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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

DOCKET NO. 100330-WS

DATED: October 6, 2011

COMMISSION CLERK

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Direct Testimony of Kimberly Dodson has been served by U.S. Mail this 6th day of October, 2011, to the following:

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DOCKET NO. 100330-WS - Application for increase in water/wastewater rates in Alachua, Brevard, DeSoto, Hardee, 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 Kimberly Dodson
Appearing on Behalf of the Staff of the Florida Public Service Commission.

DATE FILED: October 6, 2011

DOCUMENT NUMBER-DATE

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DIRECT TESTIMONY OF KIM DODSON

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

3 A. Kimberly Dodson, Florida Department of Environmental Protection (FDEP), 3319
4 Maguire Blvd., Suite 232, Orlando, Florida 32803.

5 Q. Please provide a brief description of your educational background and experience.

6 A. I received a B.A. in Environmental Studies from Rollins College, Winter Park, Florida
7 in 1995. I worked in environmental analytical laboratories from 1991 to 1996. I have worked
8 for the Florida Department of Environmental Protection Drinking Water Program since 1996,
9 where my responsibilities have included inspection of drinking water systems, Consumer
10 Confidence Report (CCR) rule, enforcement, and managing the compliance and enforcement
11 section.

12 Q. What are your general responsibilities at the Department of Environmental Protection?

13 A. I am currently the Program Manager for the Drinking Water Compliance and
14 Enforcement Section. As Program Manager for Drinking Water Compliance and Enforcement
15 Section, I oversee all activities of the field and compliance monitoring sections. I review
16 enforcement documents, non-compliance letters, and inspection reports generated by field and
17 compliance monitoring staff.

18 Q. Are you familiar with the AUF water systems in Brevard, Lake, Marion, Orange, and
19 Seminole Counties, particularly the following public drinking water systems: Kingswood,
20 Oakwood, 48 Estates, Carlton Village, East Lake Harris, Fairways at Mt. Plymouth, Fern
21 Terrace, Friendly Center, Grand Terrace, Hainescreek, Hobby Hills, Holiday Haven, Imperial
22 Terrace, Kings Cove, Morningview, Palms MHP, Picciola Island, Piney Woods/Spring Lake,
23 Quail Ridge, Ravenswood, Silver Lake Estates, Skycrest, Summit Chase, Valencia Terrace,
24 Venetian Village, Western Shores, 49th Street, Belleair, Belleview Hills Estates, Belleview
25 Hills, Chappell Hills, Fairfax Hills, Hawks Point, Marion Hills, Ocala Oaks, West view,

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1 Woodberry Forest, Tangerine, Chuluota, Harmony Homes?

2 A. Yes. I am familiar with these water systems via review of Department records. Please
3 note that in 2007, it was determined that Stone Mountain Estates, PWS ID 3351282, no longer
4 met the criteria of a public water system and was transferred to the Department of Health for
5 regulation, because the population was 13 and there were only 10 service connections.

6 Q. Are these systems in compliance with all applicable construction permits?

7 A. Richard Lott is providing testimony on this issue.

8 Q. Have any of these AUF systems been the subject of any FDEP compliance
9 enforcement action within the past three years?

10 A. Yes. The Chuluota Water System, PWS ID 3590186, was under enforcement action
11 from September 2006 through December 2010 for violations of the maximum contaminant
12 level (MCL) for total trihalomethanes (TTHMs), a type of disinfection byproduct (DBP). In
13 response to the MCL violations, AUF installed an ion exchange treatment system at their main
14 water treatment plant. Since the treatment went online in July of 2010, results have steadily
15 decreased below the MCL, and the system is no longer in violation.

16 Q. Other than any violations discussed above, is AUF in compliance with all DEP
17 requirements for their water systems in Brevard, Indian River, Lake, Marion, Orange,
18 Osceola, and Seminole Counties?

19 A. No. Friendly Center Subdivision, PWS ID 3350426, exceeded the MCL for Odor on
20 October 1, 2009. The MCL is set at 3 threshold odor number (T.O.N.) and the result was 12
21 T.O.N. Because Odor is a secondary contaminant, the system population is less than 3,300,
22 and no customer complaints regarding Odor have been received for this system, corrective
23 action was not required. The system is scheduled to test again for Odor during 2012.

