

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: August 31, 2010
TO: Ann Cole, Commission Clerk, Office of Commission Clerk
FROM: Thomas J. Walden, Utilities System/Engineering Specialist, Division of Economic Regulation
RE: Docket No. 090462-WS; Application for increase in water and wastewater rates in Marion, Orange, Pasco, Pinellas, and Seminole Counties by Utilities Inc. of Florida

Attached is correspondence from the Utility including test results from recent water testing of water samples at the Summertree water system in Pasco County. These water tests were conducted at the request of the Commission at the August 3, 2010 agenda.

TW

attachment

RECEIVED - FPSC
10 AUG 31 AM 11:13
COMMISSION
CLERK

DOCUMENT NUMBER-DATE

07231 AUG 31 2

FPSC-COMMISSION CLERK

Tom Walden

From: Christian W. Marcelli [CMarcelli@RSBattorneys.com]
Sent: Monday, August 30, 2010 4:05 PM
To: Bart Fletcher; Andrew Maurey; Cheryl Bulecza-Banks; Rick Wright; Jared Deason; Tonya Linn; Tom Walden; Keino Young
Cc: REILLY.STEVE; Charles Rehwinkel; MERCHANT.TRICIA; VANDIVER.DENISE; Martin Friedman; Steve Lubertozzi; Kirsten Weeks; John Williams; Patrick Flynn
Subject: UIF Water testing results (Docket No. 090462)
Attachments: Lab analyses Wells 1 & 2 & 13 Aug26 2010.pdf

Bart,

Pursuant to the action taken by the Commission at the Agenda Conference on Tuesday, August 3, 2010, I am attaching a copy of the results of the water testing and lab analysis performed at Summertree in the UIF Rate Case (Docket No. 090462). Please note that these tests are within acceptable limits. I will assume that OPC will forward this information to their clients. According to the Agenda transcript, Staff will "take administrative steps to implement rates" once the testing results have been submitted to Staff. As such, please let me know when we can expect the PAA Order in this matter.

Also, the Utility is continuing to prepare a response to Staff's August 11, 2010 letter and you should have that information soon. Feel free to contact me if you have any questions or concerns.

Regards,
 Christian

Christian Marcelli, Esquire
 Rose, Sundstrom & Bentley, LLP
 2180 W. State Road 434
 Suite 2118
 Longwood, FL 32779
 (407) 830-6331 (Phone)
 (407) 830-8522 (Fax)
www.rsbattoorneys.com

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DOCUMENT NUMBER-DATE
 07231 AUG 31 09
 FPSC-COMMISSION CLERK

8/31/2010

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: Summertree 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: T1010594001 Sample Date: 08/05/2010 Sample Time: 08:30

AM

 PM (circle one)

Sample Location (be specific): POE - Well 1 Location Code (if known) : _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): _____ mg/L Field pH: 7.15

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
- 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: _____

*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, Stephen Habery, Operator, 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: 06/30/2010

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Avenue Tampa, FL 33619 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: 08/05/2010

PWS ID (From Page 1): 051423 Sample Number (From Page 1): T1010594001 Lab Assigned Report # or Job T1010594

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

- | | | | | | |
|--|--|---|--|--|--|
| <p><u>Inorganics</u></p> <input checked="" type="checkbox"/> All Except Asbestos
<input type="checkbox"/> Partial
<input checked="" type="checkbox"/> Nitrate
<input checked="" type="checkbox"/> Nitrite
<input type="checkbox"/> Asbestos Only | <p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30
<input type="checkbox"/> All Except Dioxin
<input type="checkbox"/> Partial
<input type="checkbox"/> Dioxin Only | <p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21
<input type="checkbox"/> Partial | <p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes
<input type="checkbox"/> Haloacetic Acids
<input type="checkbox"/> Chlorite
<input type="checkbox"/> Bromate | <p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample
<input type="checkbox"/> Qtrly Composite** | <p><u>Secondaries</u></p> <input checked="" type="checkbox"/> All 14
<input type="checkbox"/> Partial |
|--|--|---|--|--|--|

LAB CERTIFICATION

I, Tammie Heslin, CSM, 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: [Signature] Date: 8/25/10

