

M E M O R A N D U M

May 12, 2000

TO : DIVISION OF LEGAL SERVICES (CIBULA)
DIVISION OF RECORDS AND REPORTING

FROM : DIVISION OF WATER AND WASTEWATER (REDEMANN)

RE : DOCKET NO. 000361-WS; APPLICATION FOR AMENDMENT OF
CERTIFICATES NOS. 236-W AND 179-S TO EXTEND SERVICE AREA
IN ST. JOHNS COUNTY BY UNITED WATER FLORIDA INC.

PRR b5in PD AMCA

United Water Florida, Inc. (United Water, or utility) is a Class "A" utility which provides water and wastewater service in Duval, Nassau, and St. Johns Counties. United Water was formed as a Florida corporation on June 5, 1937, and has local offices in Jacksonville, Duval County, Florida. United Water is a wholly owned subsidiary of United Waterworks, Inc. which is a Delaware corporation, formed on June 1, 1970, with its principal office located in New Jersey. In 1999, United Water had annual operating revenues of \$25,455,519 and a net operating income of \$5,479,074 for its water and wastewater systems. The Commission has previously found that United Water's facilities are functionally related and comprise a single utility system whose service transverses county boundaries.

The limits of this filing are confined to St. Johns North Water Treatment System and the Blacks Ford Regional Wastewater Treatment System which serves about 1406 water customers and 479 wastewater customers. This amendment at build out will serve about 148 residential water and wastewater customers.

On March 27, 2000 the utility applied for an amendment to Water Certificate No. 236-W and Wastewater Certificate No. 179-S in St. Johns County, Florida pursuant to Rule 25-30.036(3), Florida Administrative Code. The application is in compliance with the governing statute, Section 367.045, Florida Statutes, and other pertinent statutes and administrative rules concerning an application for amendment of certificate. The application contains a check in the amount of \$400 which is the correct filing fee pursuant to Rule 25-30.020, Florida Administrative Code. The applicant has provided evidence in the form of special warranty deeds that the utility owns the land upon which the utility's facilities are located as required by Rule 25-30.036(3)(d), Florida Administrative Code.

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Adequate service territory and system maps and a territory description have been provided as prescribed by Rule 25-30.036(3)(e), (f) and (i), Florida Administrative Code. A description of the territory requested by the utility is appended to this memorandum as Attachment A.

The utility has submitted an affidavit consistent with Section 367.045(2)(d), Florida Statutes, that it has tariffs and annual reports on file with the Commission. In addition, the application contains proof of compliance with the noticing provisions set forth in Rule 25-30.030, Florida Administrative Code. No objections to the application have been received and the time for such has expired. The local planning agency was provided notice of the application and did not file a protest to the amendment. The Department of Community Affairs states there is a need for service in the proposed service area and the utility's application is consistent with the County's Comprehensive Plan. As stated earlier, this amendment at build out will serve about 148 residential water and wastewater customers.

The source of the water for this water system is the Florida Aquifer. The water system consists of four wells. These wells pump the water to a packed tower aeration system for hydrogen Sulfide removal. The water then flows into a 535,000 ground storage tank for detention and chlorination. After treatment the water is pumped into the distribution system with high service pumps. The water system can supply a maximum of 2,248,000 gallons per day (gpd). Current average yearly flows for 1999 were 712,000 gpd. This development will use about 51,800 gpd (148 residences x 350 gpd/resident = 51,800) of potable water. The utility has an ample supply of water to serve this development. The utility intends to extend a 16 inch water main down Roberts Road continuing on Greenbriar Road (also known as State Road 11) to serve the development. The internal lines in the development will be 8 inches. The Department of Environmental Regulation has no outstanding notices of violation issued for this system.

According to the utility, the Blacks Ford Wastewater facility can treat 1.0 mgd (million gallons per day). Existing flows are .3 mgd. The treated effluent flow to a wetland area. This development will return about 41,440 gpd (148 residences x 280 gpd/resident = 41,440) of wastewater. The utility intends to extend a 12 inch force main down Roberts Road continuing on Greenbriar Road (also known as State Road 11) to serve the development. The internal collection lines in the development will be 8 inch, and a small lift station will pump the wastewater to a

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main lift station and onto the master lift station, which will transmit the wastewater to the Blacks Ford Wastewater facility. The Department of Environmental Regulation has no outstanding notices of violation issued for this system.

The utility and the developer have entered into a developer agreement for the extension of the water main and the wastewater force main. The internal lines will be donated to the utility. The utility's balance sheet and statement of income attached as Exhibits to the application demonstrate that United Water has the financial ability to operate, maintain the existing system and expand the utility's service area. United Water is able to plan for plant expansions and the development of its collection and distribution systems due to its in-house staff of engineers. Consequently, staff believes the utility has demonstrated the financial and technical expertise to provide quality service to these customers. The utility has filed revised tariff sheets incorporating the additional territory into its tariff. United Water's approved rates were effective pursuant to Order No. PSC-99-0513-FOF-WS, issued March 12, 1999 in Docket No. 980214-WS, a rate case and modified by a stipulation pursuant to Order No. PSC-99-1070-FOF-WS, issued May 25, 1999 in Docket No. 980214-WS. The current rates and charges contained in the utility's tariff on file with the Commission should be applied to service in the additional territory.

