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December 29, 2005

VIA OVERNIGHT DELIVERY

Ms. Blanca Bayo
Commission Clerk and Administrative Services Director
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399

RECEIVED-FPSC
08 DEC 30 AM 10:20
COMMISSION
CLERK

Re: Docket No. 040384-WS; Application of Sanlando Utilities Corporation for an
Amendment of Water and Wastewater Certificates in Seminole County,
Florida

Dear Ms. Bayo:

Enclosed for filing in the above-referenced docket is the original and fifteen (15)
copies of the Direct Testimony of Ronald P. Ferland, P.E.

Should you have any questions regarding this filing, please do not hesitate to contact
me.

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Sincerely,



Richard S. Taylor, Jr.

DOCUMENT NUMBER - DATE
11970 DEC 30 05
FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION


DOCKET NO.: 040384-WS

IN RE: Application of
SANLANDO UTILITES
CORPORATION for amendment
of water and wastewater certificates
in Seminole County, Florida.

NOTICE OF FILING

COMES NOW the City of Longwood, and hereby gives notice of filing in the above-referenced docket the Direct Testimony of Ronald P. Ferland, P.E., on behalf of the City of Longwood.

Respectfully submitted on this 29th day of
December, 2005, by:



Richard S. Taylor, Jr., Esquire
Florida Bar No.: 221686
531 Dog Track Road
Post Office Box 1117
Longwood, Florida 32752-1117
Telephone: (407) 339-7888
Attorney for City of Longwood

DOCUMENT NUMBER-DATE

11970 DEC 30 '05

FPSC-COMMISSION FILE

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 40384-WS

CITY OF LONGWOOD'S

TESTIMONY OF

RONALD P. FERLAND, P.E.

REGARDING THE APPLICATION FOR

AMENDMENT TO CERTIFICATES 247-W AND 189-S

IN SEMINOLE COUNTY, FLORIDA

TESTIMONY OF RONALD P. FERLAND, P.E.

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Q. Please state your name and business address.

A. My name is Ronald P. Ferland, P.E. and my business address is 3655 Maguire Boulevard, Suite 150, Orlando, Florida 32803.

Q. By whom are you employed and in what capacity?

A. I am employed by Barnes, Ferland and Associates, Inc. (BFA Environmental Consultants). Presently, I serve as the Senior Vice President.

Q. What is the purpose of your testimony in this proceeding?

A. To support the feasibility of the City of Longwood taking over the utility service as reflected in my Memorandum dated January 31, 2003 which describes and delineates the potable water and wastewater (sanitary sewer) services areas of utilities adjacent to the City of Longwood's potable water and wastewater areas. A true and correct copy of the Memorandum dated January 31, 2003 is attached to my testimony.

Q. Does this conclude your testimony?

A. Yes it does.

January 31, 2003

Mr. Richard Kornbluh, Utilities Manager
City of Longwood
180 East Warren Avenue
Longwood, FL 32750

SUBJECT: WATER AND WASTEWATER SERVICE AREA DELINEATIONS
TECHNICAL MEMORANDUM
PROJECT NO: 2000-8.3

Dear Richard:

This memorandum and accompanying figures comprise Barnes, Ferland and Associates, Inc. (BFA) technical memorandum describing and delineating the potable water and wastewater (sanitary sewer) services areas of utilities adjacent to the City of Longwood's potable water and wastewater areas.

1. Purpose of this Memorandum

The data contained in this technical memorandum:

- Identifies the City's existing water and wastewater service areas and the water and wastewater service areas of the adjacent utilities listed below.
- Delineates those locations where the City's existing service areas overlap adjacent utility existing service areas.
- Identifies potential service areas, not currently served, that may warrant extending the City's utility infrastructure to in order to provide sanitary sewer and or potable water service.

