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May 3, 2019
VIA E-FILING

Adam Teitzman, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

RE: Docket No. 20150269-WS; Application for limited proceeding water rate increase in Marion, Pasco, and Seminole Counties, by Utilities, Inc. of Florida.
Our Matter No. 070272

Dear Mr. Teitzman:

Pursuant to PSC Order No. PSC-2016-0505-PAA-WS, attached are the results of the sampling that was required to be done every six months after the interconnection with Pasco County. As one can see, the values of all secondary drinking water parameters at all six locations were below the maximum contaminant levels, with the exception of minor exceedances of iron.

Should you or Staff have any questions regarding this filing, please do not hesitate to give me a call.

Very truly yours,

/s/ Martin S. Friedman
MARTIN S. FRIEDMAN
For the Firm

MSF/

cc: John Hoy (via email)
Patrick Flynn (via email)

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – Please type or print legibly)

System Name: _____ PWS I.D.#:

6	5	1	1	4	2	3
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System Type (check one): Community Nontransient Noncommunity Transient Noncommunity

Address: _____

City: _____ ZIP Code: _____

Phone #: _____ Fax #: _____ E-Mail Address: _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: T1906842001 Sample Date: 04/17/2019 Sample Time: 14:10 AM PM (circle one)

Sample Location (be specific): 11619 English Elm Location Code (if known) : _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 0.7 mg/L Field pH: 7.5

Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

Reason(s) for Sample (Check all that apply)

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance *
- Composite of Multiple Sites **
- Other: _____
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments: _____

***See 62-550.500(6) for requirements and restrictions.
And 62-550.512(3) for nitrate or nitrite exceedances.**

****See 62-550.550(4) for requirements and
attach a results page for each site.**

SAMPLER CERTIFICATION

I, _____, _____, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: _____ Date: _____

Certified Operator #: _____ Phone #: _____ Sampler's Fax #: _____

Sampler's E-Mail: _____

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or print legibly)

Lab Name: Advanced Environmental Laboratories, Inc Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2019

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Ave Tampa, FL 33619 Payments: P.O. Box Phone #: (813)630-9616

Were any analyses subcontracted? Yes No If yes, please provide DOH certification numbers: E82574 E82001

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED *

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 04/18/2019

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1906842001 Lab Assigned Report # or Job T1906842

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- All Except Asbestos
 Partial
 Nitrate
 Nitrite
 Asbestos Only

Synthetic Organics

- All 30
 All Except Dioxin
 Partial
 Dioxin Only

Volatile Organics

- All 21
 Partial

Disinfection Byproducts

- Trihalomethanes
 Haloacetic Acids
 Chlorite
 Bromate

Radionuclides

- Single Sample
 Qtrly Composite**

Secondaries

- All 14
 Partial

LAB CERTIFICATION

I, Joseph J. Vondrick, Project Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference

Signature:  Date: 05/02/2019

* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory: Yes No Replacement Sample or Report Requested: Yes No (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T1906842001

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate (as N)	10	mg/L	0.079	U	SM 4500NO3-F	0.079	04/18/2019	17:36	E84589
1041	Nitrite (as N)	1	mg/L	0.30		SM 4500NO3-F	0.077	04/18/2019	17:36	E84589
1005	Arsenic	0.010	mg/L	0.00017	I	EPA 200.8	0.000077	04/29/2019	17:26	E82574
1010	Barium	2	mg/L	0.014		EPA 200.8	0.00024	04/29/2019	17:26	E82574
1015	Cadmium	0.005	mg/L	0.000064	U	EPA 200.8	0.000064	04/29/2019	17:26	E82574
1020	Chromium	0.1	mg/L	0.0020	U	EPA 200.7	0.0020	04/26/2019	18:57	E84589
1024	Cyanide	0.2	mg/L	0.0048	U	SM 4500-CN-E	0.0048	04/29/2019	13:30	E84589
1025	Fluoride	4.0	mg/L	0.25	I	EPA 300.0	0.20	04/30/2019	11:14	E84589
1030	Lead	0.015	mg/L	0.00024	U	EPA 200.8	0.00024	04/29/2019	17:26	E82574
1035	Mercury	0.002	mg/L	0.000050	U	EPA 245.1	0.000050	04/24/2019	14:36	E84589
1036	Nickel	0.1	mg/L	0.0044	U	EPA 200.7	0.0044	04/26/2019	18:57	E84589
1045	Selenium	0.05	mg/L	0.00058	U	EPA 200.8	0.00058	04/29/2019	17:26	E82574
1052	Sodium	160	mg/L	31		EPA 200.7	0.17	04/26/2019	18:57	E84589
1074	Antimony	0.006	mg/L	0.00011	U	EPA 200.8	0.00011	04/29/2019	17:26	E82574
1075	Beryllium	0.004	mg/L	0.00029	U	EPA 200.7	0.00029	04/26/2019	18:57	E84589
1085	Thallium	0.002	mg/L	0.000057	U	EPA 200.8	0.000057	04/29/2019	17:26	E82574

