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Orlando Fort Pierce Tallahassee Tampa

Viera/Melbourne

MARTIN FRIEDMAN 407-310-2077 mfriedman@deanmead.com

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)

A Member of ALFA International - The Global Legal Network

| PUBLIC WATER SYSTEM INFORMATION (to | b 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 #: Fa | x #: E-Mail Address: |
| SAMPLE INFORMATION (to be completed by s. | |
| Sample Number: <u>T1906842001</u> | Sample Date: 04/17/2019 Sample Time: 14:10 AM PM (circle one) |
| Sample Location (be specific): 11619 English E | Im Location Code (if known): |
| Disinfectant Residual (Required when reporting resul | ts for trihalomethanes and haloacetic acids):0.7 mg/L Field pH: |
| 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 | Reason(s) for Sample (Check all that apply) Routine Compliance with 62-550 Replacement (of Invalidated Sample) Confirmation of MCL Exceedance * Special (not for compliance with 62-550) Composite of Multiple Sites ** Clearance (permitting) Other: Sampling Procedure Used or Other Comments: |
| Near First Customer | *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 |
| 1, | , 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: | |
| Reporting Format 62-550 730 | |

Reporting Format 62-550.730 Effective January 1995, Revised February 2010

| LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or | r 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? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | ication numbers: E82574 E82001 |
| AT | TACH 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): T190 | 06842001 Lab Assigned Report # or Job <u>T1906842</u> |
| Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Che | eck all that apply): |
| Inorganics Synthetic Organics Volatile Organics Disinfection X All Except Asbestos All 30 All 21 Trihalome Partial All Except Dioxin Partial Haloaceti X Nitrate Partial Chlorite X Nitrite Dioxin Only Bromate | ethanes Single Sample X All 14 |
| LAB CERTIFICA | ATION |
| I, Joseph J. Vondrick , Project Mana | iger, do HEREBY CERTIFY |
| (Print Name) | (Print Title) |
| that all attached analytical data are correct and unless noted meet all requirements of the | e National Environmental Laboratory Accreditation Conference |
| Signature:Date: | 05/02/2019 |
| * Failure to provide a val d and current Florida DOH lab certification number and a current Analyte report, possible enforcement against the public water system for failure to sample, and may res ** Please provide radiological sample dates & locations for each quarter. | |
| CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non | S FOR NITRATE OR NITRITE MCL EXCEEDANCES -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 Re | eport Requested: Yes No (circle or highlight group(s) above) |
| Person Notified: Date Notified: | DEP/DOH Reviewing Official: |

INORGANIC CONTAMINANTS

62-550.310(1)

Report Number / Job ID: T1906842001

PWS ID (From Page 1):

6511423

| 1 110 is (110iii) ago 1) | | | | | | | | | | |
|--------------------------|----------------|-------|-------|--------------------|------------|----------------------|------------|------------------|------------------|--------------------------|
| 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 |

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: <u>T1906842001</u>

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 | рН | 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 |

| 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 samp | ler) |
| Sample Number: <u>T1906842002</u> | Sample Date: 04/17/2019 Sample Time: 14:00 AM PM (circle one) |
| Sample Location (be specific): 11704 Rose Tree | Location Code (if known): |
| Disinfectant Residual (Required when reporting results fo | r trihalomethanes and haloacetic acids):2.4 mg/L Field pH:7.6 |
| Sample Type (Check Only One) | Reason(s) for Sample (Check all that apply) |
| Distribution | Routine Compliance with 62-550 Replacement (of Invalidated Sample) |
| Entry Point (to Distribution) | Confirmation of MCL Exceedance * Special (not for compliance with 62-550) |
| Plant Tap (not for compliance with 62-550) | Composite of Multiple Sites ** Clearance (permitting) |
| Raw (at well or intake) | Other: |
| Max Residence Time | Sampling Procedure Used or Other Comments: |
| Ave Residence Time | Camping Procedure esca of Canon Comments. |
| ☐ Near First Customer | *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 sa | ample collection information is complete and correct. |
| Signature: | Date: |
| Certified Operator #: | Phone #: Sampler's Fax #: |
| Sampler's E-Mail: | |
| Reporting Format 62-550 730 | |