2. Identification of Adjacent Utilities

The City of Longwood water and wastewater utility service areas are adjacent to the service areas of the following utilities:

Sanlando Utilities Corporation - owned by Utilities Inc. (Private - Wastewater)
Certificate Number - 189S

Sanlando Utilities Corporation - owned by Utilities Inc. (Private - Water)
Certificate Number - 247W

Florida Water Services Corporation (Private – Wastewater)
Certificate Number – 226S

Florida Water Services Corporation (Private – Water)
Certificate Number – 279W

Utilities Inc. of Longwood (Private – Wastewater)
Certificate Number – 232S

City of Altamonte Springs (Public – Water and Wastewater)

City of Casselberry (Public – Water and Wastewater)

City of Winter Springs (Public- Water and Wastewater)

Seminole County (Public – Water and Wastewater)

3. Determination of Existing Water and Wastewater Service Areas

The geographical boundary or limit of existing water and wastewater service areas has been determined by using available data. Florida Public Service Commission (FPSC) provided certificated area legal descriptions were used to determine the private utility water and/or wastewater service areas. The boundaries of the individual legal descriptions comprising the total franchised service area for each Public Service Commission certificated utility and the overall water or wastewater service areas have been delineated on the Seminole County Geographic Information System (GIS) parcel map base.

Utility Master Plans and Utility Geographic Information System Data provided by public water and/or wastewater utilities were used by BFA to determine the outline of the service area boundaries. The source of the data used is listed below for each of the adjacent utilities. The date of the data for all sources is January 2003.

City of Longwood (Public – Water and Wastewater)

Limits of potable water service area and sanitary wastewater service area were produced from information provided by the City of Longwood.

Sanlando Utilities Corporation (owned by Utilities, Inc. - Private – Wastewater)

Certificate Number – 189S

Docket No. 980957-WS

Order No. PSC-99-0152-FOF-WS

Issued: January 25, 1999

Description: Application for transfer of majority organizational control of Sanlando Utilities in Seminole County to Utilities Inc.

Attachment A. describes tracts of land included within and excluded from the transfer to Utilities Inc.

Sanlando Utilities Corporation (owned by Utilities, Inc. - Private – Water)

Certificate Number – 247W

Docket No. 980957-WS

Order No. PSC-99-0152-FOF-WS

Issued: January 25, 1999

Description: Application for transfer of majority organizational control of Sanlando Utilities in Seminole County to Utilities Inc.

Attachment A. describes tracts of land included within and excluded from the transfer to Utilities Inc.

Florida Water Services Corporation (Private – Wastewater)

Certificate Number – 226S

Docket No. 980657-WS

Order No: PSC-00-0764-FOF-WS

Issued: April 14, 2000

Description: Application of Florida Water Services Corporation to Amend Certificates 226S and 279W to include additional territory in Seminole County. Additional territory added is in Range 32 near Oviedo and not adjacent to Longwood's water or wastewater service areas.

Docket No. 971638-SU

Order No. PCS-00-1902-AS-SU

Issued: October 17, 2000

Description: Describes by settlement agreement that the Bennett Commerce Park remains in the City of Longwood wastewater service area by purchase of bulk treatment from FWSC by Longwood.

Docket No. 930130-WS

Order No. PSC-95-0410-FOF-WS

Issued: March 27, 1995

Description: Application of Southern States Utilities, Inc. to Amend Certificates 226S and 279W to include additional territory in Seminole County.

Describes the addition of Apple Valley, Chuluota, Dol-Ray Manor, Druid Hills, Fern Park, Lake Brantley, Lake Harriet Estates and Meredith Manor water systems to Certificate No. 279W and the addition of Apple Valley and Chuluota wastewater service areas to Certificate No. 226S.

Docket No. 881573-SU

Order No. 21913

Issued: September 19, 1989

Description: Application of Southern States Utilities, Inc. to Amend Certificate No. 226S to include additional area in Seminole County.

Describes 9 tracts of land in S6-T21S-R30E to be included in Certificate No. 226S.

Docket No. 880392-SU

Order No. 20525

Issued: December 27, 1988

Description: Filing of Notice of Intent by Southern States Utilities, Inc. to expand its service area and amend Certificate No. 226S to include 5 parcels located within the city limits of Longwood.