* 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: T1010594001

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	10	mg/L	0.039	U	SM 4500NO3-F	0.039	08/06/2010	10:47	E84589
1041	Nitrite	1	mg/L	0.022	U	SM 4500NO3-F	0.022	08/06/2010	10:47	E84589
1005	Arsenic	0.010	mg/L	0.00046	I	EPA 200.8	0.00012	08/17/2010	16:07	E82574
1010	Barium	2	mg/L	0.0092		EPA 200.8	0.00027	08/17/2010	16:07	E82574
1015	Cadmium	0.005	mg/L	0.00020	U	EPA 200.8	0.00020	08/17/2010	16:07	E82574
1020	Chromium	0.1	mg/L	0.00050	U	EPA 200.7	0.00050	08/10/2010	13:51	E82574
1024	Cyanide	0.2	mg/L	0.00097	U	SM 4500-CN-E	0.00097	08/11/2010	15:35	E84589
1025	Fluoride	4.0	mg/L	0.068	I	EPA 300.0	0.055	08/16/2010	16:45	E84589
1030	Lead	0.015	mg/L	0.00012	I	EPA 200.8	0.000037	08/17/2010	16:07	E82574
1035	Mercury	0.002	mg/L	0.000014	U	EPA 245.1	0.000014	08/10/2010	13:49	E84589
1036	Nickel	0.1	mg/L	0.0011	U	EPA 200.7	0.0011	08/10/2010	13:51	E82574
1045	Selenium	0.05	mg/L	0.00063	U	EPA 200.8	0.00063	08/17/2010	16:07	E82574
1052	Sodium	160	mg/L	8.8		EPA 200.7	0.026	08/10/2010	13:51	E82574
1074	Antimony	0.006	mg/L	0.000091	U	EPA 200.8	0.000091	08/17/2010	16:07	E82574
1075	Beryllium	0.004	mg/L	0.00013	U	EPA 200.7	0.00013	08/10/2010	13:51	E82574
1085	Thallium	0.002	mg/L	0.000026	U	EPA 200.8	0.000026	08/17/2010	16:07	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: T1010594001

PWS ID (From Page 1): 6511403

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	0.061	U	EPA 200.7	0.061	08/10/2010	13:51	E82574
1017	Chloride	250	mg/L	13		EPA 300.0	2.3	08/16/2010	16:45	E84589
1022	Copper	1	mg/L	0.00097		EPA 200.8	0.000085	08/17/2010	16:07	E82574
1025	Fluoride	2.0	mg/L	0.068	I	EPA 300.0	0.055	08/16/2010	16:45	E84589
1028	Iron	0.3	mg/L	0.080	I	EPA 200.7	0.038	08/10/2010	13:51	E82574
1032	Manganese	0.05	mg/L	0.0047		EPA 200.8	0.000073	08/17/2010	16:07	E82574
1050	Silver	0.1	mg/L	0.000086	U	EPA 200.8	0.000086	08/17/2010	16:07	E82574
1055	Sulfate	250	mg/L	4.7	I	EPA 300.0	2.1	08/16/2010	16:45	E84589
1095	Zinc	5	mg/L	0.0044	I	EPA 200.8	0.00041	08/17/2010	16:07	E82574
1905	Color	15	Color Units	12		SM 2120B	3.0	08/06/2010	11:27	E84589
1920	Odor	3	T.O.N. @ 40°C	1.0	U	SM 2150B	1.0	08/06/2010	09:00	E84589
1925	pH	6.5 - 8.5	pH unit	7.15		SM 4500H+B	0.10	08/16/2010	07:50	E84589
1930	Total Dissolved Solids	500	mg/L	250		SM 2540C	10	08/06/2010	10:44	E84589
2905	Foaming Agents	0.5	mg/L	0.20	I	SM 5540C	0.050	08/06/2010	11:20	E82001

**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: Summertree

PWS I.D.#:

6511423

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: T1010594002

Sample Date: 08/05/2010

Sample Time: 08:47

AM PM (circle one)

Sample Location (be specific): POE - Well 2

Location Code (if known) : _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): _____ mg/L

