/2020	11:38	GST	7.60	D	Std Units	0.10

Analysis Comments

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MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards



Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Class III Landfill

Report Date: 11/3/2020

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01271**
Sample Method: SP
Date Sampled: 10/27/2020
Time Sampled: 10:44
Sampled By: GTORREY

Sample ID: 4MW3A @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/27/2020
Time Received: 15:30
Received By: LR
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Temperature Field	FDEP FT 1400	10/27/2020	10:44	GST	24.34	D	Deg C	0.00
pH Field	FDEP FT 1100	10/27/2020	10:44	GST	7.12	D	Std Units	0.10
Conductivity Field	FDEP FT 1200	10/27/2020	10:44	GST	445	D	umhos/cm	1
Dissolved Oxygen Field	FDEP FT 1500	10/27/2020	10:44	GST	2.33	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/27/2020	10:44	GST	2.2	D	NTU	0.00
Color by Observation	Observation	10/27/2020	10:44	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	11/03/2020	13:26	KS	0.04	U	mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/29/2020	08:45	EC	0.004	U	mg/L	0.004
Water Level (NGVD)	DEP-SOP	10/27/2020	10:44	GST	28.82	D	Ft.	0

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State Laboratory ID: E44123

EPA Lab Code: FL00137



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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/20/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00861**
Sample Method: **SP**
Date Sampled: **10/15/2020**
Time Sampled: **10:14**
Sampled By: **GTORREY**

Sample ID: **4MW4 @ RESREC**
Sample Matrix: **AQUEOUS-Groundwater**
Date Received: **10/15/2020**
Time Received: **14:50**
Received By: **TA**
Delivered By: **GT**

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Turbidity Field	FDEP FT 1600	10/15/2020	10:14	GST	3.8	D	NTU	0.00
Water Level (NGVD)	DEP-SOP	10/15/2020	10:14	GST	27.68	D	Ft.	0
pH Field	FDEP FT 1100	10/15/2020	10:14	GST	7.11	D	Std Units	0.10
Temperature Field	FDEP FT 1400	10/15/2020	10:14	GST	25.90	D	Deg C	0.00
Color by Observation	Observation	10/15/2020	10:14	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	10/20/2020	09:55	KS	0.27		mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/16/2020	14:40	EC	0.004	U	mg/L	0.004
Dissolved Oxygen Field	FDEP FT 1500	10/15/2020	10:14	GST	2.74	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/15/2020	10:14	GST	440	D	umhos/cm	1

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CLIENT/SAMPLE INFORMATION

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Resource Recovery

Report Date: 10/15/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00657**
Sample Method: SP
Date Sampled: 10/12/2020
Time Sampled: 12:46
Sampled By: GTORREY

Sample ID: 4MW5 @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/12/2020
Time Received: 14:20
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/13/2020	14:55	EC	0.004	U	mg/L	0.004
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.76		mg/L	0.04
Color by Observation	Observation	10/12/2020	12:46	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/12/2020	12:46	GST	1.2	D	NTU	0.00
Conductivity Field	FDEP FT 1200	10/12/2020	12:46	GST	591	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/12/2020	12:46	GST	24.94	D	Deg C	0.00
pH Field	FDEP FT 1100	10/12/2020	12:46	GST	7.15	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/12/2020	12:46	GST	28.56	D	Ft.	0
Dissolved Oxygen Field	FDEP FT 1500	10/12/2020	12:46	GST	2.48	D	mg/L	0.01

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01172**

Sample ID: 4MW6 @ RESREC

Sample Method: SP

Sample Matrix: AQUEOUS-Groundwater

Date Sampled: 10/23/2020

Date Received: 10/23/2020

Time Sampled: 13:02

Time Received: 14:25

Sampled By: GTORREY

Received By: TA

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Conductivity Field	FDEP FT 1200	10/23/2020	13:02	GST	157	D	umhos/cm	1
Nitrate (N)	SM18 4500-NO3 F	10/30/2020	10:07	KS	0.46		mg/L	0.04
Color by Observation	Observation	10/23/2020	13:02	GST	CLEAR	D	ObsColor	0
Dissolved Oxygen Field	FDEP FT 1500	10/23/2020	13:02	GST	5.29	D	mg/L	0.01
Temperature Field	FDEP FT 1400	10/23/2020	13:02	GST	26.03	D	Deg C	0.00
pH Field	FDEP FT 1100	10/23/2020	13:02	GST	7.87	D	Std Units	0.10
Nitrite (N)	SM18 4500-NO2 E	10/23/2020	14:35	EC	0.004	U	mg/L	0.004
Water Level (NGVD)	DEP-SOP	10/23/2020	13:02	GST	32.52	D	Ft.	0
Turbidity Field	FDEP FT 1600	10/23/2020	13:02	GST	3.9	D	NTU	0.00

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Class III Landfill

Report Date: 10/15/2020

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00570**
Sample Method: SP
Date Sampled: 10/09/2020
Time Sampled: 10:20
Sampled By: GTORREY

Sample ID: 4MW7 @ Res Rec
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/09/2020
Time Received: 14:30
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/09/2020	14:50	EC	0.004	U	mg/L	0.004
Color by Observation	Observation	10/09/2020	10:20	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/09/2020	10:20	GST	2.1	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/09/2020	10:20	GST	2.74	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/09/2020	10:20	GST	366	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/09/2020	10:20	GST	25.72	D	Deg C	0.00
Water Level (NGVD)	DEP-SOP	10/09/2020	10:20	GST	29.32	D	Ft.	0
pH Field	FDEP FT 1100	10/09/2020	10:20	GST	7.20	D	Std Units	0.10
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.72		mg/L	0.04

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Res Rec

Hays Road

Shady Hills, Fl

Report Date: 10/15/2020

John Power

Sample Number: **AD00554**
Sample Method: SP
Date Sampled: 10/08/2020
Time Sampled: 14:00
Sampled By: GTORREY

Sample ID: 4MW8 @ RES REC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/08/2020
Time Received: 14:40
Received By: TS
Delivered By: GT

REPORT OF ANALYSES

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Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/08/2020	14:00	GST	31.62	D	Ft.	0
Color by Observation	Observation	10/08/2020	14:00	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/08/2020	14:00	GST	1.7	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/08/2020	14:00	GST	1.83	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/08/2020	14:00	GST	389	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/08/2020	14:00	GST	25.52	D	Deg C	0.00
pH Field	FDEP FT 1100	10/08/2020	14:00	GST	7.13	D	Std Units	0.10
Nitrite (N)	SM18 4500-NO2 E	10/09/2020	14:50	EC	0.004	U	mg/L	0.004
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.04	U	mg/L	0.04

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State Laboratory ID: E44123

EPA Lab Code: FL00137



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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Pasco County Res Rec

Report Date: 10/15/2020

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00492**
Sample Method: SP
Date Sampled: 10/07/2020
Time Sampled: 10:14
Sampled By: GTORREY

Sample ID: 4MW9 @ CLASS III
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/07/2020
Time Received: 14:30
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/08/2020	14:45	EC	0.004	U	mg/L	0.004
Color by Observation	Observation	10/07/2020	10:14	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/07/2020	10:14	GST	1.2	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/07/2020	10:14	GST	2.14	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/07/2020	10:14	GST	444	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/07/2020	10:14	GST	25.56	D	Deg C	0.00
pH Field	FDEP FT 1100	10/07/2020	10:14	GST	7.12	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/07/2020	10:14	GST	29.83	D	Ft.	0
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.52		mg/L	0.04

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/20/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00862**
Sample Method: SP
Date Sampled: 10/15/2020
Time Sampled: 14:02
Sampled By: GTORREY

Sample ID: 4MW11D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/15/2020
Time Received: 14:50
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Water Level (NGVD)	DEP-SOP	10/15/2020	14:02	GST	31.97	D	Ft.	0
pH Field	FDEP FT 1100	10/15/2020	14:02	GST	7.32	D	Std Units	0.10
Temperature Field	FDEP FT 1400	10/15/2020	14:02	GST	25.66	D	Deg C	0.00
Conductivity Field	FDEP FT 1200	10/15/2020	14:02	GST	383	D	umhos/cm	1
Dissolved Oxygen Field	FDEP FT 1500	10/15/2020	14:02	GST	3.79	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/15/2020	14:02	GST	1.8	D	NTU	0.00
Color by Observation	Observation	10/15/2020	14:02	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	10/20/2020	09:55	KS	0.85		mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/16/2020	14:40	EC	0.004	U	mg/L	0.004

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD01142**
Sample Method: SP
Date Sampled: 10/22/2020
Time Sampled: 11:17
Sampled By: GTORREY

Sample ID: 4MW12D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/22/2020
Time Received: 15:00
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrate (N)	SM18 4500-NO3 F	10/30/2020	10:07	KS	0.67		mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/23/2020	14:35	EC	0.004	U	mg/L	0.004
pH Field	FDEP FT 1100	10/22/2020	11:17	GST	7.20	D	Std Units	0.10
Color by Observation	Observation	10/22/2020	11:17	GST	CLEAR	D	ObsColor	0
Water Level (NGVD)	DEP-SOP	10/22/2020	11:17	GST	30.69	D	Ft.	0
Turbidity Field	FDEP FT 1600	10/22/2020	11:17	GST	3.2	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/22/2020	11:17	GST	2.35	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/22/2020	11:17	GST	384	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/22/2020	11:17	GST	26.13	D	Deg C	0.00