Reporting Format 62-550.730 Effective January 1995, Revised February 2010

| LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or print legible) | oly) |
|--|---|
| 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 # | : <u>(813)630-9616</u> |
| Were any analyses subcontracted? | mbers: <u>E82574 E82001</u> |
| ATTACH DOI | H ANALYTE SHEET FOR EACH SUBCONTRACTED * |
| ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 04/18/2 | 2019 |
| PWS ID (From Page 1): <u>6511423</u> Sample Number (From Page 1): <u>T1906842002</u> | Lab Assigned Report # or Job T1906842 |
| Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that a | apply): |
| Inorganics Synthetic Organics Volatile Organics Disinfection Byproduct X All Except Asbestos All 30 All 21 Trihalomethanes Partial All Except Dioxin Partial Haloacetic Acids X Nitrate Partial Chlorite X Nitrite Dioxin Only Bromate | Radionuclides Secondaries Single Sample Qtrly Composite** Partial |
| LAB CERTIFICATION | |
| I, Joseph J, Vondrick , Project Manager | , do HEREBY CERTIFY |
| (Print Name) (Print Ti | tle) |
| that all attached analytical data are correct and unless noted meet all requirements of the Nationa | I Environmental Laboratory Accreditation Conference |
| Signature: Date: | //2019 |
| Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for report, possible enforcement against the public water system for failure to sample, and may result in notific ** Please provide radiological sample dates & locations for each quarter. | |
| CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NIT NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects re | RATE OR NITRITE MCL EXCEEDANCES eported 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 Requ | uested: Yes No (circle or highlight group(s) above) |
| Person Notified: Date Notified: [| DEP/DOH Reviewing Official: |

INORGANIC CONTAMINANTS

62-550.310(1)

Report Number / Job ID: T1906842002

PWS ID (From Page 1):

6511423

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|--------------------------|----------------|-------|-------|--------------------|------------|----------------------|------------|------------------|------------------|--------------------------|
| 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 | 1 | 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 | 1 | 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 |

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: <u>T1906842002</u>

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 | рН | 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 |

| PUBLIC WATER SYSTEM INFORMATION (to be o | 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 I | Nontransient Noncommunity |
| Address: | |
| City: | ZIP Code: <u>33619</u> |
| Phone #: Fax #: | E-Mail Address: <u>DUvino@AELLab.com</u> |
| SAMPLE INFORMATION (to be completed by sample | |
| Sample Number: <u>T1906842003</u> | Sample Date: 04/17/2019 Sample Time: 13:50 AM PM (circle one) |
| Sample Location (be specific): 11436 Golf Rd | Location Code (if known): |
| Disinfectant Residual (Required when reporting results for | trihalomethanes and haloacetic acids): mg/L Field pH: |
| Sample Type (Check Only One) | Reason(s) for Sample (Check all that apply) |
| Distribution | Routine Compliance with 62-550 Replacement (of Invalidated Sample) |
| Entry Point (to Distribution) | Confirmation of MCL Exceedance * Special (not for compliance with 62-550) |
| Plant Tap (not for compliance with 62-550) | Composite of Multiple Sites ** Clearance (permitting) |
| Raw (at well or intake) | Other: |
| Max Residence Time | Sampling Procedure Used or Other Comments: |
| Ave Residence Time | |
| ☐ Near First Customer * | **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 sa | mple collection information is complete and correct. |
| Signature: | |
| Certified Operator #: | Phone #: Sampler's Fax #: |
| Sampler's E-Mail: | |
| Reporting Format 62-550 730 | |

| LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type of | r 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? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | ication numbers: E82574 E82001 |
| AT | TACH 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): T190 | 06842003 Lab Assigned Report # or Job <u>T1906842</u> |
| Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Che | eck all that apply): |
| Inorganics Synthetic Organics Volatile Organics Disinfection X All Except Asbestos All 30 All 21 Trihalome Partial All Except Dioxin Partial Haloacet X Nitrate Partial Chlorite X Nitrite Dioxin Only Bromate | ethanes Single Sample X All 14 |
| LAB CERTIFICA | ATION |
| I, Joesph J. Vondrick , Project Mana | iger, do HEREBY CERTIFY |
| (Print Name) | (Print Title) |
| that all attached analytical data are correct and unless noted meet all requirements of the | e 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 report, possible enforcement against the public water system for failure to sample, and may res ** Please provide radiological sample dates & locations for each quarter. | |
| CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non | S FOR NITRATE OR NITRITE MCL EXCEEDANCES -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 Re | eport Requested: Yes No (circle or highlight group(s) above) |
| Person Notified: Date Notified: | DEP/DOH Reviewing Official: |