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: T1906842001

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.025	U	EPA 200.7	0.025	04/26/2019	18:57	E84589
1017	Chloride	250	mg/L	31		EPA 300.0	2.0	04/30/2019	11:14	E84589
1022	Copper	1	mg/L	0.0010		EPA 200.8	0.00035	04/29/2019	17:26	E82574
1025	Fluoride	2.0	mg/L	0.25	I	EPA 300.0	0.20	04/30/2019	11:14	E84589
1028	Iron	0.3	mg/L	0.052	I	EPA 200.7	0.026	04/26/2019	18:57	E84589
1032	Manganese	0.05	mg/L	0.0030	I	EPA 200.8	0.00055	04/29/2019	17:26	E82574
1050	Silver	0.1	mg/L	0.00012	I	EPA 200.8	0.000068	04/29/2019	17:26	E82574
1055	Sulfate	250	mg/L	85		EPA 300.0	2.0	04/30/2019	11:14	E84589
1095	Zinc	5	mg/L	0.0052	U	EPA 200.8	0.0052	04/29/2019	17:26	E82574
1905	Color	15	PCU	2.7	U	SM 2120 B	2.7	04/18/2019	16:15	E84589
1920	Odor	3	TON @ 40°C	1.0	U	SM 2150 B	1.0	04/18/2019	13:47	E84589
1925	pH	6.5 - 8.5	SU	7.5	Q	SM 4500H+B		05/02/2019	09:10	E84589
1930	Total Dissolved Solids	500	mg/L	410		SM 2540 C	10	04/22/2019	10:00	E84589
2905	Foaming Agents	0.5	mg/L	0.040	U	SM 5540 C	0.040	04/19/2019	10:00	E82001

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or print legibly)

Lab Name: Advanced Environmental Laboratories, Inc Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2019

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Ave Tampa, FL 33619 Payments: P.O. Box Phone #: (813)630-9616

Were any analyses subcontracted? Yes No If yes, please provide DOH certification numbers: E82574 E82001

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED *

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 04/18/2019

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1906842002 Lab Assigned Report # or Job T1906842

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- All Except Asbestos
 Partial
 Nitrate
 Nitrite
 Asbestos Only

Synthetic Organics

- All 30
 All Except Dioxin
 Partial
 Dioxin Only

Volatile Organics

- All 21
 Partial

Disinfection Byproducts

- Trihalomethanes
 Haloacetic Acids
 Chlorite
 Bromate

Radionuclides

- Single Sample
 Qtrly Composite**

Secondaries

- All 14
 Partial

LAB CERTIFICATION

I, Joseph J, Vondrick, Project Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference

Signature: _____ Date: 05/02/2019

* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory: Yes No Replacement Sample or Report Requested: Yes No (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T1906842002