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EPA Lab Code: FL00137



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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01140**
Sample Method: SP
Date Sampled: 10/22/2020
Time Sampled: 10:02
Sampled By: GTORREY

Sample ID: 4MW14D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/22/2020
Time Received: 15:00
Received By: TA
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrate (N)	SM18 4500-NO3 F	10/30/2020	10:07	KS	0.62		mg/L	0.04
Color by Observation	Observation	10/22/2020	10:02	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/22/2020	10:02	GST	2.2	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/22/2020	10:02	GST	2.70	D	mg/L	0.01
Nitrite (N)	SM18 4500-NO2 E	10/23/2020	14:35	EC	0.004	U	mg/L	0.004
Conductivity Field	FDEP FT 1200	10/22/2020	10:02	GST	375	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/22/2020	10:02	GST	27.16	D	Deg C	0.00
pH Field	FDEP FT 1100	10/22/2020	10:02	GST	7.24	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/22/2020	10:02	GST	31.04	D	Ft.	0

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Landfill

Hays Road

Shady Hills, FL

Report Date: 10/15/2020

John Power

Sample Number: **AD00553**
Sample Method: SP
Date Sampled: 10/08/2020
Time Sampled: 10:30
Sampled By: GTORREY

Sample ID: 4MW21 @ RES REC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/08/2020
Time Received: 14:40
Received By: TS
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrite (N)	SM18 4500-NO2 E	10/09/2020	14:50	EC	0.004	U	mg/L	0.004
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.08	I	mg/L	0.04
Color by Observation	Observation	10/08/2020	10:30	GST	CLEAR	D	ObsColor	0
Turbidity Field	FDEP FT 1600	10/08/2020	10:30	GST	3.3	D	NTU	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/08/2020	10:30	GST	2.20	D	mg/L	0.01
Conductivity Field	FDEP FT 1200	10/08/2020	10:30	GST	472	D	umhos/cm	1
Temperature Field	FDEP FT 1400	10/08/2020	10:30	GST	25.83	D	Deg C	0.00
pH Field	FDEP FT 1100	10/08/2020	10:30	GST	7.00	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/08/2020	10:30	GST	31.51	D	Ft.	0

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MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards



Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Landfill

Hays Road

Shady Hills, FL

Report Date: 10/15/2020

John Power

Sample Number: **AD00493**
Sample Method: **SP**
Date Sampled: **10/07/2020**
Time Sampled: **11:08**
Sampled By: **G TORREY**

Sample ID: **4MW22**
Sample Matrix: **AQUEOUS-Groundwater**
Date Received: **10/07/2020**
Time Received: **14:30**
Received By: **TA**
Delivered By: **GT**

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Conductivity Field	FDEP FT 1200	10/07/2020	11:08	GST	144	D	umhos/cm	1
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	6.33		mg/L	0.04
Nitrite (N)	SM18 4500-NO2 E	10/08/2020	14:45	EC	0.004	U	mg/L	0.004
Color by Observation	Observation	10/07/2020	11:08	GST	CLEAR	D	ObsColor	0
Dissolved Oxygen Field	FDEP FT 1500	10/07/2020	11:08	GST	5.86	D	mg/L	0.01
Temperature Field	FDEP FT 1400	10/07/2020	11:08	GST	25.89	D	Deg C	0.00
pH Field	FDEP FT 1100	10/07/2020	11:08	GST	5.26	D	Std Units	0.10
Water Level (NGVD)	DEP-SOP	10/07/2020	11:08	GST	29.84	D	Ft.	0
Turbidity Field	FDEP FT 1600	10/07/2020	11:08	GST	1.7	D	NTU	0.00

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123

EPA Lab Code: FL00137



Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Landfill

Report Date: 10/15/2020

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD00552**
Sample Method: SP
Date Sampled: 10/08/2020
Time Sampled: 09:18
Sampled By: GTORREY

Sample ID: 4MW23 @ RES REC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/08/2020
Time Received: 14:40
Received By: TS
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Nitrate (N)	SM18 4500-NO3 F	10/14/2020	11:32	KS	0.04	U	mg/L	0.04
Turbidity Field	FDEP FT 1600	10/08/2020	09:18	GST	6.1	D	NTU	0.00
Water Level (NGVD)	DEP-SOP	10/08/2020	09:18	GST	29.19	D	Ft.	0
pH Field	FDEP FT 1100	10/08/2020	09:18	GST	7.24	D	Std Units	0.10
Temperature Field	FDEP FT 1400	10/08/2020	09:18	GST	25.46	D	Deg C	0.00
Dissolved Oxygen Field	FDEP FT 1500	10/08/2020	09:18	GST	2.50	D	mg/L	0.01
Color by Observation	Observation	10/08/2020	09:18	GST	CLEAR	D	ObsColor	0
Nitrite (N)	SM18 4500-NO2 E	10/09/2020	14:50	EC	0.004	U	mg/L	0.004
Conductivity Field	FDEP FT 1200	10/08/2020	09:18	GST	552	D	umhos/cm	1

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards



Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD01365**
Sample Method: SP
Date Sampled: 10/29/2020
Time Sampled: 14:02
Sampled By: GTORREY

Sample ID: 4MW27D @ RESREC
Sample Matrix: AQUEOUS-Groundwater
Date Received: 10/29/2020
Time Received: 15:25
Received By: TS
Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
pH Field	FDEP FT 1100	10/29/2020	15:02	GST	7.53	D	Std Units	0.10
Nitrite (N)	SM18 4500-NO2 E	10/30/2020	14:25	EC	0.004	U	mg/L	0.004
Temperature Field	FDEP FT 1400	10/29/2020	15:02	GST	27.03	D	Deg C	0.00
Conductivity Field	FDEP FT 1200	10/29/2020	15:02	GST	275	D	umhos/cm	1
Dissolved Oxygen Field	FDEP FT 1500	10/29/2020	15:02	GST	3.59	D	mg/L	0.01
Turbidity Field	FDEP FT 1600	10/29/2020	15:02	GST	1.7	D	NTU	0.00
Color by Observation	Observation	10/29/2020	15:02	GST	CLEAR	D	ObsColor	0
Nitrate (N)	SM18 4500-NO3 F	11/03/2020	13:26	KS	0.04	U	mg/L	0.04
Water Level (NGVD)	DEP-SOP	10/29/2020	15:02	GST	32.78	D	Ft.	0

Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards

QTR IV 2020.xlsx

Well Data						Field Analysis							Labworks	Lab Analysis						
WELL I.D.	DATE	SAMPLE TIME 24hr.	T.O.P. ELEV. (ft)	STATIC WATER LEVEL (ft)	N.G.V.D (ft)	pH (S.U.)	TEMP (°C)	COND (µS/cm)	D.O. (mg/L)	TURB (NTU)	Color (Observed)	Analyst	LIMS ID	CL ⁻ (mg/L)	TDS (mg/L)	NH3-N (mg/L)	NO3 (mg/L)	Fe (µg/L)	Hg (µg/L)	Na+ (µg/L)
2MW1	30-Oct	810	49.95	DRY								GT	ad01410							
2MW2	10/30/	1120	56.41	DRY								GT	ad01421							
2MW3	30-Oct	955	50.01	DRY								GT	ad01413							
2MW4	30-Oct	1010	54.77	DRY								GT	ad01414							
2MW5	12-Oct	1300	49.17	DRY								GT	ad00658							
2MW6	30-Oct	1018	56.11	DRY								GT	ad01416							
2MW7	9-Oct	1130	52.75	DRY								GT	ad00571							
2MW8	9-Oct	1303	51.97	DRY								GT	ad00574							
2MW9	10-Jan	1240	52.29	DRY								GT	ad00572							
2MW10	9-Oct	1250	52.63	DRY								GT	ad00573							
2MW13D	10/30/	1021	54.04	DRY								GT	ad01417							
2MW15AD	16-Oct	1323	54.71	20.58	34.13	7.38	25.84	305	3.43	3.7	clear	GT	ad00883							
2MW17S	30-Oct	1035	53.42	DRY								GT	ad01417							
2MW18D	19-Oct	1118	52.75	25.13	27.62	7.18	25.28	464	2.95	1.9	clear	GT	ad00928							
2MW19D	19-Oct	1027	52.25	23.75	23.50	7.16	25.66	442	1.99	2.2	cloudy	GT	ad00927							
2MW24D	30-Oct	927	50.55	20.16	30.39	7.07	25.06	522	2.78	1.9	clear	GT	ad01412							
2MW24S	27-Oct	1456	50.37	19.78	30.59	6.87	28.53	463	3.54	11.4	clear	GT	ad01272							
2MW25D	30-Oct	905	47.87	DRY								GT	ad01414							
2MW25S	30-Oct	1100	47.84	DRY								GT	ad01419							
2MW26D	13-Oct	1412	54.13	22.45	31.68	7.15	27.14	548	5.32	2.4	clear	GT	ad00691							
2MW26S	30-Oct	1140	54.16	DRY								GT	ad01422							
2MW27D	14-Oct	1348	50.32	17.5	33.17	7.19	21.02	692	2.96	11.5	clear	GT	AD00764							
2MW27S	30-Oct	1115	50.44	DRY								GT	ad01420							
4MW1	13-Oct	1147	50.34	15.06	35.28	7.00	27.04	792	2.76	3.8	clear	GT	ad00690							
4MW2	14-Oct	1138	56.11	20.72	35.39	7.60	25.52	218	2.25	1.9	clear	GT	ad00763							
4MW3A	27-Oct	1044	52.92	24.1	28.82	7.12	24.34	445	2.33	2.2	clear	GT	ad01271							
4MW4	15-Oct	1014	50.81	23.13	27.68	7.11	25.90	440	2.74	3.8	clear	GT	ad00861							
4MW5	12-Oct	1246	49.06	20.5	28.56	7.15	24.94	591	2.48	1.2	clear	GT	ad00657							
4MW6	23-Oct	1302	55.93	23.43	32.52	7.87	26.03	157	5.29	3.7	clear	GT	ad01172							
4MW7	9-Oct	1020	52.62	23.3	29.32	7.20	25.72	366	2.74	2.1	clear	GT	ad00570							