Objections by the City of Longwood and by Seminole County were withdrawn since the City approved the transfer of the conditional use permit and the site plan for the Florida Central Commerce Park WWTF to Southern States Utilities, Inc. No actual amendment of Certificate No. 226S was made.

Docket No. 860585-WS

Order No. 16162

Issued: May 28, 1986

Description: Application of Southern States Utilities, Inc. to Amend Certificates 226S and 279W to include additional territory in Seminole County.

Describes territory near Oviedo in S20-T21S-R32E to be included in both wastewater and water service areas. Territory is not adjacent to Longwood service areas.

Docket No. 790816-S

Order No. 9254

Issued: February 19, 1980

Description: Application of Southern States Utilities, Inc. for amendment of Sewer certificate 226S to include additional areas in Seminole County.

Describes 1 tract of land in S3-T21S-R29E, 3 tracts of land in S4-T21S-R29E to be included in Certificate No. 226S wastewater service area.

Docket No. 780278-WS

Order No. 9988

Issued: May 5, 1981

Description: Application of for approval of transfer of water certificate 255W and sewer certificate 194S from Central Florida Utilities, Inc. and adds areas to certificates 279W and 226S held by Southern States Utilities, Inc.

Describes 1 tract of land in S14-T21S-R29E, 3 tracts of land in S23-T21S-R29E to be included in the water service areas. Eight tracts of land are also included in certificate 226S which are near Oviedo in Section 32 and are out of the study area.

Docket Nos. 780727-W, 780813-WS and 780952-W
Order No. 9843

Issued: March 3, 1981

Description: Application of Southern States Utilities, Inc. to Amend Certificates 226S and 279W to include additional territory in Seminole County.

Describes the addition of 3 areas to water Certificate No. 279W, and the addition of 1 of the areas to sewer Certificate No. 226S. Deletes the three areas from Certificates 189S and 247W held by Sanlando Utilities Corporation.

Docket No. 760768-WS

Order No. 7713

Issued: March 24, 1977

Description: Application of Southern States Utilities, Inc. for amendment of Water and Sewer certificates 279W and 226S to include additional areas in Seminole County.

Describes 1 tract of land in S1-T21S-R29E, 1 tract of land in S2-T21S-R29E and 1 tract of land in S11-T21S-R29E to be included in both water and wastewater service areas.

Docket Nos. 750760-W and 750761-S

Order No. 7588

Issued: January 17, 1977

Description: Application of Southern States Utilities, Inc. for a certificate to operate water and wastewater utilities in Seminole County, Florida.

Describes 1 tract of land in S11-T21S-R29E included in sewer Certificate No. 226S. Describes 12 tracts of land in T21S-R29E and T21S-R30E included in water Certificate No. 279W.

Docket No. 750759-WS

Order No. 7206

Issued: April 9, 1976

Description: Application of Central Florida Utilities, Inc. for a certificate to operate an existing water and wastewater utility in Seminole County, Florida.

Describes three tracts of land in S23-T21S-R29E included in Water Certificate No. 255W. No sanitary sewer in the vicinity of Longwood in Sewer Certificate No. 194S.

**Florida Water Services Corporation (Private – Water)
Certificate Number – 279W**

Docket No. 930130-WS

Order No. PSC-95-0410-FOF-WS

Issued: March 27, 1995

Description: Application of Southern States Utilities, Inc. to Amend Certificates 226S and 279W to include additional territory in Seminole County.

Describes the addition of Apple Valley, Chuluota, Dol-Ray Manor, Druid Hills, Fern Park, Lake Brantley, Lake Harriet Estates and Meredith Manor water systems to Certificate No. 279W and the addition of Apple Valley and Chuluota wastewater service areas to Certificate No. 226S.

Docket No. 861149-WU

Order No. 16593

Issued: September 15, 1986

Description: Orders deletion of water service area in the Winter Springs Water System from Certificate No. 279W. Winter Springs Water System was purchased by Seminole County, Florida.

