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DOCKET NO.: 060368-WS - Application for increase in water and wastewater rates in Alachua, Brevard, Highlands, Lake, Lee, Marion, Orange, Palm Beach, Pasco, Polk, Putnam, Seminole, Sumter, Volusia and Washington Counties by Aqua Utilities Florida, Inc.

WITNESS: Direct Testimony of Michael Hambor, Palm Beach County Health Department, Appearing on Behalf of the Staff of the Florida Public Service Commission.

DATE FILED: August 21, 2007

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FPSC-COMMISSION CLERK

DIRECT TESTIMONY OF MICHAEL HAMBOR

1
2 Q. Please state your name and business address.

3 A. Michael Hambor, Engineer Supervisor III, Supervisor of Operations Section, Palm
4 Beach County Health Department, Division of Environmental Health & Engineering,
5 901 Evernia Street, West Palm Beach, Florida 33402

6 Q. Please state a brief description of your educational background and experience.

7 A. B.S. in Chemical Engineering & 30 years experience in public and private sectors; 5
8 years with PBCHD.

9 Q. By whom are you presently employed?

10 A. Palm Beach County Health Department (Florida Department of Health)

11 Q. How long have you been employed with the DOH and in what capacity?

12 A. 5+ years as Engineer Supervisor in the drinking water program.

13 Q. What are your general responsibilities at the DOH?

14 A. Regulation of Community, Non-Transient Non-Community Water and Transient Non-
15 Community drinking water Systems in Palm Beach County Florida; inspection,
16 enforcement, education, data verification.

17 Q. Are you familiar with Aqua Utilities Florida, Inc.'s (utility) water systems in Palm
18 Beach County, particularly the water treatment system in Palm Beach County,
19 including Lake Osbourne?

20 A. Yes.

21 Q. Does the utility have any current construction permits from the DOH?

22 A. None at this time. They are in the planning stages of modifying part of the distribution
23 system piping to improve fire flow to several hydrants.

24 Q. Are the utility's treatment facilities and distribution systems sufficient to serve its
25 present customers?

- 1 A. Yes. Lake Osbourne Estates is a consecutive system and does not provide any
2 treatment for the water. The distribution system is relatively old and consists of a
3 mixture of pipe types. Currently whenever they need to go to a precautionary boil
4 water notice, the entire system is impacted because the isolation valves used to section
5 the system are in need of repair/replacement.
- 6 Q. Does the utility maintain the required 20 psi minimum pressure throughout the
7 distribution system?
- 8 A. Yes.
- 9 Q. Does the utility have certified operators as required by Chapter 62-602, Florida
10 Administrative Code?
- 11 A. Yes.
- 12 Q. Is the overall maintenance of the treatment plant and distribution facilities satisfactory?
- 13 A. No. As noted above the distribution isolation valves need work, and there are some
14 sections of piping which need to be increased in diameter to assist with water flow to
15 some of the fire hydrants.
- 16 Q. Can you comment on the type and number of corrections above?
- 17 A. Yes, it is not uncommon to find a number of small deficiencies with a system. In
18 general, the utility is doing a reasonably good job of maintaining the system; however,
19 updating the infrastructure would be timely.
- 20 Q. Does the finished water produced by the utility meet the State and Federal maximum
21 contaminant levels for primary and secondary water quality standards?
- 22 A. Yes.
- 23 Q. Does this include the lead and copper rule?
- 24 A. Yes.
- 25 Q. Has the utility's compliance with the lead and copper rule resulted in a lessening of the

- 1 monitoring requirements?
- 2 A. The system is a consecutive and does not provide treatment but the lead and copper
3 results have resulted in reduced monitoring.
- 4 Q. Does the utility monitor for the inorganic contaminants (VOCs) listed in Rule 62-
5 55.513, Florida Administrative Code, volatile organic contaminants (VOCs) listed in
6 Rule 62-55.515, Florida Administrative Code, synthetic organic contaminants (VOCs)
7 listed in Rule 62-55.516, Florida Administrative Code, and all other compounds listed
8 in Rule 62-550, Florida Administrative Code?
- 9 A. No. Since the system is a consecutive they purchase water from another community
10 water system. The system they purchase from is required to test for the above listed
11 contaminants.
- 12 Q. Do recent chemical analyses of raw and finished water, when compared to FDEP/DOH
13 regulations, suggest the need for additional treatment?
- 14 A. No.
- 15 Q. Does the utility maintain the required chlorine residual or its equivalent throughout the
16 distribution system?
- 17 A. Yes.
- 18 Q. Are the plant and distribution systems in compliance with all the other provisions of
19 Chapter 62, Florida Administrative Code, not previously mentioned?
- 20 A. Yes.
- 21 Q. Has the utility been the subject of any DOH enforcement action within the past two
22 years?
- 23 A. No.
- 24 Q. Do you have anything further to add?
- 25 A. No. I do not .

BEFORE THE PUBLIC SERVICE COMMISSION

In re: Application for increase in water and wastewater rates in Alachua, Brevard, Highlands, Lake, Lee, Marion, Orange, Palm Beach, Pasco, Polk, Putnam, Seminole, Sumter, Volusia, and Washington Counties by Aqua Utilities Florida, Inc.

DOCKET NO. 060368-WS

DATED: AUGUST 21, 2007

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the DIRECT TESTIMONY OF MICHAEL HAMBOR has been served by U.S. Mail to Kenneth A. Hoffman and Marsha E. Rule, Esquires, Rutledge, Ecenia, Purnell & Hoffman, P. A., P.O. Box 551, Tallahassee, FL 32302-0551, on behalf of AQUA UTILITIES FLORIDA, INC., and that a true and correct copy thereof has been furnished to the following by U. S. Mail, this 21st day of August, 2007:

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