Field pH: 7.22

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
- 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: _____

*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, Stephen Habery, Operator, 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: 06/30/2010

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Avenue Tampa, FL 33619 Phone #: (813)630-9616

Were any analyses subcontracted? Yes No If yes, please provide DOH certification numbers: E82374, E8200

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED *

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 08/05/2010

PWS ID (From Page 1): 6511423 Sample Number (From Page 1): T1010594002 Lab Assigned Report # or Job T1010594

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

- | | | | | | |
|--|--|---|--|--|--|
| <p><u>Inorganics</u></p> <input checked="" type="checkbox"/> All Except Asbestos
<input type="checkbox"/> Partial
<input checked="" type="checkbox"/> Nitrate
<input checked="" type="checkbox"/> Nitrite
<input type="checkbox"/> Asbestos Only | <p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30
<input type="checkbox"/> All Except Dioxin
<input type="checkbox"/> Partial
<input type="checkbox"/> Dioxin Only | <p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21
<input type="checkbox"/> Partial | <p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes
<input type="checkbox"/> Haloacetic Acids
<input type="checkbox"/> Chlorite
<input type="checkbox"/> Bromate | <p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample
<input type="checkbox"/> Qtrly Composite** | <p><u>Secondaries</u></p> <input checked="" type="checkbox"/> All 14
<input type="checkbox"/> Partial |
|--|--|---|--|--|--|

LAB CERTIFICATION

I, Tammie Heslin, CSM, 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: [Signature] Date: 8/23/10

* 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: T1010594002

PWS ID (From Page 1): 651423

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate	10	mg/L	0.039	U	SM 4500NO3-F	0.039	08/06/2010	10:47	E84589
1041	Nitrite	1	mg/L	0.022	U	SM 4500NO3-F	0.022	08/06/2010	10:47	E84589
1005	Arsenic	0.010	mg/L	0.00030	I	EPA 200.8	0.00012	08/17/2010	17:03	E82574
1010	Barium	2	mg/L	0.010		EPA 200.8	0.00027	08/17/2010	17:03	E82574
1015	Cadmium	0.005	mg/L	0.00020	U	EPA 200.8	0.00020	08/17/2010	17:03	E82574
1020	Chromium	0.1	mg/L	0.00050	U	EPA 200.7	0.00050	08/10/2010	13:55	E82574
1024	Cyanide	0.2	mg/L	0.00097	U	SM 4500-CN-E	0.00097	08/11/2010	15:35	E84589
1025	Fluoride	4.0	mg/L	0.10	I	EPA 300.0	0.055	08/16/2010	16:45	E84589
1030	Lead	0.015	mg/L	0.000061	I	EPA 200.8	0.000037	08/17/2010	17:03	E82574
1035	Mercury	0.002	mg/L	0.000014	U	EPA 245.1	0.000014	08/10/2010	13:49	E84589
1036	Nickel	0.1	mg/L	0.0011	U	EPA 200.7	0.0011	08/10/2010	13:55	E82574
1045	Selenium	0.05	mg/L	0.00063	U	EPA 200.8	0.00063	08/17/2010	17:03	E82574
1052	Sodium	160	mg/L	9.0		EPA 200.7	0.026	08/10/2010	13:55	E82574
1074	Antimony	0.006	mg/L	0.00026	I	EPA 200.8	0.000091	08/17/2010	17:03	E82574
1075	Beryllium	0.004	mg/L	0.00013	U	EPA 200.7	0.00013	08/10/2010	13:55	E82574
1085	Thallium	0.002	mg/L	0.000026	U	EPA 200.8	0.000026	08/17/2010	17:03	E82574

Reporting Format 62-550.730

Effective January 1995, Revised February 2010

Page 3 of 4

*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: T1010594002
PWS ID (From Page 1): 051423