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate (as N)	10	mg/L	0.096	I	SM 4500NO3-F	0.079	04/18/2019	17:38	E84589
1041	Nitrite (as N)	1	mg/L	0.19		SM 4500NO3-F	0.077	04/18/2019	17:38	E84589
1005	Arsenic	0.010	mg/L	0.00025	I	EPA 200.8	0.000077	04/29/2019	17:32	E82574
1010	Barium	2	mg/L	0.014		EPA 200.8	0.00024	04/29/2019	17:32	E82574
1015	Cadmium	0.005	mg/L	0.000064	U	EPA 200.8	0.000064	04/29/2019	17:32	E82574
1020	Chromium	0.1	mg/L	0.0020	U	EPA 200.7	0.0020	04/26/2019	19:00	E84589
1024	Cyanide	0.2	mg/L	0.0048	U	SM 4500-CN-E	0.0048	04/29/2019	13:30	E84589
1025	Fluoride	4.0	mg/L	0.25	I	EPA 300.0	0.20	04/30/2019	11:30	E84589
1030	Lead	0.015	mg/L	0.00024	U	EPA 200.8	0.00024	04/29/2019	17:32	E82574
1035	Mercury	0.002	mg/L	0.000050	U	EPA 245.1	0.000050	04/24/2019	14:39	E84589
1036	Nickel	0.1	mg/L	0.0044	U	EPA 200.7	0.0044	04/26/2019	19:00	E84589
1045	Selenium	0.05	mg/L	0.00058	U	EPA 200.8	0.00058	04/29/2019	17:32	E82574
1052	Sodium	160	mg/L	32		EPA 200.7	0.17	04/26/2019	19:00	E84589
1074	Antimony	0.006	mg/L	0.00011	U	EPA 200.8	0.00011	04/29/2019	17:32	E82574
1075	Beryllium	0.004	mg/L	0.00029	U	EPA 200.7	0.00029	04/26/2019	19:00	E84589
1085	Thallium	0.002	mg/L	0.000057	U	EPA 200.8	0.000057	04/29/2019	17:32	E82574

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: T1906842002

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.025	U	EPA 200.7	0.025	04/26/2019	19:00	E84589
1017	Chloride	250	mg/L	32		EPA 300.0	2.0	04/30/2019	11:30	E84589
1022	Copper	1	mg/L	0.0011		EPA 200.8	0.00035	04/29/2019	17:32	E82574
1025	Fluoride	2.0	mg/L	0.25	I	EPA 300.0	0.20	04/30/2019	11:30	E84589
1028	Iron	0.3	mg/L	0.24		EPA 200.7	0.026	04/26/2019	19:00	E84589
1032	Manganese	0.05	mg/L	0.0052		EPA 200.8	0.00055	04/29/2019	17:32	E82574
1050	Silver	0.1	mg/L	0.000068	U	EPA 200.8	0.000068	04/29/2019	17:32	E82574
1055	Sulfate	250	mg/L	88		EPA 300.0	2.0	04/30/2019	11:30	E84589
1095	Zinc	5	mg/L	0.0052	U	EPA 200.8	0.0052	04/29/2019	17:32	E82574
1905	Color	15	PCU	2.7	U	SM 2120 B	2.7	04/18/2019	16:15	E84589
1920	Odor	3	TON @ 40°C	1.0	U	SM 2150 B	1.0	04/18/2019	13:47	E84589
1925	pH	6.5 - 8.5	SU	7.6	Q	SM 4500H+B		05/02/2019	09:10	E84589
1930	Total Dissolved Solids	500	mg/L	440		SM 2540 C	10	04/22/2019	10:00	E84589
2905	Foaming Agents	0.5	mg/L	0.040	U	SM 5540 C	0.040	04/19/2019	10:00	E82001

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ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 04/18/2019

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1906842003 Lab Assigned Report # or Job T1906842

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- All Except Asbestos
 Partial
 Nitrate
 Nitrite
 Asbestos Only

Synthetic Organics

- All 30
 All Except Dioxin
 Partial
 Dioxin Only

Volatile Organics

- All 21
 Partial

Disinfection Byproducts

- Trihalomethanes
 Haloacetic Acids
 Chlorite
 Bromate

Radionuclides

- Single Sample
 Qtrly Composite**

Secondaries

- All 14
 Partial

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I, Joeseh J. Vondrick, Project Manager, do HEREBY CERTIFY
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Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

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INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T1906842003

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1015	Cadmium	0.005	mg/L	0.000064	U	EPA 200.8	0.000064	04/29/2019	17:36	E82574
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1024	Cyanide	0.2	mg/L	0.0048	U	SM 4500-CN-E	0.0048	04/29/2019	13:30	E84589
1025	Fluoride	4.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	11:46	E84589
1030	Lead	0.015	mg/L	0.00024	U	EPA 200.8	0.00024	04/29/2019	17:36	E82574
1035	Mercury	0.002	mg/L	0.000050	U	EPA 245.1	0.000050	04/24/2019	14:42	E84589
1036	Nickel	0.1	mg/L	0.0044	U	EPA 200.7	0.0044	04/26/2019	19:04	E84589
1045	Selenium	0.05	mg/L	0.00058	U	EPA 200.8	0.00058	04/29/2019	17:36	E82574
1052	Sodium	160	mg/L	33		EPA 200.7	0.17	04/26/2019	19:04	E84589
1074	Antimony	0.006	mg/L	0.00011	U	EPA 200.8	0.00011	04/29/2019	17:36	E82574
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62-550.320