INORGANIC CONTAMINANTS

62-550.310(1)

Report Number / Job ID: T1906842003

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 | 0.11 | | SM 4500NO3-F | 0.079 | 04/18/2019 | 17:39 | E84589 |
| 1041 | Nitrite (as N) | 1 | mg/L | 0.14 | | SM 4500NO3-F | 0.077 | 04/18/2019 | 17:39 | E84589 |
| 1005 | Arsenic | 0.010 | mg/L | 0.00015 | I | EPA 200.8 | 0.000077 | 04/29/2019 | 17:36 | E82574 |
| 1010 | Barium | 2 | mg/L | 0.014 | | EPA 200.8 | 0.00024 | 04/29/2019 | 17:36 | E82574 |
| 1015 | Cadmium | 0.005 | mg/L | 0.000064 | U | EPA 200.8 | 0.000064 | 04/29/2019 | 17:36 | E82574 |
| 1020 | Chromium | 0.1 | mg/L | 0.0020 | U | EPA 200.7 | 0.0020 | 04/26/2019 | 19:04 | 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 | 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 |
| 1075 | Beryllium | 0.004 | mg/L | 0.00029 | U | EPA 200.7 | 0.00029 | 04/26/2019 | 19:04 | E84589 |
| 1085 | Thallium | 0.002 | mg/L | 0.000057 | U | EPA 200.8 | 0.000057 | 04/29/2019 | 17:36 | E82574 |

SECONDARY CONTAMINANTS

62-550.320

Report Number / Job ID: T1906842003

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 | 19:04 | E84589 |
| 1017 | Chloride | 250 | mg/L | 32 | | EPA 300.0 | 2.0 | 04/30/2019 | 11:46 | E84589 |
| 1022 | Copper | 1 | mg/L | 0.0015 | | EPA 200.8 | 0.00035 | 04/29/2019 | 17:36 | E82574 |
| 1025 | Fluoride | 2.0 | mg/L | 0.26 | I | EPA 300.0 | 0.20 | 04/30/2019 | 11:46 | E84589 |
| 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 | рН | 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 |

| 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 samp | ler) | | | | | |
| Sample Number: <u>T1906842004</u> | Sample Date: 04/17/2019 Sample Time: 14:20 AM PM (circle one) | | | | | |
| Sample Location (be specific): 11800 lvywood | Location Code (if known): | | | | | |
| Disinfectant Residual (Required when reporting results fo | r trihalomethanes and haloacetic acids):1.5 mg/L Field pH:7.7 | | | | | |
| Sample Type (Check Only One) | Reason(s) for Sample (Check all that apply) | | | | | |
| Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Routine Compliance with 62-550 Replacement (of Invalidated Sample) Confirmation of MCL Exceedance * Special (not for compliance with 62-550) Plant Tap. (not for compliance with 63-550) | | | | | | |
| | | | | | | |
| | | | | | | |
| Raw (at well or intake) | Other: | | | | | |
| Max Residence Time | Sampling Procedure Used or Other Comments: | | | | | |
| Ave Residence Time | Camping Proceeds Cook of Canon Comments. | | | | | |
| ☐ Near First Customer | *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 sa | ample collection information is complete and correct. | | | | | |
| Signature: | Date: | | | | | |
| Certified Operator #: | Phone #: Sampler's Fax #: | | | | | |
| Sampler's E-Mail: | | | | | | |
| Reporting Format 62-550 730 | | | | | | |

| LABORATORY CERTIFICATION INFORMATION (to be completed by lab – Please type or | r 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? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | ication numbers: E82574 E82001 |
| AT | TACH 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): T190 | 06842004 Lab Assigned Report # or Job <u>T1906842</u> |
| Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Che | eck all that apply): |
| Inorganics Synthetic Organics Volatile Organics Disinfection X All Except Asbestos All 30 All 21 Trihalome Partial All Except Dioxin Partial Haloaceti X Nitrate Partial Chlorite X Nitrite Dioxin Only Bromate | ethanes Single Sample X All 14 |
| LAB CERTIFICA | ATION |
| I, Joseph J. Vondrick , Project Mana | ger, do HEREBY CERTIFY |
| (Print Name) | (Print Title) |
| that all attached analytical data are correct and unless noted meet all requirements of the | e 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 report, possible enforcement against the public water system for failure to sample, and may res ** Please provide radiological sample dates & locations for each quarter. | |
| CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non | S FOR NITRATE OR NITRITE MCL EXCEEDANCES -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 Re | eport Requested: Yes No (circle or highlight group(s) above) |
| Person Notified: Date Notified: | DEP/DOH Reviewing Official: |