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	0.061	U	EPA 200.7	0.061	08/10/2010	13:55	E82574
1017	Chloride	250	mg/L	13		EPA 300.0	2.3	08/16/2010	16:45	E84589
1022	Copper	1	mg/L	0.0016		EPA 200.8	0.000085	08/17/2010	17:03	E82574
1025	Fluoride	2.0	mg/L	0.10	I	EPA 300.0	0.055	08/16/2010	16:45	E84589
1028	Iron	0.3	mg/L	0.15	I	EPA 200.7	0.038	08/10/2010	13:55	E82574
1032	Manganese	0.05	mg/L	0.0054		EPA 200.8	0.000073	08/17/2010	17:03	E82574
1050	Silver	0.1	mg/L	0.000086	U	EPA 200.8	0.000086	08/17/2010	17:03	E82574
1055	Sulfate	250	mg/L	3.7	I	EPA 300.0	2.1	08/16/2010	16:45	E84589
1095	Zinc	5	mg/L	0.0041	I	EPA 200.8	0.00041	08/17/2010	17:03	E82574
1905	Color	15	Color Units	9.0		SM 2120B	3.0	08/06/2010	11:27	E84589
1920	Odor	3	T.O.N. @ 40°C	1.0	U	SM 2150B	1.0	08/06/2010	09:00	E84589
1925	pH	6.5 - 8.5	pH unit	7.22		SM 4500H+B	0.10	08/16/2010	07:50	E84589
1930	Total Dissolved Solids	500	mg/L	260		SM 2540C	10	08/06/2010	10:44	E84589
2905	Foaming Agents	0.5	mg/L	0.17	I	SM 5540C	0.050	08/06/2010	11:20	E82001

Revised for use on 08/10/10
1/2009 revision (MSB) (Updated February 2010)

Page 4 of 4 **8**

*Results must be reported with appropriate qualifiers in an order that is most representative (i.e. the MCL, then U, then I). Results qualified with U, M, D, L, Z, P, Y are not applicable for comparison with MCL. Results qualified with E, G, K, H, or V are not reported by water utilities and shall be evaluated on a case-by-case basis. For total dissolved solids, results are reported as the highest of the 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: Summertree PWS I.D.#: 6511423
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: T1010594003 Sample Date: 08/05/2010 Sample Time: 09:10 AM PM (circle one)
Sample Location (be specific): POE - Well 13 Location Code (if known) : _____
Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): _____ mg/L Field pH: 7.58

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
- 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: _____

*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, Stephen Habery, Operator, 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: 06/30/2010

ATTACH CURRENT DOH ANALYTE *

Address: 9610 Princess Palm Avenue Tampa, FL 33619 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: 08/05/2010

PWS ID (From Page 1): 0511423 Sample Number (From Page 1): T1010594003 Lab Assigned Report # or Job T1010594

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

- | | | | | | |
|--|--|---|--|--|--|
| <p><u>Inorganics</u></p> <input checked="" type="checkbox"/> All Except Asbestos
<input type="checkbox"/> Partial
<input checked="" type="checkbox"/> Nitrate
<input checked="" type="checkbox"/> Nitrite
<input type="checkbox"/> Asbestos Only | <p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30
<input type="checkbox"/> All Except Dioxin
<input type="checkbox"/> Partial
<input type="checkbox"/> Dioxin Only | <p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21
<input type="checkbox"/> Partial | <p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes
<input type="checkbox"/> Haloacetic Acids
<input type="checkbox"/> Chlorite
<input type="checkbox"/> Bromate | <p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample
<input type="checkbox"/> Qtrly Composite** | <p><u>Secondaries</u></p> <input checked="" type="checkbox"/> All 14
<input type="checkbox"/> Partial |
|--|--|---|--|--|--|

LAB CERTIFICATION

I, Tammie Heslin, CSM, 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: [Signature] Date: 8/25/10

* 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: T1010594003

PWS ID (From Page 1):