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1028	Iron	0.3	mg/L	0.042	I	EPA 200.7	0.026	04/26/2019	19:04	E84589
1032	Manganese	0.05	mg/L	0.0035	I	EPA 200.8	0.00055	04/29/2019	17:36	E82574
1050	Silver	0.1	mg/L	0.00021	I	EPA 200.8	0.000068	04/29/2019	17:36	E82574
1055	Sulfate	250	mg/L	88		EPA 300.0	2.0	04/30/2019	11:46	E84589
1095	Zinc	5	mg/L	0.0052	U	EPA 200.8	0.0052	04/29/2019	17:36	E82574
1905	Color	15	PCU	2.7	U	SM 2120 B	2.7	04/18/2019	16:15	E84589
1920	Odor	3	TON @ 40°C	1.0	U	SM 2150 B	1.0	04/18/2019	13:47	E84589
1925	pH	6.5 - 8.5	SU	7.8	Q	SM 4500H+B		05/02/2019	09:10	E84589
1930	Total Dissolved Solids	500	mg/L	370		SM 2540 C	10	04/22/2019	10:00	E84589
2905	Foaming Agents	0.5	mg/L	0.040	U	SM 5540 C	0.040	04/19/2019	10:00	E82001

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – Please type or print legibly)

System Name: _____ PWS I.D.#:

6	5	1	1	4	2	3
---	---	---	---	---	---	---

System Type (check one): Community Nontransient Noncommunity Transient Noncommunity

Address: _____

City: _____ ZIP Code: _____

Phone #: _____ Fax #: _____ E-Mail Address: _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: T1906842004 Sample Date: 04/17/2019 Sample Time: 14:20 AM PM (circle one)

Sample Location (be specific): 11800 Ivywood Location Code (if known) : _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.5 mg/L Field pH: 7.7

Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

Reason(s) for Sample (Check all that apply)

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance *
- Composite of Multiple Sites **
- Other: _____
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments: _____

***See 62-550.500(6) for requirements and restrictions.
And 62-550.512(3) for nitrate or nitrite exceedances.**

****See 62-550.550(4) for requirements and
attach a results page for each site.**

SAMPLER CERTIFICATION

I, _____, _____, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: _____ Date: _____

Certified Operator #: _____ Phone #: _____ Sampler's Fax #: _____

Sampler's E-Mail: _____

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or print legibly)

Lab Name: Advanced Environmental Laboratories, Inc Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2019

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Ave Tampa, FL 33619 Payments: P.O. Box Phone #: (813)630-9616

Were any analyses subcontracted? Yes No If yes, please provide DOH certification numbers: E82574 E82001

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED *

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 04/18/2019

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1906842004 Lab Assigned Report # or Job T1906842

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- All Except Asbestos
 Partial
 Nitrate
 Nitrite
 Asbestos Only

Synthetic Organics

- All 30
 All Except Dioxin
 Partial
 Dioxin Only

Volatile Organics

- All 21
 Partial

Disinfection Byproducts

- Trihalomethanes
 Haloacetic Acids
 Chlorite
 Bromate

Radionuclides

- Single Sample
 Qtrly Composite**

Secondaries

- All 14
 Partial

LAB CERTIFICATION

I, Joseph J. Vondrick, Project Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference

Signature:  Date: 05/02/2019

* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory: Yes No Replacement Sample or Report Requested: Yes No (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T1906842004

