

**APPLICATION FOR AMENDMENT OF CERTIFICATE
(EXTENSION, QUICK TAKE EXTENSION, OR DELETION)**

**(Pursuant to Section 367.045, Florida Statutes, and
Rule 25-30.036, Florida Administrative Code)**

To: **Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850**

The undersigned hereby makes application for amendment of Water Certificate No. 278-W and/or Wastewater Certificate No. 225-S to add or delete territory located in Seminole County, Florida, and submits the following information:

Please check the type of amendment being requested. Based upon the type of amendment requested, please complete the following parts of the application. Where specific items are listed, only those items need to be completed under that part.

- Extension: Complete Parts I, II, V, and VI
- Quick Take: Complete Parts I, II (only items B-1, 2, 4, 6 and D-1, 2, 3), III, V, and VI
- Deletion: Complete Parts I, II (only items D-1, 2, 3), IV, V, and VI

PART I APPLICANT INFORMATION

- A) Contact Information for Utility. The utility's certificated name, address, telephone number, Federal Employer Identification Number, and if applicable, fax number, e-mail address, and website address. The utility's name should reflect the business and/or fictitious name(s) registered with the Department of State's Division of Corporations:

Utilities, Inc. of Florida
Utility Name

200 Weathersfield Ave.
Office Street Address

Altamonte Springs FL 32714
City State Zip Code

Mailing Address (if different from Street Address)

City	State	Zip Code
(866) 842-8432	() -N/A	
Phone Number	Fax Number	
36-2850768		
Federal Employer Identification Number		
BKGongre@uiwater.com		
E-Mail Address		
https://www.myutility.us/myuiflorida/		
Website Address		

B) The contact information of the authorized representative to contact concerning this application:

Martin S. Friedman		
Name		
420 S. Orange Ave., Suite 700		
Mailing Address		
Orlando	FL	32801
City	State	Zip Code
(407) 310-2077	() -	
Phone Number	Fax Number	
mfriedman@deanmead.com		
E-Mail Address		

PART II **TERRITORY AMENDMENT**

Part II should be completed as follows based upon the type of amendment requested.

Extension: Complete all items under Part II

Quick Take Extension: Only need to complete items B-1, 2, 4, 6 and D-1, 2, 3.

Deletion: Only need to complete items D-1, 2, 3.

A) NEED FOR SERVICE IN THE PROPOSED AREA

- 1) Exhibit N/A - The number of customers currently being served and proposed to be served, by customer class and meter size, including a description of the types of customers anticipated to be served, i.e., single family homes, mobile homes, duplexes, golf course clubhouse, commercial.

- 2) Exhibit N/A - Provide a copy of all requests from service from property owners or developers in areas not currently served.

- 3) Exhibit N/A - Provide a copy of the current land use designation of the proposed service territory as described in the local comprehensive plan at the time the application is filed. If the proposed development will require a revision to the comprehensive plan, describe the steps taken and to be taken to facilitate those changes, including changes needed to address the proposed need for service.

- 4) Exhibit N/A - Provide a statement of any known land use restrictions, such as environmental restrictions imposed by governmental authorities.

B) TERRITORY DESCRIPTION, MAPS, FACILITIES, AND TECHNICAL ABILITY

- 1) Exhibit N/A - If the utility is planning to build a new water or wastewater treatment plant to serve the proposed territory, provide documentation of the utility's right to access and continued use of the land upon which the new utility treatment facilities that will serve the proposed territory will be located. This documentation shall be in the form of a recorded warranty deed, recorded quit claim deed accompanied by title insurance, recorded lease such as a 99-year lease, or recorded easement. The applicant may submit an unrecorded copy of the instrument granting the utility's right to access and continued use of the land upon which the utility treatment facilities are or will be located, provided the applicant files a recorded copy within the time prescribed in the order granting the amendment to the certification of authorization.

- 2) Exhibit "A" - Provide a legal description of the territory proposed to be served in the format prescribed in Rule 25-30.029, F.A.C. In addition, if the extension of territory is adjacent to existing territory, provide one complete legal description of the resulting territory including both existing and expanded portions.
- 3) Exhibit N/A - Provide a detailed system map showing the proposed lines and treatment facilities, with the territory proposed to be served plotted thereon, consistent with the legal description provided in B-1 above. If the territory to be served is adjacent to the utility's existing territory, provide a complete map showing both existing and expanded territories. The map shall be of sufficient scale and detail to enable correlation with the description of the territory.
- 4) Exhibit "B" - Provide an official county tax assessment map or other map showing township, range, and section, with a scale such as 1" = 200' or 1" = 400', with the proposed territory plotted thereon, consistent with the legal description provided in B-1 above.
- 5) Exhibit N/A - Provide a statement describing the capacity of the existing lines, the capacity of the existing treatment facilities, and the design capacity of the proposed extension.