6511403

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification
1040	Nitrate	10	mg/L	0.039	U	SM 4500NO3-F	0.039	08/06/2010	10:47	E84589
1041	Nitrite	1	mg/L	0.022	U	SM 4500NO3-F	0.022	08/06/2010	10:47	E84589
1005	Arsenic	0.010	mg/L	0.00012	U	EPA 200.8	0.00012	08/17/2010	17:12	E82574
1010	Barium	2	mg/L	0.011		EPA 200.8	0.00027	08/17/2010	17:12	E82574
1015	Cadmium	0.005	mg/L	0.00020	U	EPA 200.8	0.00020	08/17/2010	17:12	E82574
1020	Chromium	0.1	mg/L	0.00050	U	EPA 200.7	0.00050	08/10/2010	14:00	E82574
1025	Fluoride	4.0	mg/L	0.094	I	EPA 300.0	0.055	08/16/2010	16:45	E84589
1030	Lead	0.015	mg/L	0.00010	I	EPA 200.8	0.000037	08/17/2010	17:12	E82574
1035	Mercury	0.002	mg/L	0.000014	U	EPA 245.1	0.000014	08/10/2010	13:49	E84589
1036	Nickel	0.1	mg/L	0.0011	U	EPA 200.7	0.0011	08/10/2010	14:00	E82574
1045	Selenium	0.05	mg/L	0.00063	U	EPA 200.8	0.00063	08/17/2010	17:12	E82574
1052	Sodium	150	mg/L	15		EPA 200.7	0.026	08/10/2010	14:00	E82574
1074	Antimony	0.006	mg/L	0.00013	I	EPA 200.8	0.000091	08/17/2010	17:12	E82574
1075	Beryllium	0.004	mg/L	0.00013	U	EPA 200.7	0.00013	08/10/2010	14:00	E82574
1085	Thallium	0.002	mg/L	0.000026	U	EPA 200.8	0.000026	08/17/2010	17:12	E82574

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

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*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: T1010594003

PWS ID (From Page 1): 651423

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	0.061	U	EPA 200.7	0.061	08/10/2010	14:00	E82574
1017	Chloride	250	mg/L	24		EPA 300.0	2.3	08/16/2010	16:45	E84589
1022	Copper	1	mg/L	0.0035		EPA 200.8	0.000085	08/17/2010	17:12	E82574
1025	Fluoride	2.0	mg/L	0.094	I	EPA 300.0	0.055	08/16/2010	16:45	E84589
1028	Iron	0.3	mg/L	0.12	I	EPA 200.7	0.038	08/10/2010	14:00	E82574
1032	Manganese	0.05	mg/L	0.0049		EPA 200.8	0.000073	08/17/2010	17:12	E82574
1050	Silver	0.1	mg/L	0.000086	U	EPA 200.8	0.000086	08/17/2010	17:12	E82574
1055	Sulfate	250	mg/L	5.8	I	EPA 300.0	2.1	08/16/2010	16:45	E84589
1095	Zinc	5	mg/L	0.0092		EPA 200.8	0.00041	08/17/2010	17:12	E82574
1925	pH	6.5 - 8.5	pH unit	7.58		SM 4500H+B	0.10	08/16/2010	07:50	E84589
1930	Total Dissolved Solids	500	mg/L	280		SM 2540C	10	08/11/2010	13:40	E84589
2905	Foaming Agents	0.5	mg/L	0.18	I	SM 5540C	0.050	08/06/2010	11:20	E82001

*Results must be reported to the appropriate authority in accordance with Florida Administrative Code Rule 62-550.320 (6)(b)(1). Results qualified with Q, S, H, L, or I, U, A, T, are categorized as Unreliable per 62-550.320. Results qualified with W, Q, or U, or if not accompanied by written justification, will be included in compliance assessment. To report a violating violation, the analysis results must be compared with acceptable results from samples collected during the same monitoring period.



Advanced
Environmental Laboratories, Inc.

6815 SW Archer Road
Gainesville, Florida 32608
(352) 377-2349
FAX (352) 395-6639

August 6, 2010

Serial: LAB-10086122120

Michael Cammarata
Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave.
Tampa, FL 33619
RE: Tampa
Work Order: 1008116

Enclosed are the results of analyses for samples received by the laboratory on August 6, 2010.

All data were determined in accordance with published procedures (EPA Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Rev March 1983; and Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992). Our laboratory is certified by Florida Department of Health (FDH No. E82001).

All results were determined in accordance with NELAP requirements and in accordance with the chain of custody document unless noted in the report case narrative or data report. The results relate only to the samples listed on the chain of custody. All data is subject to a degree of uncertainty. For a discussion of laboratory uncertainty, please contact your project manager. This analytical report must be reproduced in its entirety. The report pages are numbered separately from the chain of custody and any sample receipt documentation, which, if appropriate, are included in an unnumbered appendix.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Beth Elton".