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate (as N)	10	mg/L	0.079	U	SM 4500NO3-F	0.079	04/18/2019	17:40	E84589
1041	Nitrite (as N)	1	mg/L	0.28		SM 4500NO3-F	0.077	04/18/2019	17:40	E84589
1005	Arsenic	0.010	mg/L	0.00019	I	EPA 200.8	0.000077	04/29/2019	17:42	E82574
1010	Barium	2	mg/L	0.014		EPA 200.8	0.00024	04/29/2019	17:42	E82574
1015	Cadmium	0.005	mg/L	0.000064	U	EPA 200.8	0.000064	04/29/2019	17:42	E82574
1020	Chromium	0.1	mg/L	0.0020	U	EPA 200.7	0.0020	04/26/2019	19:08	E84589
1024	Cyanide	0.2	mg/L	0.0048	U	SM 4500-CN-E	0.0048	04/29/2019	13:30	E84589
1025	Fluoride	4.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	12:01	E84589
1030	Lead	0.015	mg/L	0.00024	U	EPA 200.8	0.00024	04/29/2019	17:42	E82574
1035	Mercury	0.002	mg/L	0.000050	U	EPA 245.1	0.000050	04/24/2019	14:44	E84589
1036	Nickel	0.1	mg/L	0.0044	U	EPA 200.7	0.0044	04/26/2019	19:08	E84589
1045	Selenium	0.05	mg/L	0.00058	U	EPA 200.8	0.00058	04/29/2019	17:42	E82574
1052	Sodium	160	mg/L	33		EPA 200.7	0.17	04/26/2019	19:08	E84589
1074	Antimony	0.006	mg/L	0.00011	U	EPA 200.8	0.00011	04/29/2019	17:42	E82574
1075	Beryllium	0.004	mg/L	0.00029	U	EPA 200.7	0.00029	04/26/2019	19:08	E84589
1085	Thallium	0.002	mg/L	0.000057	U	EPA 200.8	0.000057	04/29/2019	17:42	E82574

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: T1906842004

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.025	U	EPA 200.7	0.025	04/26/2019	19:08	E84589
1017	Chloride	250	mg/L	31		EPA 300.0	2.0	04/30/2019	12:01	E84589
1022	Copper	1	mg/L	0.00090		EPA 200.8	0.00035	04/29/2019	17:42	E82574
1025	Fluoride	2.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	12:01	E84589
1028	Iron	0.3	mg/L	0.12		EPA 200.7	0.026	04/26/2019	19:08	E84589
1032	Manganese	0.05	mg/L	0.0040	I	EPA 200.8	0.00055	04/29/2019	17:42	E82574
1050	Silver	0.1	mg/L	0.000068	U	EPA 200.8	0.000068	04/29/2019	17:42	E82574
1055	Sulfate	250	mg/L	86		EPA 300.0	2.0	04/30/2019	12:01	E84589
1095	Zinc	5	mg/L	0.0052	U	EPA 200.8	0.0052	04/29/2019	17:42	E82574
1905	Color	15	PCU	2.7	U	SM 2120 B	2.7	04/18/2019	16:15	E84589
1920	Odor	3	TON @ 40°C	1.0	U	SM 2150 B	1.0	04/18/2019	13:47	E84589
1925	pH	6.5 - 8.5	SU	7.7	Q	SM 4500H+B		05/02/2019	09:10	E84589
1930	Total Dissolved Solids	500	mg/L	410		SM 2540 C	10	04/22/2019	10:00	E84589
2905	Foaming Agents	0.5	mg/L	0.040	U	SM 5540 C	0.040	04/19/2019	10:00	E82001

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – Please type or print legibly)

System Name: _____ PWS I.D.#:

6	5	1	1	4	2	3
---	---	---	---	---	---	---

System Type (check one): Community Nontransient Noncommunity Transient Noncommunity

Address: _____

City: _____ ZIP Code: _____

Phone #: _____ Fax #: _____ E-Mail Address: _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: T1906842005 Sample Date: 04/17/2019 Sample Time: 14:40 AM PM (circle one)

Sample Location (be specific): 11219 Merganser Location Code (if known) : _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.7 mg/L Field pH: 7.6

Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

Reason(s) for Sample (Check all that apply)

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance *
- Composite of Multiple Sites **
- Other: _____
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments: _____

***See 62-550.500(6) for requirements and restrictions.
And 62-550.512(3) for nitrate or nitrite exceedances.**

****See 62-550.550(4) for requirements and
attach a results page for each site.**

SAMPLER CERTIFICATION

I, _____, _____, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: _____ Date: _____

Certified Operator #: _____ Phone #: _____ Sampler's Fax #: _____

Sampler's E-Mail: _____

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or print legibly)

Lab Name: Advanced Environmental Laboratories, Inc Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2019

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Ave Tampa, FL 33619 Payments: P.O. Box Phone #: (813)630-9616

Were any analyses subcontracted? Yes No If yes, please provide DOH certification numbers: E82574 E82001

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED *

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 04/18/2019

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1906842005 Lab Assigned Report # or Job T1906842

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- All Except Asbestos
 Partial
 Nitrate
 Nitrite
 Asbestos Only