24 All other AUF systems are currently in compliance with DEP requirements.

25 Q. Is the overall operation and maintenance of these water treatment plants and

1 distribution facilities satisfactory?

2 A. Yes. An inspection records review for the referenced AUF drinking water systems
3 indicates satisfactory maintenance. Many of the most recent sanitary survey inspections
4 indicated no deficiencies. Some of the inspections indicated a few minor deficiencies which
5 AUF corrected in a timely manner. It is not uncommon to find a number of small deficiencies
6 at any facility. In general, AUF is doing a good job of maintaining these facilities.

7 Q. Do you have anything further to add?

8 A. Please see the attached excel spreadsheet (Exhibit KD-1) for the requested listing of all
9 precautionary boil water notices (PBWNs) issued by AUF since 2009. AUF issued the
10 PBWNs as required, completed necessary corrective actions, conducted follow-up sampling,
11 and rescinded the notices as required and in a timely manner. The utility does not always have
12 control over the chain of events that necessitate the issuance of PBWNs, and it is not
13 uncommon to find a number of PBWNs issued for any facility.

14 Q. Does this conclude your testimony?

15 A. Yes.

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PWS ID	SYSTEM NAME	PBWN DETAILS
3054104	Kingswood	7/28/09-7/30/09, 2" valve repair
3054100	Oakwood	5/23/11-5/25/11 - 4" master meter break,
3054100	Oakwood	9/11/11 -9/13/11 - 4" main break due to tree root
3350005	48 Estates	6/10/09-6/12/09, new 2" valve;
3350005	48 Estates	6/21/09-6/24/09, water main break
3350005	48 Estates	11/30/09-12/3/09, hydro tank insp;
3350005	48 Estates	1/13/10-1/15/10, 2" blowoff damaged;
3350005	48 Estates	5/27/09-5/29/09, hydrotank replacement;
3350152	Carlton Village	None occurred 2009-2011
3350322	East Lake Harris	4/1/09-4/3/09, water main break
3354945	Fairways at Mt. Plymouth	None occurred 2009-2011
3350370	Fern Terrace	1/26/10-1/28/10, water main break;
3350426	Friendly Center	None occurred 2009-2011
3354697	Grand Terrace	6/8/09-6/10/09, well pump issue low pressure;
3354697	Grand Terrace	12/12/09-12/15/09, contractor broke 6" main;
3354697	Grand Terrace	5/20/10-5/22/10, loss of pressure due to power failure;
3354697	Grand Terrace	6/28/11-6/30/11, hydrotank inspection
3350481	Hainescreek	3/23/11-3/25/11, water main break;
3350481	Hainescreek	3/31/11-4/2/11, power failure due to lightning strike
3350544	Hobby Hills	None occurred 2009-2011
3354886	Holiday Haven	3/4/09-3/6/09, master meter change;
3354886	Holiday Haven	3/14/11-3/17/11, isolation valves installed;
3354886	Holiday Haven	9/6/11-9/8/11, replace BFP at interconnect
3350584	Imperial Terrace	10/30/09-11/1/09, water main break;
3350655	Kings Cove	3/12/09-3/16/09, water main break;
3350655	Kings Cove	9/23/09-9/25/09, water main break;
3350655	Kings Cove	2/21/11-2/23/11, replaced hydrant;
3350655	Kings Cove	5/18/11-5/20/11, valve installed to limit affected home in future events
3350852	Morningview	1/19/09-1/21/09, water main break;
3350852	Morningview	1/28/09-2/2/09, water main break;
3350852	Morningview	1/18/10-1/20/10, blowoff damaged;
3350852	Morningview	3/29/11-3/31/11, installed new hydrant
3350981	Palms MHP	4/20/09-4/23/09, wtp repairs;
3350981	Palms MHP	11/16/09-11/18/09, water main break;
3350981	Palms MHP	12/7/10-12/9/10, low pressure due to power issue;
3351009	Picciola Island	8/3/10-8/5/10, water main break
3354867	Quail Ridge	None occurred 2009-2011
3351062	Ravenswood	11/30/2009-12/3/09, hydrotank insp;
3351062	Ravenswood	1/11/11-1/13/11, well malf low pressure;
3351062	Ravenswood	4/19/11-4/22/11, pump malfunction low pressure