Beth Elton
Project Manager
belton@aellab.com

Advanced Environmental Laboratories

Page 1 of 4

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Advanced
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6815 SW Archer Rd
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352.377.2349 Phone
352.395.6639 Fax

NELAP Certified - FDH #E82001

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave.
Tampa, FL 33619

Project: Tampa
Project Manager: Michael Cammarata

Reported:
08/06/10 12:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T1010594001	1008116-01	Water	08/05/10 08:30	08/06/10 08:00
T1010594002	1008116-02	Water	08/05/10 08:47	08/06/10 08:00
T1010594003	1008116-03	Water	08/05/10 09:10	08/06/10 08:00

REPORT OF RESULTS

T1010594001
1008116-01 (Water)

Analysis	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Surfactants, SM5540C, MBAS as LAS MW348	0.1951	0.050	mg/L	1	0080604	08/06/10	08/06/10 11:20	

T1010594002
1008116-02 (Water)

Analysis	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Surfactants, SM5540C, MBAS as LAS MW348	0.1661	0.050	mg/L	1	0080604	08/06/10	08/06/10 11:20	

T1010594003
1008116-03 (Water)

Analysis	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Surfactants, SM5540C, MBAS as LAS MW348	0.1851	0.050	mg/L	1	0080604	08/06/10	08/06/10 11:20	

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Advanced
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NELAP Certified - FDH #E82001

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave.
Tampa, FL 33619

Project: Tampa
Project Manager: Michael Cammarata

Reported:
08/06/10 12:18

QUALITY CONTROL FOR SAMPLES

Classical Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0080604 = Surfactants, SM5540C, MBAS as LAS MW348										
Blank (0080604-BLK1)										
Surfactants, SM5540C, MBAS as LAS MW348	0.050 U	0.050	mg/L							
LCS (0080604-BS1)										
Surfactants, SM5540C, MBAS as LAS MW348	0.792	0.050	mg/L	1.00		79	75-125			
Matrix Spike (0080604-MS1) Source: 1008116-01										
Surfactants, SM5540C, MBAS as LAS MW348	1.11	0.050	mg/L	1.00	0.195	92	75-125			
Matrix Spike Dup (0080604-MSD1) Source: 1008116-01										
Surfactants, SM5540C, MBAS as LAS MW348	1.17	0.050	mg/L	1.00	0.195	98	75-125	5	20	

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Advanced
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352.377.2349 Phone
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NELAP Certified - FDH #E82001

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave.
Tampa, FL 33619

Project: Tampa
Project Manager: Michael Cammarata

Reported:
08/06/10 12:18

NOTES AND DEFINITIONS

- U Indicates that the compound was analyzed for but not detected. The value associated with the qualifier is the laboratory method detection limit.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Advanced Environmental Laboratories, Inc.

- 8601 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
- 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84589
- 6815 SW Archer Road • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639 • E82001
- 528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 • E53076

1008116

Advanced Environmental Labo:

CLIENT NAME: AEL Tampa		PROJECT NAME: T1010594			BOTTLE SIZE & TYPE	ANALYSIS REQUIRED	MBAS	Ice	PRESERVATION	LABORATORY I.D. NUMBER
ADDRESS: 9610 Princess Palm Ave Tampa, Fl 33619		PROJECT LOCATION:								
PHONE: (813)630-9616		REMARKS/SPECIAL INSTRUCTIONS: Sub to Gainesville								
FAX: (813)630-4327										
CONTACT: Tammie Heslin/Heidi Brooks										
SAMPLED BY:										
TURN AROUND TIME: <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH 7 work days										
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRX					
			DATE	TIME						
	T1010594001	Grab	8/5/2010	8:30	DW					
	T1010594002	Grab	8/5/2010	8:47	DW	X				101
	T1010594003	Grab	8/5/2010	9:10	DW	X				102
						X				103

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Received on Ice Yes No Temp taken from sample Temp from temp blank Where required, pH checked Temperature when received 1.4 (in degrees celcius)

Form revised 2/8/08

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A ED-1 LT-2 T: 10A A: 3A

	Relinquished by:	Date	Time	Received by:	Date	Time
1	<i>[Signature]</i>	8/5/10	1800	Tammie Heslin	8-5-10	0800
2						
3						
4						

FOR DRINKING WATER USE:
 (When PWS information not otherwise supplied) PWS ID: _____
 Contact Person: _____ Phone: _____
 Supplier of Water: _____
 Site Address: _____

Internal Transfer Chain of Custody



Advanced Environmental Laboratories, Inc.