Synthetic Organics

- All 30
 All Except Dioxin
 Partial
 Dioxin Only

Volatile Organics

- All 21
 Partial

Disinfection Byproducts

- Trihalomethanes
 Haloacetic Acids
 Chlorite
 Bromate

Radionuclides

- Single Sample
 Qtrly Composite**

Secondaries

- All 14
 Partial

LAB CERTIFICATION

I, Joseph J. Vondrick, Project Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference

Signature:  Date: 05/02/2019

* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory: Yes No Replacement Sample or Report Requested: Yes No (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T1906842005

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate (as N)	10	mg/L	0.079	U	SM 4500NO3-F	0.079	04/18/2019	17:37	E84589
1041	Nitrite (as N)	1	mg/L	0.28		SM 4500NO3-F	0.077	04/18/2019	17:37	E84589
1005	Arsenic	0.010	mg/L	0.00016	I	EPA 200.8	0.000077	04/29/2019	17:45	E82574
1010	Barium	2	mg/L	0.013		EPA 200.8	0.00024	04/29/2019	17:45	E82574
1015	Cadmium	0.005	mg/L	0.000064	U	EPA 200.8	0.000064	04/29/2019	17:45	E82574
1020	Chromium	0.1	mg/L	0.0020	U	EPA 200.7	0.0020	04/26/2019	19:12	E84589
1024	Cyanide	0.2	mg/L	0.0048	U	SM 4500-CN-E	0.0048	04/29/2019	13:30	E84589
1025	Fluoride	4.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	12:17	E84589
1030	Lead	0.015	mg/L	0.00024	U	EPA 200.8	0.00024	04/29/2019	17:45	E82574
1035	Mercury	0.002	mg/L	0.000050	U	EPA 245.1	0.000050	04/24/2019	14:47	E84589
1036	Nickel	0.1	mg/L	0.0044	U	EPA 200.7	0.0044	04/26/2019	19:12	E84589
1045	Selenium	0.05	mg/L	0.00058	U	EPA 200.8	0.00058	04/29/2019	17:45	E82574
1052	Sodium	160	mg/L	33		EPA 200.7	0.17	04/26/2019	19:12	E84589
1074	Antimony	0.006	mg/L	0.00011	U	EPA 200.8	0.00011	04/29/2019	17:45	E82574
1075	Beryllium	0.004	mg/L	0.00029	U	EPA 200.7	0.00029	04/26/2019	19:12	E84589
1085	Thallium	0.002	mg/L	0.000057	U	EPA 200.8	0.000057	04/29/2019	17:45	E82574

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: T1906842005

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.025	U	EPA 200.7	0.025	04/26/2019	19:12	E84589
1017	Chloride	250	mg/L	32		EPA 300.0	2.0	04/30/2019	12:17	E84589
1022	Copper	1	mg/L	0.00066	I	EPA 200.8	0.00035	04/29/2019	17:45	E82574
1025	Fluoride	2.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	12:17	E84589
1028	Iron	0.3	mg/L	0.074	I	EPA 200.7	0.026	04/26/2019	19:12	E84589
1032	Manganese	0.05	mg/L	0.0035	I	EPA 200.8	0.00055	04/29/2019	17:45	E82574
1050	Silver	0.1	mg/L	0.000068	U	EPA 200.8	0.000068	04/29/2019	17:45	E82574
1055	Sulfate	250	mg/L	88		EPA 300.0	2.0	04/30/2019	12:17	E84589
1095	Zinc	5	mg/L	0.0052	U	EPA 200.8	0.0052	04/29/2019	17:45	E82574
1905	Color	15	PCU	2.7	U	SM 2120 B	2.7	04/18/2019	16:15	E84589
1920	Odor	3	TON @ 40°C	1.0	U	SM 2150 B	1.0	04/18/2019	13:47	E84589
1925	pH	6.5 - 8.5	SU	7.6	Q	SM 4500H+B		05/02/2019	09:10	E84589
1930	Total Dissolved Solids	500	mg/L	380		SM 2540 C	10	04/22/2019	10:00	E84589
2905	Foaming Agents	0.5	mg/L	0.040	U	SM 5540 C	0.040	04/19/2019	10:00	E82001

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or print legibly)

Lab Name: Advanced Environmental Laboratories, Inc Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2019

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Ave Tampa, FL 33619 Payments: P.O. Box Phone #: (813)630-9616

Were any analyses subcontracted? Yes No If yes, please provide DOH certification numbers: E82574 E82001

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED *

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 04/18/2019

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1906842006 Lab Assigned Report # or Job T1906842