Well Data						Field Analysis							Labworks	Lab Analysis						
WELL I.D.	DATE	SAMPLE TIME 24hr.	T.O.P. ELEV. (ft)	STATIC WATER LEVEL (ft)	N.G.V.D (ft)	pH (S.U.)	TEMP (°C)	COND (µS/cm)	D.O. (mg/L)	TURB (NTU)	Color (Observed)	Analyst	LIMS ID	CL ⁻ (mg/L)	TDS (mg/L)	NH3-N (mg/L)	NO3 (mg/L)	Fe (µg/L)	Hg (µg/L)	Na+ (µg/L)
4MW8	8-Oct	1400	51.87	20.25	31.62	7.13	25.52	389	1.83	1.7	cler	GT	AD00554							
4MW9	7-Oct	1014	52.78	22.95	29.83	7.12	25.56	444	2.14	1.20	clear	GT	ad00492							
4MW11D	15-Oct	14022	65.00	33.03	31.97	7.32	25.66	383	3.79	1.80	clear	GT	ad00862							
4MW12D	15-Oct	1402	55.03	33.02	31.97	7.32	25.66	383	3.79	1.8	clear	GT	AD00862							
4MW13D	22-Oct	1015	52.39	DRY								GT	ad01141							
4MW14D	22-Oct	1002	52.00	20.96	31.04	7.24	27.16	375	2.70	2.20	Clear	GT	ad01140							
4MW21	8-Oct	1030	51.46	19.95	31.51	7.00	25.83	472	2.20	3.3	clear	GT	AD00553							
4MW23	8-Oct	918	53.69	25.50	29.19	7.24	25.46	552	2.50	6.1	clear	GT	AD00552							
4MW22	7-Oct	1108	53.44	23.60	29.84	5.26	25.89	144	5.86	1.70	clear	GT	ad00493							
4MW27	16-Oct	1132	49.60	16.45	33.15	7.29	25.36	602	5.62	3.3	clear	GT	ad00882							
4MW27D	29-Oct	1402	49.28	16.5	32.78	7.53	27.03	275	3.59	7.7	clear	GT	ad01365							

BILLING DATE:			SAMPLE TIME:			MILEAGE:						
AMBIENT FIELD CONDITIONS												
METER:			CALIBRATION DATE:									
PRESERVATIVES		PURGING EQUIPMENT: Bladder pump and Micro Purge MP-50 QED compressor										
TYPE	LOT #											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	2381	SAMPLE ID:	2MW-1	SAMPLE DATE:	October 30, 2020

PURGING DATA

WELL DIAMETER(INCHES)	(INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2"	1/2"	8.5 - 18.5	49.95	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	20.00	STATIC WATER:	DRY	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	
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EQUIPMENT VOLUME PURGE (only fill out if applicable)	
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PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	14.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	TUBING DEPTH IN WELL (FEET):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (GALLONS):
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14.00	14.00			
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
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[illegible]

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8"=0.0006; 3/16"=0.0014; 1/4"=0.0026; 5/16"=0.004; 3/8"=0.006; 1/2"=0.010; 5/8"=0.016

SAMPLING DATA

SAMPLED BY/AFFILIATION	GTORREY - Pasco County Environmental Laboratory	SAMPLER SIGNATURE:	SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
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Pump or tubing depth in well	14.00	RATE (ML/MIN.):	TUBING MATERIAL CODE:	PE/T
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DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):		DUPLICATE	NO
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SAMPLE CONTAINER SPECIFICATION AND PRESERVATION	INTENDED ANALYSIS	BOTTLE	EQUIP.
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Sample ID:	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	CODE:
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	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP
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	1	HDPE	250 ml	Wet Ice	None		Chlorides	Eurofins Bottle	BP
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	2	HDPE	250 ml	H2SO4	2.0 1:1	<2	Ammonia/: NO3	Eurofins Bottle	BP
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	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP
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3	CG	40 ml	HCl	25/1:1	<2	App I VOCs	Eurofins Bottle	BP
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3	CG	40 mls	Wet Ice	None		8011-FDB, DBCP	Eurofins Bottle	BP
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[illegible]

NGVD:	DRY	LAB SAMPLE ID #:ad-1410
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MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING **APP**=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump

EQUIPMENT CODES: **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3)

pH: +/- 0.2 units **Temperature:** +/- 0.2 C **Specific Conductance:** +/-5% **Dissolved Oxygen:** all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) **Turbidity:** all readings <20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	19671		SAMPLE ID:	2MW-3A	SAMPLE DATE:	October 30, 2020					
PURGING DATA											
DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:			
2	1/2"		9.5 - 14.5			50.01		BP			
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	13.00	STATIC WATER:	DRY		GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=				
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	7.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
7.00		7.00									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0955				DRY							
WELL CAPACITY (Gallons Per Foot): 0.75" =0.02; 1" =0.04; 1.25" =0.06; 2" =0.16; 3" =0.37; 4" =0.65; 5" =1.02; 6" =1.47; 12" =5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" =0.0006; 3/16" =0.0014; 1/4" =0.0026; 5/16" =0.004; 3/8" =0.006; 1/2" =0.010; 5/8" =0.016											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:		SAMPLING		SAMPLING			
Pump or tubing depth in well	7.00		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle		
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle		
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle		
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle		
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle		
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle		
NGVD:	DRY		LAB SAMPLE ID #:ad01413								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

[illegible]

NGVD:	DRY	LAB SAMPLE ID #:ad01414
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)		
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.		

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	2385			SAMPLE ID:	2MW-6		SAMPLE DATE:	October 30, 2020			
PURGING DATA											
DIAMETER(INCHES)		TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
2		1/2"		18			56.11		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	25'	STATIC WATER:	DRY		GALLONS / FOOT:	0.16		1 WELL VOLUME(gals)=			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):		0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	19.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
19.00		19.00									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1018				DRY							
WELL CAPACITY (Gallons Per Foot): 0.75" =0.02; 1" =0.04; 1.25" =0.06; 2" =0.16; 3" =0.37; 4" =0.65; 5" =1.02; 6" =1.47; 12" =5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" =0.0006; 3/16" =0.0014; 1/4" =0.0026; 5/16" =0.004; 3/8" =0.006; 1/2" =0.010; 5/8" =0.016											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County Environmental Laboratory			SAMPLER SIGNATURE:			SAMPLING INITIATED:	SAMPLING ENDED AT:		
Pump or tubing depth in well		19.00		RATE (ML/MIN.):			TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:		NO		FIELD FILTERED:		NO	FILTER SIZE (UM):		DUPLICATE	NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD: DRY LAB SAMPLE ID #: ad01416											
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER SAMPLING/PURGING: APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C. 2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3) pH: +/- 0.2 units Temperature: +/- 0.2 C Specific Conductance: +/-5% Dissolved Oxygen: all readings <= 20% saturation (see Table FS 2200-2) optionally, +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings <20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)											

SAMPLING DATA	
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[illegible]

NGVD:	DRY	LAB SAMPLE ID #:ad00571
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER SAMPLING/PURGING APP =After Peristaltic Pump; B =Bailer; BP =Bladder Pump; ESP =Electric Submersible Pump; PP =Peristaltic Pump EQUIPMENT CODES: RFPP =Reverse Flow Peristaltic Pump; SM =Straw Method(Tube Gravity Drain); VT =Vacuum Trap; O =Other(Specify)		
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C. 2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3) pH: +/- 0.2 units Temperature: +/- 0.2 C Specific Conductance: +/-5% Dissolved Oxygen: all readings <= 20% saturation (see Table FS 2200-2) optionally, +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings <20 NTU; optionally+/- 5NTU or +/- 10% (whichever is greater)		

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	2344			SAMPLE ID:	2MW-8	SAMPLE DATE:	October 9, 2020				
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
2	1/2"		7.0 - 12.0				51.97		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	18.00	STATIC WATER:	DRY		GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=				
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	10.70	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
10.70		10.70									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1303				DRY							
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County Environmental Laboratory			SAMPLER SIGNATURE:		SAMPLING INITIATED AT:		SAMPLING ENDED AT:		
Pump or tubing depth in well		10.70		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:		NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP		
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle	BP		
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle	BP		
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP		
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle	BP		
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle	BP		
NGVD:	DRY		LAB SAMPLE ID #:ad00574								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
SAMPLING/PURGING APP =After Peristaltic Pump; B =Bailer; BP =Bladder Pump; ESP =Electric Submersible Pump; PP =Peristaltic Pump EQUIPMENT CODES: RFPP =Reverse Flow Peristaltic Pump; SM =Straw Method(Tube Gravity Drain); VT =Vacuum Trap; O =Other(Specify)											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											
2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3)											
pH: +/- 0.2 units Temperature: +/- 0.2 C Specific Conductance: +/-5% Dissolved Oxygen: all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings <20 NTU; optionally+/- 5NTU or +/- 10% (whichever is greater)											