Docket No. 860585-WS

Order No. 16162

Issued: May 28, 1986

Description: Application of Southern States Utilities, Inc. to Amend Certificates 226S and 279W to include additional territory in Seminole County.

Describes territory near Oviedo in S20-T21S-R32E to be included in both wastewater and water service areas. Territory is not adjacent to Longwood service areas.

Docket No. 780278-WS

Order No. 9988

Issued: May 5, 1981

Description: Application of for approval of transfer of water certificate 255W and sewer certificate 194S from Central Florida Utilities, Inc. and adds areas to certificates 279W and 226S held by Southern States Utilities, Inc.

Describes 1 tract of land in S14-T21S-R29E, 3 tracts of land in S23-T21S-R29E to be included in the water service areas. Eight tracts of land are also included in certificate 226S which are near Oviedo in Section 32 and are out of the study area.

Docket Nos. 780727-W, 780813-WS and 780952-W

Order No. 9843

Issued: March 3, 1981

Description: Application of Southern States Utilities, Inc. to Amend Certificates 226S and 279W to include territory in Seminole County.

Describes the addition of 3 areas to water Certificate No. 279W, and the addition of 1 of the areas to sewer Certificate No. 226S. Deletes the three areas from Certificates 189S and 247W held by Sanlando Utilities Corporation.

Docket No. 770434-W

Order No. 7891

Issued: July 7, 1977

Description: Adds water area in Certificate No. 253W area to Certificate No. 279W area and cancels Certificate No. 253W

Docket No. 760768-WS

Order No. 7713

Issued: March 24, 1977

Description: Application of Southern States Utilities, Inc. for amendment of Water and Sewer certificates 279W and 226S to include additional areas in Seminole County.

Describes 1 tract of land in S1-T21S-R29E, 1 tract of land in S2-T21S-R29E and 1 tract of land in S11-T21S-R29E to be included in both water and wastewater service areas.

Docket Nos. 750760-W and 750761-S

Order No. 7588

Issued: January 17, 1977

Description: Application of Southern States Utilities, Inc. for a certificate to operate water and wastewater utilities in Seminole County, Florida.

Describes 1 tract of land in S11-T21S-R29E included in sewer Certificate No. 226S. Describes 12 tracts of land in T21S-R29E and T21S-R30E included in water Certificate No. 279W.

Docket No. 750759-WS

Order No. 7206

Issued: April 9, 1976

Description: Application of Central Florida Utilities, Inc. for a certificate to operate an existing water and wastewater utility in Seminole County, Florida.

Describes three tracts of land in S23-T21S-R29E included in Water Certificate No. 255W. No sanitary sewer in the vicinity of Longwood in Sewer Certificate No. 194S.

**Utilities Inc. of Longwood (Private – Wastewater)
Certificate Number – 232S**

Docket No. 950959-SU

Order No. PSC-96-0448-FOF-SU

Issued: March 29, 1996

Description: Application for transfer of facilities and Sewer Certificate No. 232S in Seminole County from Longwood Utilities, Inc. to Utilities Inc., of Longwood.

Attachment A, describes 21 tracts, which together comprise the total wastewater service area transferred to Utilities, Inc.

City of Altamonte Springs (Public – Water and Wastewater)

Cad files of the City of Altamonte Springs potable water distribution and sanitary sewage collection system were provided to BFA by Kristen Rhombeck of the City of Altamonte Springs. The service area outlines for water and wastewater were duplicated as shown in the provided cad files.

City of Casselberry (Public – Water and Wastewater)

Shape files of the City of Casselberry potable water distribution and sanitary sewage collection system service areas were provided to BFA by Ann Hooper of the City of Casselberry. The service area outlines for water and wastewater were duplicated as shown in the provided shape files.