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- All Except Asbestos
 Partial
 Nitrate
 Nitrite
 Asbestos Only

Synthetic Organics

- All 30
 All Except Dioxin
 Partial
 Dioxin Only

Volatile Organics

- All 21
 Partial

Disinfection Byproducts

- Trihalomethanes
 Haloacetic Acids
 Chlorite
 Bromate

Radionuclides

- Single Sample
 Qtrly Composite**

Secondaries

- All 14
 Partial

LAB CERTIFICATION

I, Joseph J. Vondrick, Project Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference

Signature:  Date: 05/02/2019

* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory: Yes No Replacement Sample or Report Requested: Yes No (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T1906842006

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate (as N)	10	mg/L	0.079	U	SM 4500NO3-F	0.079	04/18/2019	17:37	E84589
1041	Nitrite (as N)	1	mg/L	0.42		SM 4500NO3-F	0.077	04/18/2019	17:37	E84589
1005	Arsenic	0.010	mg/L	0.00024	I	EPA 200.8	0.000077	04/29/2019	17:49	E82574
1010	Barium	2	mg/L	0.014		EPA 200.8	0.00024	04/29/2019	17:49	E82574
1015	Cadmium	0.005	mg/L	0.000064	U	EPA 200.8	0.000064	04/29/2019	17:49	E82574
1020	Chromium	0.1	mg/L	0.0020	U	EPA 200.7	0.0020	04/26/2019	19:15	E84589
1024	Cyanide	0.2	mg/L	0.0048	U	SM 4500-CN-E	0.0048	04/29/2019	13:30	E84589
1025	Fluoride	4.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	12:33	E84589
1030	Lead	0.015	mg/L	0.00024	U	EPA 200.8	0.00024	04/29/2019	17:49	E82574
1035	Mercury	0.002	mg/L	0.000050	U	EPA 245.1	0.000050	04/24/2019	15:09	E84589
1036	Nickel	0.1	mg/L	0.0044	U	EPA 200.7	0.0044	04/26/2019	19:15	E84589
1045	Selenium	0.05	mg/L	0.00058	U	EPA 200.8	0.00058	04/29/2019	17:49	E82574
1052	Sodium	160	mg/L	33		EPA 200.7	0.17	04/26/2019	19:15	E84589
1074	Antimony	0.006	mg/L	0.00011	U	EPA 200.8	0.00011	04/29/2019	17:49	E82574
1075	Beryllium	0.004	mg/L	0.00029	U	EPA 200.7	0.00029	04/26/2019	19:15	E84589
1085	Thallium	0.002	mg/L	0.000057	U	EPA 200.8	0.000057	04/29/2019	17:49	E82574

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: T1906842006

PWS ID (From Page 1): 6511423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.025	U	EPA 200.7	0.025	04/26/2019	19:15	E84589
1017	Chloride	250	mg/L	32		EPA 300.0	2.0	04/30/2019	12:33	E84589
1022	Copper	1	mg/L	0.0014		EPA 200.8	0.00035	04/29/2019	17:49	E82574
1025	Fluoride	2.0	mg/L	0.26	I	EPA 300.0	0.20	04/30/2019	12:33	E84589
1028	Iron	0.3	mg/L	0.27		EPA 200.7	0.026	04/26/2019	19:15	E84589
1032	Manganese	0.05	mg/L	0.0071		EPA 200.8	0.00055	04/29/2019	17:49	E82574
1050	Silver	0.1	mg/L	0.000068	U	EPA 200.8	0.000068	04/29/2019	17:49	E82574
1055	Sulfate	250	mg/L	86		EPA 300.0	2.0	04/30/2019	12:33	E84589
1095	Zinc	5	mg/L	0.0052	U	EPA 200.8	0.0052	04/29/2019	17:49	E82574
1905	Color	15	PCU	2.7	U	SM 2120 B	2.7	04/18/2019	16:15	E84589
1920	Odor	3	TON @ 40°C	1.0	U	SM 2150 B	1.0	04/18/2019	13:47	E84589
1925	pH	6.5 - 8.5	SU	7.6	Q	SM 4500H+B		05/02/2019	09:10	E84589
1930	Total Dissolved Solids	500	mg/L	380		SM 2540 C	10	04/22/2019	10:00	E84589
2905	Foaming Agents	0.5	mg/L	0.040	U	SM 5540 C	0.040	04/19/2019	10:00	E82001

*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