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	2345	SAMPLE ID:	2MW-9	SAMPLE DATE:	October 9, 2020

PURGING DATA

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1½"	4.0 - 11.0	52.29	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	11.00	STATIC WATER:	DRY	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	
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EQUIPMENT VOLUME PURGE (only fill out if applicable)	
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PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	5.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	TUBING DEPTH IN WELL (FEET):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (GALLONS):

5.00	5.00			
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
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[illegible]

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88

SAMPLING DATA

SAMPLED BY/AFFILIATION	GTORREY - Pasco County Environmental Laboratory	SAMPLER SIGNATURE:	SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
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Pump or tubing depth in well	5.00	RATE (ML/MIN.):	TUBING MATERIAL CODE:	PE/T
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FIELD DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):		DUPLICATE	NO
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SAMPLE CONTAINER SPECIFICATION AND PRESERVATION		BOTTLE	EQUIP. CODE:
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Sample ID:	# of Confs.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES
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	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP
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	1	HDPE	250 ml	Wet Ice	None		Chlorides	Eurofins Bottle	BP
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1	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/ NO3	Eurofins Bottle	BP
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	2	HDPE	250 ml	H2SO4	2.0 1:1	<2	Ammonia, NO3	Eurofins Bottle	BI
	1	HDPE	250 ml	HNO3	2.5 1:1	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP

	1	HDPE	250 mls	H2O2	.25/1:1	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle	BP

	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle	BP
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NGVD:	DRY	LAB SAMPLE ID #:ad00572
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MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING EQUIPMENT CODES: **APP**=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump; **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3)

pH: +/- 0.2 units **Temperature:** +/- 0.2 C **Specific Conductance:** +/-5% **Dissolved Oxygen:** all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) **Turbidity:** all readings <20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

SAMPLING DATA

SAMPLED BY/AFFILIATION		GTORREY - Pasco County Environmental Laboratory			SAMPLER SIGNATURE:			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Pump or tubing depth in well		6.00		RATE (ML/MIN.):				TUBING MATERIAL CODE:			PE/T
DECONTAMINATION:		NO	FIELD FILTERED:			NO	FILTER SIZE (UM):			DUPLICATE	NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD	BOTTLE		EQUIP. CODE:	
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH		DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

pH: +/- 0.2 units **Temperature:** +/- 0.2 C **Specific Conductance:** +/-5% **Dissolved Oxygen:** all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) **Turbidity:** all readings <20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

[illegible]

NGVD:	DRY	LAB SAMPLE ID #:ad01417
DRY SAMPLING/PURGING APP =After Peristaltic Pump; B =Bailer; BP =Bladder Pump; ESP =Electric Submersible Pump; PP =Peristaltic Pump EQUIPMENT CODES: RFPP =Reverse Flow Peristaltic Pump; SM =Straw Method(Tube Gravity Drain); VT =Vacuum Trap; O =Other(Specify)		
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C. 2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3) pH: +/- 0.2 units Temperature: +/- 0.2 C Specific Conductance: +/-5% Dissolved Oxygen: all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings <20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)		

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	19766			SAMPLE ID:	2MW-15DA	SAMPLE DATE:	October 16, 2020				
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:			
2	1/2"		34.0 - 44.0			54.71		BP			
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	44.50	STATIC WATER:	20.58	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=			3.82		
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.30	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
30.30		30.30		1245		1321		12.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1245	0.00	0.00	0.00	20.58	7.28	27.19	330	3.24	8.6	cloudy	mild
1257	4.00	4.00	0.33	20.63	7.37	26.35	304	3.02	6.5	clear	mild
1309	4.00	8.00	0.33	20.61	7.35	26.22	307	3.34	3.3	clear	mild
1321	4.00	12.00	0.33	20.61	7.38	25.84	305	3.43	3.7	clear	mild
***WATER LEVEL IS BELOW TOP OF PUMP.											
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8"=0.0006; 3/16"=0.0014; 1/4"=0.0026; 5/16"=0.004; 3/8"=0.006; 1/2"=0.010; 5/8"=0.016											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County Environmental Laboratory			SAMPLER SIGNATURE:		SAMPLING INITIATED AT:	1323	SAMPLING ENDED AT:	1326	
Pump or tubing depth in well	30.30		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle		
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle		
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle		
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle		
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle		
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle		
NGVD:	34.13		ad00883								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											
2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3)											
pH: +/- 0.2 units Temperature: +/- 0.2 C Specific Conductance: +/-5% Dissolved Oxygen: all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings <20 NTU; optionally+/- 5NTU or +/- 10% (whichever is greater)											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	19758			SAMPLE ID:	2MW17S		SAMPLE DATE:	October 30, 2020			
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
2	1/2"		23.0 - 38.0				53.42		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	41.00	STATIC WATER:	DRY		GALLONS / FOOT:	0.16		1 WELL VOLUME(gals)=			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	35.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
35.00		35.00									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1035				DRY							
***WATER LEVEL IS BELOW TOP OF PUMP.											
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8"=0.0006; 3/16"=0.0014; 1/4"=0.0026; 5/16"=0.004; 3/8"=0.006; 1/2"=0.010; 5/8"=0.016											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County Environmental Laboratory			SAMPLER SIGNATURE:			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Pump or tubing depth in well	35.00		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO	FIELD FILTERED:		NO	FILTER SIZE (UM):			DUPLICATE	NO		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle		BP
NGVD:	DRY		LAB SAMPLE ID #:ad01418								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											
2. Stabilization Criteria For Range Of Variation Of Last Three Consecutive Readings (See FS 2212, Section 3)											
pH: +/- 0.2 units Temperature: +/- 0.2 C Specific Conductance: +/-5% Dissolved Oxygen: all readings <= 20% saturation (see Table FS 2200-2) optionally, +/- 0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings <20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.			
WELL NO.	19759	SAMPLE ID:	2MW18D	SAMPLE DATE:	October 19, 2020	

PURGING DATA

DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1/2"	25.0 - 40.0	52.75	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	40.00	STATIC WATER:	25.13	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	2
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EQUIPMENT VOLUME PURGE (only fill out if applicable)

PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	34.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	34.00	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	34.00	PURGING INITIATED AT:	1058	PURGING ENDED AT:	1116	TOTAL VOLUME PURGED (GALLONS):	6.00
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1058	0.00	0.00	0.00	25.13	7.1	26.91	470	3.73	2.7	cloudy	mild
1104	2.00	2.00	0.33	NA	7.08	25.61	465	2.70	2.9	clear	mild
1110	2.00	4.00	0.33	NA	7.09	25.39	460	2.81	3.9	clear	mild
1116	2.00	6.00	0.33	NA	7.18	25.28	464	2.95	1.9	clear	mild

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88**SAMPLING DATA**

SAMPLED BY/AFFILIATION	GTORREY - Pasco County		SAMPLER SIGNATURE:		SAMPLIN	1118	SAMPLING	1121
Pump or tubing depth in well	34.00	RATE (ML/MIN.):		TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO	FIELD FILTERED:		NO	FILTER SIZE (UM):		DUPLICATE	NO

SAMPLE CONTAINER SPECIFICATION AND PRESERVATION

Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	BOTTLE DATE	SERIES	EQUIP. CODE:
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP

NGVD:	27.62	LAB SAMPLE ID #:	ad00928
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MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

EQUIPMENT CODES:

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	19764		SAMPLE ID:	2MW19D	SAMPLE DATE:	October 19, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
2	1/2"		45.0 - 55.0				52.25		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	55.00	STATIC WATER:	23.75	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=			5		
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.60	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
30.60		30.60		0940		1025		15.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0940	0.00	0.00	0.00	23.75	7.47	26.21	392	4.5	3.8	clear	mild
0955	5.00	5.00	0.33	23.75	7.20	25.79	447	2.35	12.9	clear	mild
1010	5.00	10.00	0.33	23.77	7.15	25.67	445	2.43	8.4	cloudy	mild
1025	5.00	15.00	0.33	23.77	7.16	25.66	442	1.99	2.2	cloudy	mild
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1027	SAMPLING	1030
Pump or tubing depth in well		30.60		RATE (ML/MIN.):			TUBING MATERIAL CODE:			PE/T	
DECONTAMINATION:		NO		FIELD FILTERED:			NO		FILTER SIZE (UM):		DUPLICATE
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	28.50	LAB SAMPLE ID #:ad00927									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											

APP=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump
SAMPLING/PURGING **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)
EQUIPMENT CODES:

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	23443	SAMPLE ID:	2MW-24S	SAMPLE DATE:	

PURGING DATA	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1/2"	11.0 - 26.0	50.37	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	26.00	STATIC WATER:		GALLONS/ FOOT:	0.16	1 WELL VOLUME(gals)=	
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EQUIPMENT VOLUME PURGE (only fill out if applicable)	
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PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	20.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (GALLONS):
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20	20.00			
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
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***WATER LEVEL IS BELOW TOP OF PUMP.

