

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- COMMISSION CLERK

RECEIVED-FPSC
10 SEP 7 AM 9:12

DATE: September 3, 2010

TO: Richard J. Wright, Professional Accountant Specialist, Division of Economic Regulation
Keino Young, Senior Attorney, Office of the General Counsel
Paul W. Stallcup, Economist Supervisor, Division of Economic Regulation

FROM: Thomas J. Walden, Utilities System/Engineering Specialist, Division of Economic Regulation *TJW*

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

At the August 3, 2010 agenda, the Commission requested that the Utility within sixty days collect water samples and conduct testing of primary and secondary standards to obtain more current test results for its Summertree water system. Samples have been collected and test results have been submitted to the Commission staff.

My review of the test results and comparison of those results to the maximum contaminant levels (MCLs) specified by the Department of Environmental Protection (DEP) shows that all contaminants are below the MCL. This means that all results are in compliance with DEP's rules. Test results have been compiled in the attached tables.

TJW

attachment

cc: Office of the Commission Clerk
Marshall Willis, Director
Andrew Maurey, Chief of Rate Filings, Surveillance, Tax and Finance

DOCUMENT NUMBER DATE

07481 SEP-7 09

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Point of Entry – Well #1

Contaminants	MCL	Units	Analysis Feb. 2009	Analysis Aug. 2010
Nitrate	10	mg/l	0.094	0.039
Nitrite	1	mg/l	0.094	0.022
Arsenic	0.010	mg/l	0.00072	0.00046
Barium	2	mg/l	0.0099	0.0092
Cadmium	0.005	mg/l	0.00016	0.00020
Chromium	0.1	mg/l	0.00026	0.00050
Cyanide	0.2	mg/l	0.0014	0.00097
Fluoride	4.0	mg/l	0.14	0.068
Lead	0.015	mg/l	0.00039	0.00012
Mercury	0.002	mg/l	0.000024	0.000014
Nickel	0.1	mg/l	0.00098	0.0011
Selenium	0.05	mg/l	0.00098	0.00063
Sodium	160	mg/l	9.9	8.8
Antimony	0.006	mg/l	0.00018	0.00091
Barium	0.004	mg/l	0.00013	0.00013
Bismuth	0.002	mg/l	0.000061	0.000026
Aluminum	0.2	mg/l	0.061	0.061
Chloride	250	mg/l	18	13
Copper	1	mg/l	0.0032	0.00097
Fluoride	2.0	mg/l	0.14	0.068
Iron	0.3	mg/l	0.11	0.080
Manganese	0.05	mg/l	0.0048	0.0047
Silver	0.1	mg/l	0.00037	0.000086
Sulfate	250	mg/l	1.0	1.7
Zinc	5	mg/l	0.0084	0.0044
Color	15	color units	8.7	12
Odor	3	TU/2	1.0	
pH	6.5-8.5	pH unit	--	7.15
Total Dissolved Solids	500	mg/l	220	230
Foaming Agents	0.5	mg/l	0.027	0.20

DOCUMENT NUMBER DATE

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Point of Entry – Well #2

Contaminant	MCL	Units	Analysis Feb. 2009	Analysis Aug. 2010
Nitrate	10	mg/l	0.094	0.039
Nitrite	1	mg/l	0.094	0.022
Acetone	0.010	mg/l	0.00072	0.00030
Barium	2	mg/l	0.01	0.010
Cadmium	0.005	mg/l	0.00016	0.00020
Chromium	0.1	mg/l	0.00026	0.00050
Cyanide	0.2	mg/l	0.0014	0.00097
Fluoride	4.0	mg/l	0.15	0.10
Lead	0.015	mg/l	0.00012	0.000061
Mercury	0.002	mg/l	0.000024	0.000014
Nickel	0.1	mg/l	0.00098	0.0011
Selenium	0.05	mg/l	0.00098	0.00063
Sodium	160	mg/l	8	9.0
Antimony	0.006	mg/l	0.00018	0.00026
Bismuth	0.004	mg/l	0.00013	0.00013
Bismuth	0.002	mg/l	0.000061	0.000026
Aluminum	0.2	mg/l	0.061	0.061
Chloride	250	mg/l	21	13
Copper	1	mg/l	0.0016	0.0016
Fluoride	2.0	mg/l	0.15	0.10
Iron	0.3	mg/l	0.14	0.15
Manganese	0.05	mg/l	0.005	0.0052
Silver	0.1	mg/l	0.00014	0.00036
Sulfate	250	mg/l	1.0	3.7
Zinc	5	mg/l	0.0065	0.0041
Color	15	color units	8.9	9.0
Odor	3	TCN	1.0	1.0
pH	6.5-8.5	pH units	--	7.22
Total Dissolved Solids	500	mg/l	220	256
Foaming Agents	0.5	mg/l	0.043	0.17

Point of Entry – Well #13

Contaminants	MCL	Units	Analysis Feb. 2009	Analysis Aug. 2010
Nitrate	10	mg/L	0.094	0.039
Nitrite	1	mg/L	0.094	0.022
Acetone	0.010	mg/L	0.00072	0.00012
Benzene	2	mg/L	0.011	0.011
Calcium	0.005	mg/L	0.00016	0.00020
Chromium	0.1	mg/L	0.00026	0.00050
Fluoride	4.0	mg/L	0.13	0.094
Lead	0.015	mg/L	0.00012	0.00010
Mercury	0.002	mg/L	0.000024	0.000014
Nickel	0.1	mg/L	0.00098	0.0011
Selenium	0.05	mg/L	0.00098	0.00063
Sodium	160	mg/L	11	15
Antimony	0.006	mg/L	0.00018	0.00013
Beryllium	0.004	mg/L	0.00013	0.00013
Bismuth	0.002	mg/L	0.000061	0.000026
Aluminum	0.2	mg/L	0.061	0.061
Chloride	250	mg/L	36	24
Copper	1	mg/L	0.0017	0.0035
Ibuprofen	2.0	mg/L	0.13	0.094
Iron	0.3	mg/L	0.11	0.12
Manganese	0.05	mg/L	0.0043	0.0049
Silver	0.1	mg/L	0.000092	0.000086
Sulfate	250	mg/L	5.1	5.8
Zinc	5	mg/L	0.007	0.0092
Color	15	color units	4	5
Orbit	3	T.O.N.	1	
pH	6.5-8.5	pH units	--	7.58
Total Dissolved Solids	500	mg/L	260	280
Feeding Agents	0.5	mg/L	0.065	0.13