3351182 Silver Lake Estatesq	4/8/09-4/10/09, water main break;
3351182 Silver Lake Estatesq	5/23/09-5/28/09, contractor broke water main;
3351182 Silver Lake Estatesq	6/4/09-6/6/09, water main break
3351182 Silver Lake Estatesq	12/28/09-12/30/09, water main break;
3351182 Silver Lake Estatesq	4/21/10-4/23/10, water main break;
3351182 Silver Lake Estatesq	5/20/10-5/23/10, water main break;
3351182 Silver Lake Estatesq	1/18/11-1/20/11, water main break;
3351182 Silver Lake Estatesq	8/22/11-8/24/11, leaking valve
3351205 Skycrest	None occurred 2009-2011
3351282 Stone Mountain	None occurred 2009-2011
3354112 Summit Chase	5/12/09-5/14/09, replace master meter;
3354112 Summit Chase	5/3/10-5/5/10, valve replacement;
3351421 Valencia Terrace	7/27/09-7/29/09, water main break;
3351421 Valencia Terrace	6/11/10-6/15/10, water main break;
3351421 Valencia Terrace	4/20/11-4/22/11, water main break;
3351421 Valencia Terrace	5/12/11-5/16/11, water main break;
3351421 Valencia Terrace	5/26/11-5/28/11, water main break;
3351421 Valencia Terrace	8/4/11-8/6/11, water main break
3351426 Venetian Village	1/24/11-1/27/11, water main break
3351464 Western Shores	3/28/10-3/31/10, water main break;
3351464 Western Shores	5/13/10-5/15/10, water main break;
3351464 Western Shores	2/28/11-3/2/11, water main break
3424631 49th Street	5/3/10-5/5/10, well pump failed;
3424631 49th Street	10/27/10-10/29/10, hydrotank insp;
3424000 Belleair	12/7/09-12/9/09, tank insp;
3424000 Belleair	6/9/10-6/11/10, wtp line break;
3424839 Belleview Hills Estates	12/28/09-12/30/09, water main break;
3424030 Belleview Hills	12/9/09-12/11/09, tank insp;
3424030 Belleview Hills	10/7/10-10/11/10, water main break;
3424029 Chappell Hills	11/30/09-12/3/09, tank insp;
3424042 Fairfax Hills	12/8/09-12/10/09, tank insp;
3424042 Fairfax Hills	6/15/10-6/17/10, tank replacement;
3424042 Fairfax Hills	8/11/10-8/13/10, water main break;
3424685 Hawks Point	12/23/09-12/25/09, tank insp;
3424685 Hawks Point	12/6/10-12/8/10, tank replacement;
3424001 Marion Hills	12/8/09-12/10/09, tank insp;
3421560 Ocala Oaks	None occurred 2009-2011
3424036 West View	10/26/09-10/29/09, replace pump motor;
3424036 West View	11/4/09-11/6/09, replace pump motor;
3424036 West View	12/1/09-12/3/09, tank insp;
3424646 Woodberry Forest	2/6/09-2/9/09, fire at wtp;
3424646 Woodberry Forest	12/9/09-12/11/09, tank insp
3481329 Tangerine	1/22/09-1/26/09, wtp electrical problem;
3481329 Tangerine	2/18/09-2/20/09, water main break;
3481329 Tangerine	12/28/10-12/30/10, install hydrant;
3590497 Harmony Homes	None occurred 2009-2011
3590186 Chuluota	2/3/09-2/5/09, looping project

3590186 Chuluota	2/15/09-2/17/09, water main break
3590186 Chuluota	7/6/10-7/8/10, water main break
3590186 Chuluota	1/31/11-2/2/11, water main break
3590186 Chuluota	6/16/11-6/18/11, water main break
3590186 Chuluota	6/18/11-6/21/11, water main break
3590186 Chuluota	7/12/11-7/14/11, Seminole County stormwater project
3590186 Chuluota	7/14/11-7/17/11, Seminole County stormwater project
3590186 Chuluota	8/23/11-8/29/11, Seminole County stormwater project
3590186 Chuluota	8/25/11-8/29/11, Seminole County stormwater project
3590186 Chuluota	9/8/11- 9/10/11, Seminole County stormwater project
3590186 Chuluota	