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88

SAMPLING DATA

SAMPLED BY/AFFILIATION	GTORREY - Pasco County	SAMPLER SIGNATURE:	SAMPLING		SAMPLING	
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Pump or tubing depth in well	20.00	RATE (ML/MIN.):		TUBING MATERIAL CODE:	PE/T
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DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):		DUPLICATE	NO
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SAMPLE CONTAINER SPECIFICATION AND PRESERVATION		BOTTLE	EQUIP.
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Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	CODE:
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	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP
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	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle	BP
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	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle	BP
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	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP
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	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle	BP
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	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle	BP
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NGVD:		LAB SAMPLE ID #:								

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

APP=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump

SAMPLING/PURGING **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)

EQUIPMENT CODES:

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	23444		SAMPLE ID:	2MW-24D	SAMPLE DATE:	October 30, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:			
2	1/2"		34.0 - 44.0			50.55		BP			
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	44.00	STATIC WATER:	20.16	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=		3.8			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	35.20	FLOW CELL VOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
35.20		35.20		0849		0925		12.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0849	0.00	0.00	0.00	20.16	7.89	26.42	623	5.18	18.3	cloudy	mild
0901	4.00	4.00	0.33	20.21	6.82	24.86	517	2.90	4.3	clear	mild
0913	4.00	8.00	0.33	20.21	7.04	24.89	523	2.84	2.1	clear	mild
0925	4.00	12.00	0.33	20.22	7.07	25.06	522	2.78	1.9	clear	mild
***WATER LEVEL IS BELOW TOP OF PUMP.											
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	927	SAMPLING	930	
Pump or tubing depth in well	35.20		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE NO		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	30.39		LAB SAMPLE ID #:ad01412								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	HAYS RD		
WELL NO.	23446	SAMPLE ID:	2MW-25D	SAMPLE DATE:	October 30, 2020

PURGING DATA	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1½"	17.0 - 32.0	47.87	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	32.00	STATIC WATER:	DRY	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	
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EQUIPMENT VOLUME PURGE (only fill out if applicable)	
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PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	26.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (GALLONS):
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26.00	26.00			
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
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0905				DRY							
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[illegible][illegible][illegible][illegible][illegible]

***WATER LEVEL IS BELOW TOP OF PUMP.

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88

SAMPLING DATA

SAMPLED BY/AFFILIATION	GTORREY - Pasco County	SAMPLER SIGNATURE:	SAMPLING		SAMPLING	
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Pump or tubing depth in well	26.00	RATE (ML/MIN.):	TUBING MATERIAL CODE:	PE/T
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DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):		DUPLICATE	NO
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SAMPLE CONTAINER SPECIFICATION AND PRESERVATION		BOTTLE	EQUIP.
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Sample ID:	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	CODE:
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	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP
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	1	HDPE	250 ml	Wet Ice	None		Chlorides	Eurofins Bottle	BP
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	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle	BP
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	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP
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	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle	BP
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	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle	BP
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[illegible]

NGVD:	DRY ad 01411
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MATERIAL CODES: **AG**=AMBER GLASS; **CG**=CLEAR GLASS; **PE**=POLYETHYLENE; **PP**=POLYPROPYLENE; **S**=SILICONE; **T**=TEFLON; **O**=OTHER

APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

SAMPLING/PURGING **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)

EQUIPMENT CODES:

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	23445			SAMPLE ID:	2MW-25S	SAMPLE DATE:	October 30, 2020				
WELL DIAMETER(INCHES)											
TUBING DIAM (INCHES)											
WELL SCREEN INTERVAL DEPTH: ft to ft											
TOP Elevation (NGVD)											
PUMP TYPE OR BAILER:											
2											
1/2"											
4.5 - 14.5											
47.84											
BP											
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	14.50	STATIC WATER:	DRY		GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=				
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	8.50	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
8.50		8.50									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1100				DRY							
***WATER LEVEL IS BELOW TOP OF PUMP.											
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County			SAMPLER SIGNATURE:		SAMPLING		SAMPLING		
Pump or tubing depth in well		8.50		RATE (ML/MIN.):		TUBING MATERIAL CODE:		PE/T			
DECONTAMINATION:		NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	DRY		LAB SAMPLE ID #:ad01419								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	23448			SAMPLE ID:	2MW-26D		SAMPLE DATE:	October 13, 2020			
PURGING DATA											
WELL DIAMETER(INCHES)		TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:	
2		1/2"		30				54.13		BP	
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	52.00	STATIC WATER:	22.45	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=		5.2			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):		0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):			FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):		
30.00			30.00		1325		1410		15.00		
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1325	0.00	0.00	0.00	22.45	7.87	29.57	472	7.04	2.6	cloudy	mild
1340	5.00	5.00	0.33	22.45	7.39	27.25	547	6.57	2.3	clear	mild
1355	5.00	10.00	0.33	22.47	7.23	26.67	542	6.18	3.2	clear	mild
1410	5.00	15.00	0.33	22.45	7.15	27.14	548	5.32	2.4	clear	mild
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1412	SAMPLING	1415
Pump or tubing depth in well		30.00		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:		NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	31.68	LAB SAMPLE ID #:ad00691									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	23447	SAMPLE ID:	2MW-26S	SAMPLE DATE:	October 30, 2020

PURGING DATA

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1/2"	10.0 - 20.0	54.16	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	20.00	STATIC WATER:	DRY	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	
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EQUIPMENT VOLUME PURGE (only fill out if applicable)

PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	14.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	14.00	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	14.00	PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):	
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1140				DRY							

WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88**SAMPLING DATA**

SAMPLED BY/AFFILIATION	GTORREY - Pasco County		SAMPLER SIGNATURE:		SAMPLING		SAMPLING	
Pump or tubing depth in well	14.00	RATE (ML/MIN.):			TUBING MATERIAL CODE:	PE/T		
DECONTAMINATION:	NO	FIELD FILTERED:	NO		FILTER SIZE (UM):		DUPLICATE	NO

SAMPLE CONTAINER SPECIFICATION AND PRESERVATION

Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	EQUIP. CODE:
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP

NGVD:	DRY	LAB SAMPLE ID #:ad01422
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MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER**APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump****SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)****EQUIPMENT CODES:****NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.**

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	23449		SAMPLE ID:	2MW-27S	SAMPLE DATE:	October 30, 2020					
PURGING DATA											
DIAMETER(INCHES)		TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
2		1/2"		8.0 - 18.0			50.44		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	18.00	STATIC WATER:	DRY		GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=				
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):		0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	12.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
12.00		12.00									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1115				DRY							
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County		SAMPLER SIGNATURE:			SAMPLIN		SAMPLING		
Pump or tubing depth in well		12.00		RATE (ML/MIN.):			TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:		NO		FIELD FILTERED:			NO		FILTER SIZE (UM):		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	DRY	LAB SAMPLE ID #:ad01420									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	23450	SAMPLE ID:	2MW- 27D	SAMPLE DATE:	October 14, 2020

PURGING DATA

DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1/2"	27.0 - 42.0	50.32	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	45.30	STATIC WATER:	17.15	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	2.7
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EQUIPMENT VOLUME PURGE (only fill out if applicable)

PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	39.30	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	39.30	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	39.30	PURGING INITIATED AT:	1317	PURGING ENDED AT:	1346	TOTAL VOLUME PURGED (GALLONS):	9.00
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1317	0.00	0.00	0.00	17.15	7.54	28.08	678	3.06	3.9	clear	mild
1328	3.00	3.00	0.33	17.75	7.29	26.13	691	2.99	10.2	clear	mild
1337	3.00	6.00	0.33	17.75	7.15	26.37	686	2.81	11.5	clear	mild
1346	3.00	9.00	0.33	17.75	7.19	21.02	692	2.96	11.5	clear	mild

WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88**SAMPLING DATA**

SAMPLED BY/AFFILIATION	GTORREY - Pasco County	SAMPLER SIGNATURE:	SAMPLIN	1348	SAMPLING	1351
Pump or tubing depth in well	39.30	RATE (ML/MIN.):	TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):	DUPLICATE	NO

SAMPLE CONTAINER SPECIFICATION AND PRESERVATION

Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	BOTTLE		EQUIP. CODE:
								DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP

NGVD:	33.17	LAB SAMPLE ID #:	ad00764
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MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER**APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump****SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)****EQUIPMENT CODES:****NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.**

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	2386	SAMPLE ID:	4MW-1	SAMPLE DATE:	October 13, 2020

PURGING DATA	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
4"	1/2"	32.0 - 60.0	50.34	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	60.00	STATIC WATER:	15	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=	29.2
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EQUIPMENT VOLUME PURGE (only fill out if applicable)	
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PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	27.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (GALLONS):
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27.00	27.00	0845	1145	90.00
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
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0845	0.00	0.00	0.00	15.06	6.42	26.25	827	6.87	1.6	clear	mild
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0945	30.00	30.00	0.50	15.31	7.03	26.97	786	2.42	7.4	clearclear	mild
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1045	30.00	60.00	0.50	15.31	7.02	27.61	794	2.35	8.7	clear	mild
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1145	30.00	90.00	0.50	15.32	7.00	27.04	792	2.76	3.8	clear	mild
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[illegible][illegible][illegible]

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88

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SAMPLED BY/AFFILIATION	GTORREY - Pasco County	SAMPLER SIGNATURE:	SAMPLING	1147	SAMPLING	1150
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Pump or tubing depth in well	27.00	RATE (ML/MIN.):		TUBING MATERIAL CODE:	PE/T
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DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):	DUPLICATE	NO
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SAMPLE CONTAINER SPECIFICATION AND PRESERVATION		BOTTLE	EQUIP. CODE
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Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	CODE:
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	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP
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	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle	BP
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	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle	BP
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	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP
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	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle	BP
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	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle	BP
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[illegible]

NGVD:	35.28	LAB SAMPLE ID #:ad00690
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MATERIAL CODES: **AG**=AMBER GLASS; **CG**=CLEAR GLASS; **PE**=POLYETHYLENE; **PP**=POLYPROPYLENE; **S**=SILICONE; **T**=TEFLON; **O**=OTHER