INORGANIC CONTAMINANTS

62-550.310(1)

Report Number / Job ID: T1906842004

PWS ID (From Page 1):

6511423

| | 1 113 12 (116)111 dgc 1/. | | | | | | | | | |
|--------------|---------------------------|-------|-------|--------------------|------------|----------------------|------------|------------------|------------------|--------------------------|
| 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 |

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 | рН | 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 |

| PUBLIC WATER SYSTEM INFORMATION (to be o | 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 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): | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Routine Compliance with 62-550 Replacement (of Invalidated Sample) Confirmation of MCL Exceedance * Special (not for compliance with 62-550) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Campung i recedure coda en canon commente. | | | | | | |
| Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids):1,7 mg/L Field pH:7.6 | | | | | | | |
| | SAMPLER CERTIFICATION | | | | | | |
| I, | , do HEREBY CERTIFY | | | | | | |
| (Print Name) | (Print Title) | | | | | | |
| that the above public water system and sar | mple collection information is complete and correct. | | | | | | |
| Signature: | Date: | | | | | | |
| Certified Operator #: | Phone #: Sampler's Fax #: | | | | | | |
| Sampler's E-Mail: | | | | | | | |
| Reporting Format 62-550 730 | | | | | | | |

| LABORATORY CERTIFICATION INFORMATION (to be completed by | lab – Please type o | r print legibly) | |
|---|--|---------------------------------------|---|
| Lab Name: Advanced Environmental Laboratories, Inc Florida DOI | H Certification #: | E84589 | Certification Expiration Date: 06/30/2019 |
| | | ATTACH CU | JRRENT DOH ANALYTE * |
| Address: 9610 Princess Palm Ave Tampa, FL 33619 Paymen | ts: P.O. Box | Phone #: | (813)630-9616 |
| Were any analyses subcontracted? X Yes No If yes, please p | provide DOH certi | ication numb | pers: <u>E82574 E82001</u> |
| | A ⁻ | TACH DOH A | NALYTE SHEET FOR EACH SUBCONTRACTED * |
| ANALYSIS INFORMATION (to be completed by lab) Date Sa | mple(s) Received | : <u>04/18/201</u> | 9 |
| PWS ID (From Page 1): 6511423 Sample Number | (From Page 1): <u>T19</u> | 06842005 | Lab Assigned Report # or Job T1906842 |
| Group(s) Analyzed & Results attached for compliance with Chapter 62 | ?-550, F.A.C. (Ch | eck all that appl | y): |
| Inorganics Synthetic Organics Volatile Organic | S Disinfection | Byproducts | Radionuclides <u>Secondaries</u> |
| X All Except Asbestos All 30 All 21 | Trihalom | ethanes | Single Sample X All 14 |
| Partial All Except Dioxin Partial | Haloace | ic Acids | Qtrly Composite** Partial |
| X Nitrate Partial | Chlorite | | |
| X Nitrite Dioxin Only | ☐ Bromate | | |
| Asbestos Only | | | |
| L | AB CERTIFICA | ATION | |
| I, Joseph J. Vondrick , | Project Mana | ager | , do HEREBY CERTIFY |
| (Print Name) | | (Print Title) | |
| that all attached analytical data are correct and unless noted meet all | requirements of th | e National E | nvironmental Laboratory Accreditation Conference |
| Signature: July Vondnik | Date: | 05/02/20 | 019 |
| * Failure to provide a valid and current Florida DOH lab certification number a report, possible enforcement against the public water system for failure to s ** Please provide radiological sample dates & locations for each quarter. | and a current Analy cample, and may res | e Sheet for the sult in notificati | e attached analysis results will result in rejection of the ion of the DOH Bureau of Laboratory Services. |
| CONFIRMATION & NOTIFICATION IS REQUIR | RED WITHIN 24 HR | S FOR NITRA | TE OR NITRITE MCL EXCEEDANCES |
| NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QL | JALIFIER. (No | n-detects repo | orted as "BDL" or with a "<" are not acceptable.) |
| COMPLIANCE DETERMINATION (to be completed by DEP or DOH attack | n notes as necessary) | | |
| Sample Collection & Analysis Satisfactory: Yes No Replacer | | eport Reques | sted: Yes No (circle or highlight group(s) above) |
| Person Notified: Date Notified | ed: | DE | P/DOH Reviewing Official: |