City of Winter Springs (Public - Water and Wastewater)

Cad files of the City of Winter Springs potable water distribution and sanitary sewage collection system were provided to BFA by Brian Garvy of the city's consultant Southeastern Surveying, Inc. and authorized by Kip Lockcuff of the City of Winter Springs. The service area outlines for water and wastewater were developed by BFA based on the information shown in the provided cad files.

Seminole County (Public - Water and Wastewater)

GIS files of Seminole County's potable water distribution system and sanitary sewage collection system have been obtained from Seminole County Environmental Services. The details of the systems included services for parcels with potable water and laterals for parcels served by sanitary sewer systems. The service area outlines for water and wastewater were developed by BFA based on the location of water services and sanitary sewer laterals respectively.

4. Explanation of Figures

Figure 1 – POTABLE WATER UTILITY SERVICE AREAS

The boundaries of the potable water utility service areas for Longwood, Altamonte Springs, Casselberry and Winter Springs, Seminole County, Florida Water Services, Inc. and Sanlando Utilities, Inc. have been identified on Figure 1.

The service areas have a colored fill and are identified in the legend of Figure 1.

A hatch pattern identifies areas currently served with potable water by private utilities, however no legal description of the area was found in FPSC documentation. The hatch pattern is identified in the legend of Figure 1.

Any areas that do not have a colored fill or a hatch pattern are currently unserved and are areas of possible expansion of the City water distribution system.

Figure 2 – WASTEWATER UTILITY SERVICE AREAS

The boundaries of the wastewater utility service areas for Longwood, Altamonte Springs, Casselberry, Winter Springs, Seminole County, Florida Water Services, Inc., Utilities Inc. of Longwood and Sanlando Utilities, Inc. have been identified on Figure 2.

The service areas have a colored fill and are identified in the legend of Figure 2.

All adjacent utility wastewater service areas that are encroached on by the City's wastewater service area are shown as hatched areas and are identified in the legend of Figure 2.

A hatch pattern identifies areas currently served with sanitary sewer by private utilities, however no legal description of the area was found in FPSC documentation. The hatch pattern is identified in the legend of Figure 2.

Any areas that do not have a colored fill or a hatch pattern are currently unserved and are areas of possible expansion of the City wastewater collection system.

5. Summary and Recommendations

Public Service Commission Certificate Numbered utilities have service areas which are described using legal descriptions. The service area boundaries were determined by delineating the areas contained in the various legal descriptions comprising the service sub-areas and then outlining the resulting composite areas resulting in one contiguous service area or several separate service areas of varying shapes and sizes.

Service area boundaries of public water and wastewater utilities are directly available from most utility owners or their consultants. Boundaries were developed by interpretation of the best available information for the particular utility system. Existing available information varies greatly in its level of detail. Some existing systems have available information on a service by service basis including each parcel served. Such well documented systems have boundaries that were directly available by outlining the parcels served. Other systems have data limited to main lines and their appurtenances making the boundary of the service area subject to interpretation. BFA has obtained the best available information from the adjacent utility owners or their consultants and has delineated their service area boundaries based on the level of detail provided.

Hatch patterns identify areas where the City of Longwood service areas overlap existing private utility service areas. The hatch patterns are identified in the legends on Figure 1 and Figure 2.

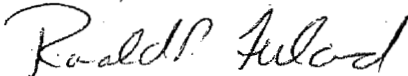
Areas of potential expansion of the City's water and wastewater infrastructure are all areas that do not contain a colored fill or a hatch pattern. All areas with a white background are not currently being served and as such are subject to possible inclusion in the City's service areas.

BFA would be pleased to provide a proposal to assess the feasibility of serving the areas of potential expansion documented in this memorandum. BFA would evaluate the city's ability to provide water and wastewater service to those areas based on the existing city infrastructure and the existing topographic conditions of the various areas and estimate the cost associated with extending service to any areas of interest to the City.

Please contact me if you have any questions or comments.

Sincerely,

Barnes, Ferland & Associates, Inc.



Ronald P. Ferland, P.E.
Senior Vice President

RPF:dk