APP=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump

SAMPLING/PURGING **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)

EQUIPMENT CODES:

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	2387			SAMPLE ID:	4MW-2	SAMPLE DATE:	October 14, 2020				
PURGING DATA											
DIAMETER(INCHES)		TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
4"		1/2"		42.0 - 70.0			56.11		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	70.00	STATIC WATER:	20.72	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=		31.30			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):		0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	42.20	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
42.20		42.20		0830		1136		93.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0830	0.00	0.00	0.00	20.72	7.52	24.61	222	3.38	3.9	clear	mild
0932	31.00	31.00	0.50	20.71	7.58	24.14	217	2.61	3.7	clear	mild
1034	31.00	62.00	0.50	20.71	7.57	24.35	218	2.65	2.6	clear	mild
1136	31.00	93.00	0.50	20.73	7.60	25.52	218	2.25	1.9	clear	mild
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County			SAMPLER SIGNATURE:		SAMPLIN	1138	SAMPLING	1141	
Pump or tubing depth in well		42.20		RATE (ML/MIN.):		TUBING MATERIAL CODE:		PE/T			
DECONTAMINATION:		NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH		DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	35.39	LAB SAMPLE ID #:ad00763									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	19670			SAMPLE ID:	4MW-3A	SAMPLE DATE:	October 27, 2020				
PURGING DATA											
DIAMETER(INCHES)		TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
4		1/2"		22.0 - 50.0			52.92		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	50.00	STATIC WATER:	24.1	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=		17.48			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):		0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	33.40	FLOW CELLVOL.		1 EQ. VOL. PURGE:	
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
33.40		33.40		0900		1042		51.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0900	0.00	0.00	0.00	24.10	7.39	24.59	443	2.59	1.7	clear	mild
0934	17.00	17.00	0.50	24.30	7.28	24.27	445	2.55	3.8	clear	mild
1008	17.00	34.00	0.50	24.20	7.12	24.26	442	2.62	2.1	clear	mild
1042	17.00	51.00	0.50	24.20	7.12	24.34	445	2.33	2.2	clear	mild
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLIN	1044	SAMPLING	1047
Pump or tubing depth in well		33.40		RATE (ML/MIN.):			TUBING MATERIAL CODE:			PE/T	
DECONTAMINATION:		NO		FIELD FILTERED:		NO	FILTER SIZE (UM):			DUPLICATE	NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH		DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	28.82	LAB SAMPLE ID #:ad01271									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPF=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	2388		SAMPLE ID:	4MW-4	SAMPLE DATE:	October 15, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
4	1/2"		22.0 - 50.0				50.81		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	50.00	STATIC WATER:	23.13	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=			17.4		
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	38.90	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
38.90		38.90		0830		1012		51.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0830	0.00	0.00	0.00	23.13	7.14	25.03	410	4.24	3.9	cloudy	mild
0904	17.00	17.00	0.50	23.17	7.11	25.27	440	2.67	7.4	clear	mild
0938	17.00	34.00	0.50	23.17	7.12	25.56	436	2.52	4.2	clear	mild
1012	17.00	51.00	0.50	23.17	7.11	25.90	440	2.74	3.8	clear	mild
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1014	SAMPLING	1017	
Pump or tubing depth in well	38.90		RATE (ML/MIN.):					TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	27.68		LAB SAMPLE ID #:ad00861								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	2389	SAMPLE ID:	4MW-5	SAMPLE DATE:	October 12, 2020

PURGING DATA

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
4	1/2"	68.0 - 100.0	49.06	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	100.00	STATIC WATER:	20.5	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=	36.72
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EQUIPMENT VOLUME PURGE (only fill out if applicable)

PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	63.50	FLOW CELL VOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	63.50	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	63.50	PURGING INITIATED AT:	0830	PURGING ENDED AT:	1244	TOTAL VOLUME PURGED (GALLONS):	111.00
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0830	0.00	0.00	0.00	20.50	7.8	24.2	441	5.47	1.9	clear	mild
0954	37.00	37.00	0.50	20.63	7.41	24.29	593	2.99	3.7	clear	mild
1118	37.00	74.00	0.50	20.62	7.12	24.72	586	2.05	1.7	clear	mild
1244	37.00	111.00	0.50	20.63	7.15	24.94	591	2.48	1.2	clear	mild

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88**SAMPLING DATA**

SAMPLED BY/AFFILIATION	GTORREY - Pasco County	SAMPLER SIGNATURE:		SAMPLING	1246	SAMPLING	1249
Pump or tubing depth in well	63.50	RATE (ML/MIN.):		TUBING MATERIAL CODE:			PE/T
DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):		DUPLICATE	NO

SAMPLE CONTAINER SPECIFICATION AND PRESERVATION

Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	EQUIP. CODE:
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle	BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle	BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle	BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle	BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle	BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle	BP

NGVD: 28.56 **LAB SAMPLE ID #:**ad00657**MATERIAL CODES:** AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER**APP**=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump**SAMPLING/PURGING** **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)**EQUIPMENT CODES:****NOTES:** 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	2390		SAMPLE ID:	4MW-6	SAMPLE DATE:	October 23, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
4	1/2"		73.0 - 100.0				55.95		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	100.00	STATIC WATER:	23.43	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=		49.7			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	77.00	FLOW CELL VOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
77.00		77.00		0800		1300		150.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0800	0.00	0.00	0.00	23.43	8.06	26.04	155	6.71	2.8	clear	mild
0940	50.00	50.00	0.50	23.45	8.07	25.05	157	5.63	6.7	clear	mild
1120	50.00	100.00	0.50	23.45	7.84	25.38	157	5.60	3.7	clear	mild
1300	50.00	150.00	0.50	23.45	7.87	26.03	157	5.29	3.9	clear	mild
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1302	SAMPLING	1305	
Pump or tubing depth in well	77.00		RATE (ML/MIN.):					TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	32.52	LAB SAMPLE ID #:ad01172									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.								
WELL NO.	2340		SAMPLE ID:	4MW-7	SAMPLE DATE:	October 9, 2020						
PURGING DATA												
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:				
4	1/2"	22.0 - 47.0				52.62		BP				
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY												
TWD(ft):	50.00	STATIC WATER:	23.3	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=			17.3			
EQUIPMENT VOLUME PURGE (only fill out if applicable)												
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	42.10	FLOW CELL VOL.		1 EQ. VOL. PURGE:			
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):				
42.10		42.10		0945		1018		51.00				
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)	
0845	0.00	0.00	0.00	23.30	7.2	26.04	369	3.07	6.5	cloudy	mild	
0919	17.00	17.00	0.50	23.30	7.16	25.82	363	2.18	3.7	cloudy	mild	
0944	17.00	34.00	0.50	23.80	7.21	25.59	366	2.59	2.6	clear	mild	
1018	17.00	51.00	0.50	23.70	7.20	25.72	366	2.74	2.1	clear	mild	
***WATER LEVEL IS BELOW TOP OF PUMP.												
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88												
SAMPLING DATA												
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1020	SAMPLING	1025		
Pump or tubing depth in well	42.10		RATE (ML/MIN.):					TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:	
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle		BP	
NGVD:	29.32	LAB SAMPLE ID #:ad00570										
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER												
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump												
SAMPLING/PURGING RFPF=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)												
EQUIPMENT CODES:												
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.												

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	2341		SAMPLE ID:	4MW-8	SAMPLE DATE:	October 9, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
4	1/2"		32.0 - 65.0				51.87		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	65.00	STATIC WATER:	23.3	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=		17.3			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	31.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
31.00		31.00		1240		1358		39.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1240	0.00	0.00	0.00	20.25	7.49	27.71	272	5.34	1.7	clear	smells
1306	13.00	13.00	0.50	20.32	7.29	25.01	391	2.38	3.2	clear	mild
1332	13.00	26.00	0.50	20.32	7.21	24.75	389	1.95	1.9	clear	mild
1358	13.00	39.00	0.50	20.31	7.13	25.52	389	1.83	1.7	clear	mild
***WATER LEVEL IS BELOW TOP OF PUMP.											
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1400	SAMPLING	1403	
Pump or tubing depth in well	31.00		RATE (ML/MIN.):				clear			PE/T	
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		clear	DUPLICATE	NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		clear		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle		BP
NGVD:	31.62		LAB SAMPLE ID #:ad00554								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											

APP=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic Pump
SAMPLING/PURGING **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)
EQUIPMENT CODES:

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.								
WELL NO.	2342		SAMPLE ID:	4MW-9	SAMPLE DATE:	October 7, 2020						
PURGING DATA												
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:				
4	1/2"	30.0 - 60.0				52.78		BP				
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY												
TWD(ft):	51.00	STATIC WATER:	22.95	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=			18.23			
EQUIPMENT VOLUME PURGE (only fill out if applicable)												
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	29.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:			
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):				
29.00		29.00		0824		1012		54.00				
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)	
0824	0.00	0.00	0.00	22.95	7.19	25.39	448	4.51	1.9	clear	smells	
0900	18.00	18.00	0.50	23.00	7.18	24.91	448	2.55	2.7	clear	smells	
0936	18.00	36.00	0.50	23.00	7.13	24.15	448	2.74	1.3	clear	smells	
1012	18.00	54.00	0.50	23.00	7.12	25.56	411	2.14	1.2	clear	smells	
SAMPLING DATA												
SAMPLED BY/AFFILIATION	GTORREY - Pasco County				SAMPLER SIGNATURE:		SAMPLING	1014	SAMPLING	1017		
Pump or tubing depth in well	29.00		RATE (ML/MIN.):					TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:	
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP		
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP		
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP		
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP		
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP		
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP		
NGVD:	29.83		LAB SAMPLE ID #:ad00492									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER APP =After Peristaltic Pump; B =Bailer; BP =Bladder Pump; ESP =Electric Submersible Pump; PP =Peristaltic Pump SAMPLING/PURGING RFPP =Reverse Flow Peristaltic Pump; SM =Straw Method(Tube Gravity Drain); VT =Vacuum Trap; O =Other(Specify) EQUIPMENT CODES:												
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.												