Transfer From AEL-Tampa

Circle if applicable:
(if SHORT HOLD is circled, these samples must be batched for receiving immediately and managers notified)

RUSH

Transfer To Ship Work to AEL/Jacksonville

SHORT HOLD

Chain 149619 - HBN 24199

Pos	Container	Type	Preserv	Matrix	Collected	Received	PM	Utilization
4	T1010499001-A	32ozAGT	Na2SO4	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	E508-W, E508-W-P
	Previous Location - RECEIVING							
5	T1010499001-C	40CVOA	Na2S2O4M	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5311-W
	Previous Location - RECEIVING							
6	T1010499001-D	40AVOA	C6H8O6	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5153-W, 5153-W-P
	Previous Location - RECEIVING							
7	T1010499001-G	32ozAGT	Na2S2O3	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5252-W, 5252-W-P
	Previous Location - RECEIVING							
8	T1010499001-I	32ozAGT	Na2SO4	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5481-W, 5481-W-P
	Previous Location - RECEIVING							
9	T1010499001-J	40CVOA	Na2SO4	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5041-W, 5041-W-P
	Previous Location - RECEIVING							
10	T1010499001-N	LAP	Na2SO4	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5492-W, 5492-W-P
	Previous Location - RECEIVING							
12	T1010499001-O	LP	HNO3	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	1801-W, 2007-D, 2008-D
	Previous Location - RECEIVING							
11	T1010499001-X	40CVOA	HCl	DW	8/4/2010 11:35	8/4/2010 15:35	TMH	5242-W
	Previous Location - RECEIVING							
13	T1010500003-A	40CVOA	HCl	WA	8/4/2010 08:30	8/4/2010 15:35	TMH	E624-W
	Previous Location - RECEIVING							
14	T1010500004-A	40CVOA	HCl	WA	8/4/2010 08:20	8/4/2010 15:35	TMH	E624-W
	Previous Location - RECEIVING							
15	T1010526001-A	32ozAGT	Na2S2O3	DW	8/3/2010 12:15	8/4/2010 18:21	HB	5252-W, 5252-W-P
	Previous Location - RECEIVING							
16	T1010527001-A	32ozAGT	Na2S2O3	DW	8/3/2010 13:05	8/4/2010 18:21	HB	5252-W, 5252-W-P
	Previous Location - RECEIVING							
17	T1010528001-A	40CVOA	HCl	DW	8/4/2010 07:10	8/5/2010 08:30	TMH	5242-W
	Previous Location - RECEIVING							
1	T1010594001-A	LP	HNO3	DW	8/5/2010 08:30	8/5/2010 15:50	TMH	1801-W, 2007-D, 2008-D
	Previous Location - RECEIVING							
2	T1010594002-A	LP	HNO3	DW	8/5/2010 08:47	8/5/2010 15:50	TMH	1801-W, 2007-D, 2008-D
	Previous Location - RECEIVING							
3	T1010594003-A	LP	HNO3	DW	8/5/2010 09:10	8/5/2010 15:50	TMH	1801-W, 2007-D, 2008-D
	Previous Location - RECEIVING							
18	T1010595001-A	40CVOA	HCl	DW	8/4/2010 16:00	8/5/2010 15:50	TMH	5242-W
	Previous Location - RECEIVING							

Transfers

#	Released By	Released To	Date/Time	Location
1	<i>[Signature]</i>	<i>[Signature]</i>	8/5/10 18:00	RECEIVING
2	<i>[Signature]</i>	<i>[Signature]</i>	8/8/10 08:30	AEL JAX
3				

ChemWare

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