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 |

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 | рН | 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 |

| PUBLIC WATER SYSTEM INFORMATION (to b | e completed by sampler – Ple | ase type or print legibly) | | ı —— |
|---|------------------------------------|----------------------------|--|------------|
| System Name: | | | _ PWS I.D.#: 6 5 1 1 4 2 | 3 |
| System Type (check one): Community | Nontransient Noncommul | nity Transient N | loncommunity | |
| Address: | | | | |
| City: | | | ZIP Code: | |
| Phone #: Fax: | #: | E-Mail A | | |
| | | | | |
| Sample Number: <u>T1906842006</u> | Sample Date: 04/ | 17/2019 | Sample Time: 14:30 AM PM (circle | one) |
| Sample Location (be specific): 11001 Kiskadee | | | Location Code (if known): | |
| Disinfectant Residual (Required when reporting results | for trihalomethanes and haloacetic | c acids):1.0 mg/l | L Field pH: <u>7.6</u> | |
| Sample Type (Check Only One) | | Reason(s) for Sample | e (Check all that apply) | |
| - | Routine Complia | | Replacement (of Invalidated Sample) | |
| Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): | | | Special (not for compliance with 62-550) | |
| | <u> </u> | <u> </u> | Clearance (permitting) | |
| | | - | <u> </u> | |
| | | | | |
| | Camping 1 1000dai | o dood of dutor domin | iono. | |
| | | | | d |
| | SAMPLE | R CERTIFICATION | 1 | |
| I. | | | , do HEREBY CERTIF | - Y |
| (Print Name) | | (Print Titl | ' | |
| that the above public water system and s | sample collection inforr | mation is complete | and correct. | |
| Signature: | • | | | |
| Certified Operator #: | Phone #: | | Sampler's Fax #: | |
| Sampler's E-Mail: | | | | |
| Penarting Format 62-550 730 | | | | |

| LABORATORY CERTIFICATION INFORMATION (to be completed | by lab - Please type or print legibly) | |
|---|---|---|
| Lab Name: Advanced Environmental Laboratories, Inc Florida Do | OH Certification #: E84589 | Certification Expiration Date: 06/30/2019 |
| | ATTACH CURR | RENT DOH ANALYTE * |
| Address: 9610 Princess Palm Ave Tampa, FL 33619 Payme | ents: P.O. Box Phone #: (81 | 13)630-9616 |
| Were any analyses subcontracted? $\begin{tabular}{ c c c c c c c }\hline X \end{tabular}$ Yes $\begin{tabular}{ c c c c c c c }\hline No & If yes, please$ | e provide DOH certification numbers | s: <u>E82574 E82001</u> |
| | ATTACH DOH ANA | LYTE SHEET FOR EACH SUBCONTRACTED * |
| ANALYSIS INFORMATION (to be completed by lab) Date S | Sample(s) Received: 04/18/2019 | |
| PWS ID (From Page 1): 6511423 Sample Number | er (From Page 1): <u>T1906842006</u> | 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 Synthetic Organics Volatile Organics X All Except Asbestos All 30 All 21 Partial All Except Dioxin Partial X Nitrate Partial X Nitrite Dioxin Only Asbestos Only | Disinfection Byproducts Trihalomethanes Haloacetic Acids Chlorite Bromate | Radionuclides Secondaries Single Sample Qtrly Composite** 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 a | II requirements of the National Envir | ronmental Laboratory Accreditation Conference |
| Signature:Vondnik | Date: _05/02/2019 |) |
| * Failure to provide a valid and current Florida DOH lab certification number report, possible enforcement against the public water system for failure to the system provide radiological sample dates & locations for each quarter. | er and a current Analyte Sheet for the attors and sample, and may result in notification of | tached analysis results will result in rejection of the of the DOH Bureau of Laboratory Services. |
| CONFIRMATION & NOTIFICATION IS REQUIRED NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" (| | OR NITRITE MCL EXCEEDANCES ed as "BDL" or with a "<" are not acceptable.) |
| COMPLIANCE DETERMINATION (to be completed by DEP or DOH atta | ach notes as necessary) | |
| Sample Collection & Analysis Satisfactory: Yes No Replac | • , | d: Yes No (circle or highlight group(s) above) |
| Person Notified: Date Noti | · | DOH Reviewing Official: |