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	2510	SAMPLE ID:	4MW-11D	SAMPLE DATE:	October 15, 2020

PURGING DATA

WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1/2"	27.0 - 52.0	65.00	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	52.00	STATIC WATER:	33.02	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	5
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EQUIPMENT VOLUME PURGE (only fill out if applicable)

PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	46.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:			
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	46.00	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	46.00	PURGING INITIATED AT:	1333	PURGING ENDED AT:	1400	TOTAL VOLUME PURGED (GALLONS):	9.00		
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1333	0.00	0.00	0.00	33.03	7.25	27.06	383	3.49	3.6	clear	mild
1342	3.00	3.00	0.33	33.04	7.25	25.82	386	3.53	2.9	clear	mild
1351	3.00	6.00	0.33	33.03	7.29	25.83	383	3.51	2.6	clear	mild
1400	3.00	9.00	0.33	33.02	7.32	25.66	383	3.79	1.8	clear	mild

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88**SAMPLING DATA**

SAMPLED BY/AFFILIATION	GTORREY - Pasco County		SAMPLER SIGNATURE:	SAMPLING	1402	SAMPLING	1405		
Pump or tubing depth in well	46.00	RATE (ML/MIN.):		TUBING MATERIAL CODE:	PE/T				
DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):		DUPLICATE	NO		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle	BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle	BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle	BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle	BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle	BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle	BP
NGVD:	31.97	LAB SAMPLE ID #:ad00862							

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER**APP**=After Peristaltic Pump; **B**=Bailer; **BP**=Bladder Pump; **ESP**=Electric Submersible Pump; **PP**=Peristaltic PumpSAMPLING/PURGING **RFPP**=Reverse Flow Peristaltic Pump; **SM**=Straw Method(Tube Gravity Drain); **VT**=Vacuum Trap; **O**=Other(Specify)

EQUIPMENT CODES:

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	HAYS ROAD						
WELL NO.	2511			SAMPLE ID:	4MW-12D	SAMPLE DATE:	October 22, 2020				
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
2	1/2"		30.0 - 55.0				55.03		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	55.00	STATIC WATER:	24.34	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=		4.9			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
30.00		30.00		1030		1115		15.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1030	0.00	0.00	0.00	24.34	7.17	26.54	386	4.32	3.7	clear	mild
1045	5.00	5.00	0.33	24.38	7.19	25.99	384	2.63	11.2	clear	mild
1100	5.00	10.00	0.33	24.38	7.22	25.84	380	3.09	4.3	clear	mild
1115	5.00	15.00	0.33	24.39	7.20	26.13	384	2,35	3.2	clear	mild
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1117	SAMPLING	1120	
Pump or tubing depth in well	30.00		RATE (ML/MIN.):				TUBING MATERIAL CODE:			PE/T	
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	30.69	LAB SAMPLE ID #:ad01142									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	HAYS RD						
WELL NO.	19214			SAMPLE ID:	4MW-13D	SAMPLE DATE:	October 23, 2020				
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:			
2	1/2"		26.0 - 36.0			54.04		BP			
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	36.00	STATIC WATER:	DRY		GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=		DRY		
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
30.00		30.00									
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1015				DRY							
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION		GTORREY - Pasco County			SAMPLER SIGNATURE:		SAMPLING		SAMPLING		
Pump or tubing depth in well		30.00		RATE (ML/MIN.):			TUBING MATERIAL CODE:		PE/T		
DECONTAMINATION:		NO		FIELD FILTERED:		NO	FILTER SIZE (UM):		DUPLICATE	NO	
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	DRY		LAB SAMPLE ID #:ad01141								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.						
WELL NO.	2512			SAMPLE ID:	4MW-14D	SAMPLE DATE:	October 22, 2020				
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:			
2	1/2"		25.0 - 50.0			52.00		BP			
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	50.00	STATIC WATER:	20.96	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=		4.64			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	44.00	FLOW CELL VOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
44.00		44.00		0915		1000		15.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0915	0.00	0.00	0.00	20.96	7.27	26.51	381	2.91	2.7	clear	mild
0930	5.00	5.00	0.33	20.98	7.24	26.91	378	2.36	1.8	clear	mild
0945	5.00	10.00	0.33	20.98	7.25	27.08	378	2.65	2.3	clear	mild
1000	5.00	15.00	0.33	20.98	7.24	27.16	375	2.70	2.2	clear	mild
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1002	SAMPLING	1005	
Pump or tubing depth in well	44.00		RATE (ML/MIN.):					TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:	NO	FIELD FILTERED:		NO	FILTER SIZE (UM):			DUPLICATE	NO		
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	31.04	LAB SAMPLE ID #:ad01140									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	23065		SAMPLE ID:	4MW-21	SAMPLE DATE:	October 8, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft			TOP Elevation (NGVD)		PUMP TYPE OR BAILER:			
2	1/2"		24.2 - 39.2			51.46		BP			
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	43.00	STATIC WATER:		GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=					
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
30.00		30.00		0952		1028		12			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0952	0.00	0.00	0.00	19.95	7.11	26.07	457	2.37	22.3	clear	smells
1004	4.00	4.00	0.33	20.35	7.00	15.60	478	2.19	9.5	clear	smells
1016	4.00	8.00	0.33	20.39	7.01	25.47	474	2.75	3.9	clear	smells
1028	4.00	12.00	0.33	21.15	7.00	25.83	472	2.20	3.3	clear	smells
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1030	SAMPLING	1033	
Pump or tubing depth in well	30.00		RATE (ML/MIN.):					clear		PE/T	
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	31.51		LAB SAMPLE ID #:ad00553								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY	SITE LOCATION:	Hays Rd.		
WELL NO.	23066	SAMPLE ID:	4MW-22	SAMPLE DATE:	October 7, 2020

PURGING DATA

WELL DIAMETER(INCHES)	(INCHES)	WELL SCREEN INTERVAL DEPTH: ft to ft	TOP Elevation (NGVD)	PUMP TYPE OR BAILER:
2	1/2"	30.3 - 45.3	53.44	BP

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

TWD(ft):	48.00	STATIC WATER:	23.60	GALLONS / FOOT:	0.16	1 WELL VOLUME(gals)=	3.9
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EQUIPMENT VOLUME PURGE (only fill out if applicable)

PUMP VOL (GAL):	0.26	TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.30	FLOW CELL VOL.		1 EQ. VOL. PURGE:	
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INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):	30.30	FINAL PUMP OR TUBING DEPTH IN WELL (FEET):	30.30	PURGING INITIATED AT:	1030	PURGING ENDED AT:	1106	TOTAL VOLUME PURGED (GALLONS):	12.00
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TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
1030	0.00	0.00	0.00	23.60	6.5	26.93	166	6.14	12.5	cloudy	smells
1042	4.00	4.00	0.33	23.60	5.50	25.66	149	5.85	4.5	clear	smells
1054	4.00	8.00	0.33	23.68	5.35	25.95	144	5.84	2.3	clear	smells
1106	4.00	12.00	0.33	23.70	5.26	25.89	144	5.86	1.7	clear	smells

WELL CAPACITY (Gallons Per Foot): **0.75"**=0.02; **1"**=0.04; **1.25"**=0.06; **2"**=0.16; **3"**=0.37; **4"**=0.65; **5"**=1.02; **6"**=1.47; **12"**=5.88

SAMPLING DATA

SAMPLED BY/AFFILIATION	GTORREY - Pasco County	SAMPLER SIGNATURE:	SAMPLING	1108	SAMPLING	1111
Pump or tubing depth in well	30.30	RATE (ML/MIN.):	TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:	NO	FIELD FILTERED:	NO	FILTER SIZE (UM):	DUPLICATE	NO

SAMPLE CONTAINER SPECIFICATION AND PRESERVATION

Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES	EQUIP. CODE:
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP

NGVD:	29.84	LAB SAMPLE ID #:	ad00493
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MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump
 SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)
 EQUIPMENT CODES:

NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	23067		SAMPLE ID:	4MW-23	SAMPLE DATE:	October 8, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NAVD)		PUMP TYPE OR BAILER:		
2"	1/2"		38' - 53.0				54.69		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	53.00	STATIC WATER:	25.50	GALLONS/ FOOT:	0.16	1 WELL VOLUME(gals)=		4.4			
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	30.20	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
30.20		30.20		0840		0916		12.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0840	0.00	0.00	0.00	25.50	7.37	25.96	436	5.9	2.2	clear	smells
0852	4.00	4.00	0.33	25.60	7.23	25.32	529	2.95	1.9	clear	smells
0904	4.00	8.00	0.33	25.60	7.22	25.35	542	2.32	13.3	clear	smells
0916	4.00	12.00	0.33	25.60	7.24	25.46	552	2.50	6.1	clear	smells
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
TUBING											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County Environmental Laboratory				SAMPLER SIGNATURE:		SAMPLING INITIATED AT:	918	SAMPLING ENDED AT:	921	
Pump or tubing depth in well	30.20		RATE (ML/MIN.):				TUBING MATERIAL CODE:		PE/T		
FIELD DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							INTENDED ANALYSIS and/or METHOD		BOTTLE		EQUIP. CODE:
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH			DATE	SERIES	
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS		Eurofins Bottle		BP
	1	HDPE	250 mls	Wet Ice	None		Chlorides		Eurofins Bottle		BP
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3		Eurofins Bottle		BP
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na		Eurofins Bottle		BP
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs		Eurofins Bottle		BP
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP		Eurofins Bottle		BP
NGVD:	29.19	LAB SAMPLE ID #:ad00552									
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											2.