Based on the above information, staff believes it is in the public interest to grant the application of United Water Florida Inc. for amendment of Water Certificate No. 236-W and Wastewater Certificate No. 179-S. An administrative order should be issued granting the application, within 30 days.

If you have any questions, please contact me immediately.

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cc: Division of Records and Reporting (Security File)

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ATTACHMENT A

UNITED WATER FLORIDA INC.

WATER AND WASTEWATER ADDITIONAL SERVICE AREA

ST. JOHNS COUNTY

Service from St. Johns North Water System and Blacks Ford
Wastewater System

Parcel A:

A portion of Section 44, Township 5 South, Range 26 East, St. Johns County Florida, and being more particularly described as follows: commence at the intersection of the Southeasterly right of way line of State Road No. 13 (a 100 foot right of way as now established) with the Southerly right of way line of Bombing Range Road (County Road No. 11, also known as Greenbriar Road, as now established); thence South 77°29'34" East along said Southerly right of way line a distance of 3,752.21 feet; thence North 34°44'44" East 66 feet more or less to the Northerly right of way line of Bombing Range Road for a point of beginning; thence North 77°29'34" West along said Northerly right of way line a distance of 1,641.56 feet; thence North 13°24'29" East a distance of 1,106.34 feet; thence South 77°15'01" East a distance of 2,072.90 feet; thence South 34°44'44" West a distance of 1,185.62 feet to the point of beginning.

Parcel B:

A portion of Section 44, Township 5 South, Range 26 East, St. Johns County, Florida, and being more particularly described as follows: for a point of beginning, commence at the intersection of the Southeasterly right of way line of State Road No. 13 (a 100 foot right of way as now established) with the Southerly right of way line of Bombing Range Road (County Road No. 11, also known as Greenbriar Road, as now established): thence South 77°29'34" East along said Southerly right of way line a distance of 3752.21 feet; thence South 34°44'44" West a distance of 1279.07 feet; thence North 89°59'16" West a distance of 1126.35 feet; thence South 88°47'24" West a distance of 1186.56 feet; thence South 88°38'34" West a distance of 1844.54 feet; thence North 45°20'56" East a

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distance of 235.38 feet; thence North $76^{\circ}44'32''$ West a distance of 626.53 feet to an intersection with the aforesaid Easterly right of way line of State Road No. 13, said point lying in a curve concave Southeasterly and having a radius of 1859.86 feet; thence Northeasterly along the arc of said curve an arc distance of 465.56 feet, said curve being subtended by a chord bearing of North $39^{\circ}59'14''$ East and a chord distance of 464.34 feet to the point of tangency of said curve; thence North $47^{\circ}09'30''$ East continuing along said right of way line a distance of 1863.62 feet to the point of beginning.

Less and except the following portion of Section 44, Township 5 South, Range 26 East, St. Johns County, Florida, and being more particularly described as follows: for a point of reference, commence at the intersection of the Southeasterly right of way line of State Road No. 13 (a 100 foot right of way as now established) with the Southerly right of way line of Bombing Range Road (County Road No. 11, also known as Greenbriar Road, as now established); thence South $77^{\circ}29'34''$ East along said Southerly right of way line, a distance of 2796.35 feet to the point of beginning; thence continue South $77^{\circ}29'34''$ East, along said Southerly right of way line, a distance of 741.74 feet; thence South $12^{\circ}30'26''$ West a distance of 17.00 feet; thence South $77^{\circ}29'34''$ East a distance of 207.17 feet; thence South $34^{\circ}44'44''$ West, a distance of 1260.70 feet; thence North $89^{\circ}59'16''$ West, a distance of 242.77 feet; thence North $04^{\circ}51'07''$ East a distance of 228.88 feet; thence North $29^{\circ}04'31''$ East a distance of 230.63 feet; thence North $20^{\circ}46'07''$ East a distance of 43.96 feet; thence North $84^{\circ}22'09''$ West a distance of 65.01 feet; thence North $33^{\circ}11'42''$ West a distance of 98.40 feet; thence North $19^{\circ}25'50''$ East a distance of 79.61 feet; thence North $64^{\circ}00'59''$ East a distance of 36.01 feet; thence North $11^{\circ}43'50''$ West a distance of 167.86 feet; thence North $67^{\circ}09'14''$ West a distance of 51.93 feet; thence North $46^{\circ}46'59''$ East a distance of 103.39 feet; thence North $40^{\circ}12'43''$ West a distance of 99.33 feet; thence North $24^{\circ}01'04''$ West a distance of 92.86 feet; thence North $17^{\circ}16'09''$ East a distance of 201.88 feet to the point of beginning.