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 | υ | 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 |

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 | рН | 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 |

| (FL) | Advanced Environmental Laboratories, Inc. |] |
|------|--|---|
| | Horida's Largest Laboratory Network | [|

Relinquished by:

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Date

4/18/19

Time

900



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(When PWS Information not otherwise supplied) PWS ID:

Phone:_

Contact Person:

Supplier of Water:

Site-Address:

75

| | Page | of |
|--------------|---|------------------|
| Gainesville: | 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 | Fax 352.395.6639 |

Miramar: 10200 USA Today Way, Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281

Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

| ent Name: | | | Project Name: Summertre & Project Number: | | | | BOTTLE SIZE & TYPE | | | | | | | | | | | | | |
|------------------|--------------------------------------|-------------|---|----------------|------------|-----------|-----------------------|------------------------|--------|--------|----------|--------------|--------------|------------|--------|-------|-------------|-------|------------------------|--|
| | | PO Numi | ber: 25 | 2129 | , 1 | | | | | | | | | | | | | | ER | |
| Phone: 977 ~ 0 | 934-9137 | FDEP Fa | cility No: | 5114 | Z3 | | | REC | S | | | | | | | | | | MB | |
| AX: | | FDEP Fa | cility Addres | ss: | | | | I I | - | | | 5 | 37 | P . | | | | | N | |
| Contact: Tess | Becker | | | | | | | ANALYSIS REQUIRED | 17 | | 10 | 200.7 metals | 200.8 metals | 2dor/Color | | | | | LABORATORY I.D. NUMBER | |
| Sampled By: 3 | # Becker | Special I | nstructions: | moles | take- | nat F | -H | ILYS | 1 \$ 0 | TDS | MBAS | 7 12 | 8 | - | | | | |)RY | |
| urn Around Time: | STANDARD RUSH | | | | | | | ANA | 0.00 | IF | 5 | 0, | 8 | 9 | | | | | ATC | |
| EL Profile #: | | □A | DaPT | ☐ EQuIS | Oth | ner | | | 64 | 1 | 2 | 2 | 20 | Q | | | | | OR/ | |
| SAMPLE ID | SAMPLE DESCRIPTION | N | Grab | SAM | PLING | MATRIX | NO. | Preservation Field- | 1 | | | | | | | | | | AB(| |
| O/ WIT EE 1D | 57 WHI 22 5 2 5 7 WHI 17 1 | | Comp | DATE | TIME | | COUNT | Filtered? | _ | - | <u> </u> | | | | | | | - | | |
| | 11619 English Elm (1 | 2-0.7 | X | 4/17/19 | 1410 | | | | Ш | | | | 1 | | | | | | ଚବ | |
| 2 | 11704 Rose Tree CLZ | 2-2.4 | × | | 1400 | | | | | | | | Ш | | | | | | 2 | |
| 3 | 11436 Golf Rd CL2 | -2.1 | X | | 1350 | | | | | | | | | | | | | 1 | 003 | |
| | 11800 Ivywood CLZ | -1.5 | × | | 1420 | | | | | | | | | | | | | 2 | 204 | |
| | 11719 Merganser CLZ | | | | 1440 | | | | | | | | | | | | | - 5 | 05 | |
| 6 | 11001 Kiskadee CLZ | -1.0 | × | 1 | 1430 | 1 | | | V | V | W | V | V | V | | | | C | 306 | |
| 3 | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Matrix Code: WW | = wastewater SW = suprace water GW = | ground wate | er DW = c | Irinking water | er 9 = oil | A = air S | SO = soil | SL = slud | | | | | | _ | | | T = (Sodi | - | | |
| Received on Ice | Yes No Temp taken from sam | ple _ | Temp fro | | Where re | | | | | | | | | | | | (corrected) | | °C | |
| OCN: AD-051 Form | a last revised 11/17/16 | | 354.5 | | evice used | | | | _ | | | | | | 2 7:10 | A: 3A | M: 3A | S: 1V | | |
| Relin | nguished by: Date Time | | Red | eived by: | | Date | Time | е | II FO | OR DRI | NKINO | i WAT | ER US | E: | _ | - | | | | |