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY		SITE LOCATION:	Hays Rd.							
WELL NO.	23452		SAMPLE ID:	4MW-27D	SAMPLE DATE:	October 29, 2020					
PURGING DATA											
WELL DIAMETER(INCHES)	TUBING DIAM (INCHES)		WELL SCREEN INTERVAL DEPTH: ft to ft				TOP Elevation (NGVD)		PUMP TYPE OR BAILER:		
4	1/2"		146.0 - 156.0				49.28		BP		
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY											
TWD(ft):	156.00	STATIC WATER:	16.5	GALLONS / FOOT:	0.65	1 WELL VOLUME(gals)=			90.60		
EQUIPMENT VOLUME PURGE (only fill out if applicable)											
PUMP VOL (GAL):	0.26		TUBING CAP.(GAL)	0.010	TUBING LENGTH ft	78.00	FLOW CELLVOL.		1 EQ. VOL. PURGE:		
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):		FINAL PUMP OR TUBING DEPTH IN WELL (FEET):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (GALLONS):			
78.00		78.00		0800		1400		270			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)
0800	0.00	0.00	0.00	16.50	7.65	25.15	279	4.45	2.5	clear	mild
1020	90.00	90.00	0.50	16.60	7.56	25.73	276	5.34	2.7	clear	mild
1240	90.00	180.00	0.50	16.60	7.54	27.16	277	3.65	2.2	clear	mild
1400	90.00	270.00	0.50	16.60	7.53	27.03	275	3.59	1.7	clear	mild
WELL CAPACITY (Gallons Per Foot): 0.75"=0.02; 1"=0.04; 1.25"=0.06; 2"=0.16; 3"=0.37; 4"=0.65; 5"=1.02; 6"=1.47; 12"=5.88											
SAMPLING DATA											
SAMPLED BY/AFFILIATION	GTORREY - Pasco County			SAMPLER SIGNATURE:			SAMPLING	1402	SAMPLING	1405	
Pump or tubing depth in well	78.00		RATE (ML/MIN.):					TUBING MATERIAL CODE:		PE/T	
DECONTAMINATION:	NO		FIELD FILTERED:		NO		FILTER SIZE (UM):		DUPLICATE		NO
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION							BOTTLE		EQUIP. CODE:		
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH	INTENDED ANALYSIS and/or METHOD	DATE	SERIES		
	1	HDPE	1 Liter	Wet Ice	None		SM2540C - TDS	Eurofins Bottle		BP	
	1	HDPE	250 mls	Wet Ice	None		Chlorides	Eurofins Bottle		BP	
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2	Ammonia/; NO3	Eurofins Bottle		BP	
	1	HDPE	250 mls	HNO3	2.5/1:4	<2	App I Metals Fe, Hg, Na	Eurofins Bottle		BP	
	3	CG	40 mls	HCl	.25/1:1	<2	App I VOCs	Eurofins Bottle		BP	
	3	CG	40 mls	Wet Ice	None		8011-EDB, DBCP	Eurofins Bottle		BP	
NGVD:	32.78		LAB SAMPLE ID #:ad01365								
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER											
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump											
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)											
EQUIPMENT CODES:											
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.											

GROUNDWATER SAMPLING DATA SHEET - PASCO COUNTY UTILITIES ENVIRONMENTAL LAB

SITE NAME:	RESOURCE RECOVERY			SITE LOCATION:	Hays Rd.																																		
WELL NO.	23451			SAMPLE ID:	4MW-27	SAMPLE DATE:	October 16, 2020																																
WELL DIAMETER(INCHES)																																							
4		TUBING DIAM (INCHES)		1/2"		WELL SCREEN INTERVAL DEPTH: ft to ft		67.0 - 77.0		TOP Elevation (NGVD)		49.60		PUMP TYPE OR BAILER:		BP																							
WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY																																							
TWD(ft):		78.00		STATIC WATER:		16.45		GALLONS / FOOT:		0.65		1 WELL VOLUME(gals)=		40																									
EQUIPMENT VOLUME PURGE (only fill out if applicable)																																							
PUMP VOL (GAL):		0.26		TUBING CAP.(GAL)		0.010		TUBING LENGTH ft		50.00		FLOW CELLVOL.				1 EQ. VOL. PURGE:																							
INITIAL PUMP OR TUBING DEPTH IN WELL (FEET):				50.00				FINAL PUMP OR TUBING DEPTH IN WELL (FEET):				50.00				PURGING INITIATED AT:				0730				PURGING ENDED AT:				1130				TOTAL VOLUME PURGED (GALLONS):				120.00			
TIME (24 hr)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (GPM)	DEPTH TO WATER (FEET)	Ph (S.U.)	TEMP. (C°)	COND. (umhos/cm)	D.O. (mg/L)	TURB. (NTUs)	COLOR (describe)	ODOR (describe)																												
0730	0.00	0.00	0.00	16.45	8.22	24.46	447	4.67	1.6	cloudy	mild																												
0850	40.00	40.00	0.50	16.47	7.67	24.44	631	6.11	4.2	cloudy	mild																												
1010	40.00	80.00	0.50	16.45	7.35	24.91	614	5.81	3.2	clear	mild																												
1130	40.00	120.00	0.50	16.45	7.29	25.36	602	5.62	3.3	clear	mild																												
SAMPLING DATA																																							
SAMPLED BY/AFFILIATION				GTORREY - Pasco County				SAMPLER SIGNATURE:				SAMPLING				1132		SAMPLING				1135																	
Pump or tubing depth in well				50.00				RATE (ML/MIN.):								TUBING MATERIAL CODE:				PE/T																			
DECONTAMINATION:				NO				FIELD FILTERED:				NO				FILTER SIZE (UM):								DUPLICATE				NO											
SAMPLE CONTAINER SPECIFICATION AND PRESERVATION												INTENDED ANALYSIS and/or METHOD				BOTTLE				EQUIP. CODE:																			
Sample ID;	# of Conts.	Material Code	Volume	Preservative	mls Added	FINAL PH									DATE				SERIES																				
	1	HDPE	1 Liter	Wet Ice	None						SM2540C - TDS				Eurofins Bottle				BP																				
	1	HDPE	250 mls	Wet Ice	None						Chlorides				Eurofins Bottle				BP																				
	2	HDPE	250 mls	H2SO4	2.0 1:1	<2					Ammonia/; NO3				Eurofins Bottle				BP																				
	1	HDPE	250 mls	HNO3	2.5/1:4	<2					App I Metals Fe, Hg, Na				Eurofins Bottle				BP																				
	3	CG	40 mls	HCl	.25/1:1	<2					App I VOCs				Eurofins Bottle				BP																				
	3	CG	40 mls	Wet Ice	None						8011-EDB, DBCP				Eurofins Bottle				BP																				
NGVD:		33.15		LAB SAMPLE ID #:ad00882																																			
MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER																																							
APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump																																							
SAMPLING/PURGING RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)																																							
EQUIPMENT CODES:																																							
NOTES: 1. The above does not constitute all of the information required by Chapter 62-160, F.A.C.																																							

10/19/2016

2MW-2

Z

10/26/2016

4MW13D

HAS DEDICATED PUMP AND DISPENSER TUBING

ITS 2" DIA WELL HAS 4 " CASING

PUMP GIVES GOOD PURGE RATE 2T SETTINGS CPM4 , 107 (9:00/6:00 SEC)

4MW-12D

DEDICATED PUMP . NO DISPENSING TUBING

ITS 2" DIA WELL HAS 4 " CASING

PUMP GIVES GOOD PURGE RATE 2T SETTINGS CPM4 , 107 (9:00/6:00 SEC)

4MW-11D

DEDICATED PUMP . NO DISPENSING TUBING

PUMP GIVES GOOD PURGE RATE 2T SETTINGS CPM4 , 107 (8:00/:00 SEC)

TUBING EXITING PUMP @ WELL CAP IS BRITTLE . OUTER PLASTIC COVERIBG
OF TUBING IS BROKEN OFF AND MISSING

START:

11/2/2016

2MW17S

NO3

2MW19D

labeled 24MW19D

Did not plug compressor to cap.

No tubing attached.

pulled about 40 ft of tubing to dispense water attached to cap; smaller tubing visible about 2 fe

Submersible pump inserted ok for sampling.

did not replce cap and tubing since it did not do back down all the way. 10 foot remaining. Bro

2MW18D

HAS A PUMP. WORKET AT A PURGUING RATE OF 0.5 GPM

IT IS LABELED 2MW18 S

2MW7

18 FT. DEOTH. VERIFIED WITH WATER SENSOR.

STATIC LEVEL 17.5"

4MW8

HAS PUMP.

GREAT RATE 0.80 GPM

et down in the well but unreachable.