- 6) Exhibit "C" - Provide a copy of all current permits issued by the Department of Environmental Protection (DEP) and by the water management district.
- 7) Exhibit N/A - Provide a copy of the most recent DEP and/or county health department sanitary survey, compliance inspection report, and secondary water quality standards report.
- 8) Exhibit N/A - Provide a copy of all correspondence with the DEP, county health department, and water management district, including consent orders and warning letters, and the utility's responses to the same, for the past five years.

C) FINANCIAL ABILITY

- 1) Exhibit N/A - Provide a detailed statement regarding the proposed method of financing the construction and the projected impact on the utility's capital structure.

- 2) Exhibit N/A - Provide a statement regarding the projected impact of the extension on the utility's monthly rates and service availability charges.

D) PROPOSED TARIFF AND RATE INFORMATION

- 1) Exhibit "D" - Provide a tariff containing all rates, classifications, charges, rules, and regulations, which shall be consistent with Chapter 25-9, F.A.C. See Rule 25-30.036, F.A.C., for information about water and wastewater tariffs that are available and may be completed by the applicant and included in the application.

- 2) Exhibit _____ - Provide the number of the most recent order of the Commission establishing or changing the applicant's rates and charges.

PSC-2017-0361-FOF-WS

- 3) Exhibit "E" - An affidavit that the utility has tariffs and annual reports on file with the Commission.

PART III QUICK TAKE EXTENSION ADDITIONAL INFORMATION

- A) Exhibit _____ - Provide a written statement that the proposed new territory includes a maximum of 25 equivalent residential connections within such territory at the time the territory is at buildout. In addition, the statement should include a description of the types of customers anticipated to be served by the extension, i.e., single family homes, mobile homes, duplexes, golf course clubhouse, or commercial.

The proposed new territory includes a maximum of 25 ERC's consisting of single family homes.

- B) Exhibit "F" - Provide a written statement that upon investigation:

- 1) There is no other utility in the area of the proposed territory that is willing and capable of providing reasonably adequate service to the new territory.

Exhibit "F" is a letter from Seminole County that it does not have the ability to serve the territory and does not object to UIF serving that property.

- 2) The person(s) or business(es) requesting water or wastewater service have demonstrated to the utility that service is necessary because: (Check all that apply)

- (a) a private well has been contaminated or gone dry ,
(b) a septic tank has failed , or
(c) service is otherwise not available .

PART IV TERRITORY DELETION ADDITIONAL INFORMATION

- A) Exhibit N/A - Provide a statement specifying the reasons for the proposed deletion of territory.

- B) Exhibit N/A - Provide a legal description of the territory proposed to be deleted in the format prescribed in Rule 25-30.029, F.A.C., along with a complete legal description of the remaining territory.

- C) Exhibit N/A - Provide a detailed system map with the territory proposed to be deleted and retained plotted thereon, consistent with the legal description provided in B above. The map shall show the existing lines and treatment facilities in the area retained and shall be of sufficient scale and detail to enable correlation with the description of the territory.
- D) Exhibit N.A - Provide an official county tax assessment map or other map, showing township, range, and section with a scale such as 1" = 200' or 1" = 400', with the territory proposed to be deleted plotted thereon, consistent with the legal description provided in B above.
- E) Exhibit N/A - Provide a description of the number of current active connections within the territory to be deleted, as well as the number of connections retained. For each active connection in the area to be deleted, if any, the statement must detail the effect of the proposed deletion on the ability of those customers to receive water and wastewater services, including alternative source(s) of service.

PART V NOTICING REQUIREMENTS

Exhibit "G" - Provide proof of noticing pursuant to Rule 25-30.030, F.A.C. This may be provided as a late-filed exhibit.

PART VI SIGNATURE

Please sign and date the utility's completed application.

APPLICATION SUBMITTED BY: _____ /s/ Martin S. Friedman
Applicant's Signature

_____ Martin S. Friedman
Applicant's Name (Printed)

_____ Attorney
Applicant's Title

_____ Date

EXHIBIT "A"
Legal Descriptions

**UTILITIES INC., OF FLORIDA
SANLANDO SERVICE AREA
WATER SERVICE AREA EXPANSION DESCRIPTION**

**(for the SAND LAKE ADDITION)
BY KHA 10-31-19**

AND

That portion of Sections 8, Township 21 South, Range 29 East, Seminole County, Florida being more particularly described as follows:

Commence at the Northeast corner of Section 8; Thence 1291 feet South to the south right of way of Sand Lake Road; thence 2304 feet West along said right of way to the POINT OF BEGINNING; thence 635 feet South; thence 660 feet West; thence 635 feet North to the South right of way line of Sand Lake Road; thence 660 East to the POINT OF BEGINNING.

**UTILITIES INC., OF FLORIDA
SANLANDO SERVICE AREA
SEWER SERVICE AREA EXPANSION DESCRIPTION**

**(for the SAND LAKE ADDITION)
BY KHA 10-31-19**

AND

That portion of Sections 8, Township 21 South, Range 29 East, Seminole County, Florida being more particularly described as follows:

Commence at the Northeast corner of Section 8; Thence 1291 feet South to the south right of way of Sand Lake Road; thence 2304 feet West along said right of way to the POINT OF BEGINNING; thence 635 feet South; thence 660 feet West; thence 635 feet North to the South right of way line of Sand Lake Road; thence 660 East to the POINT OF BEGINNING.

EXHIBIT "B"

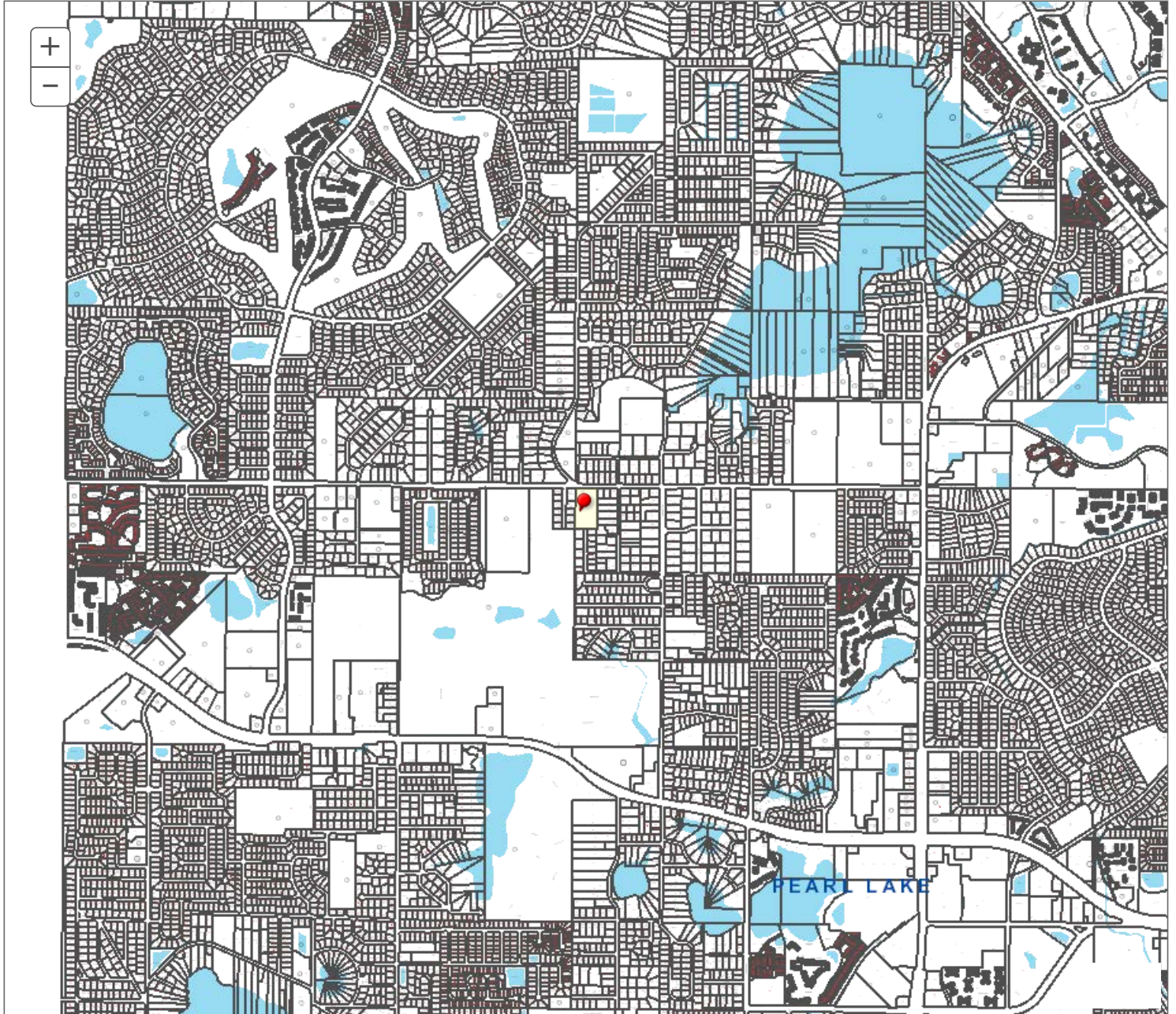
Maps

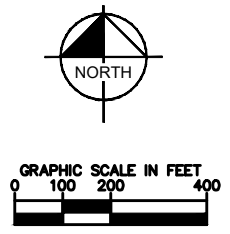
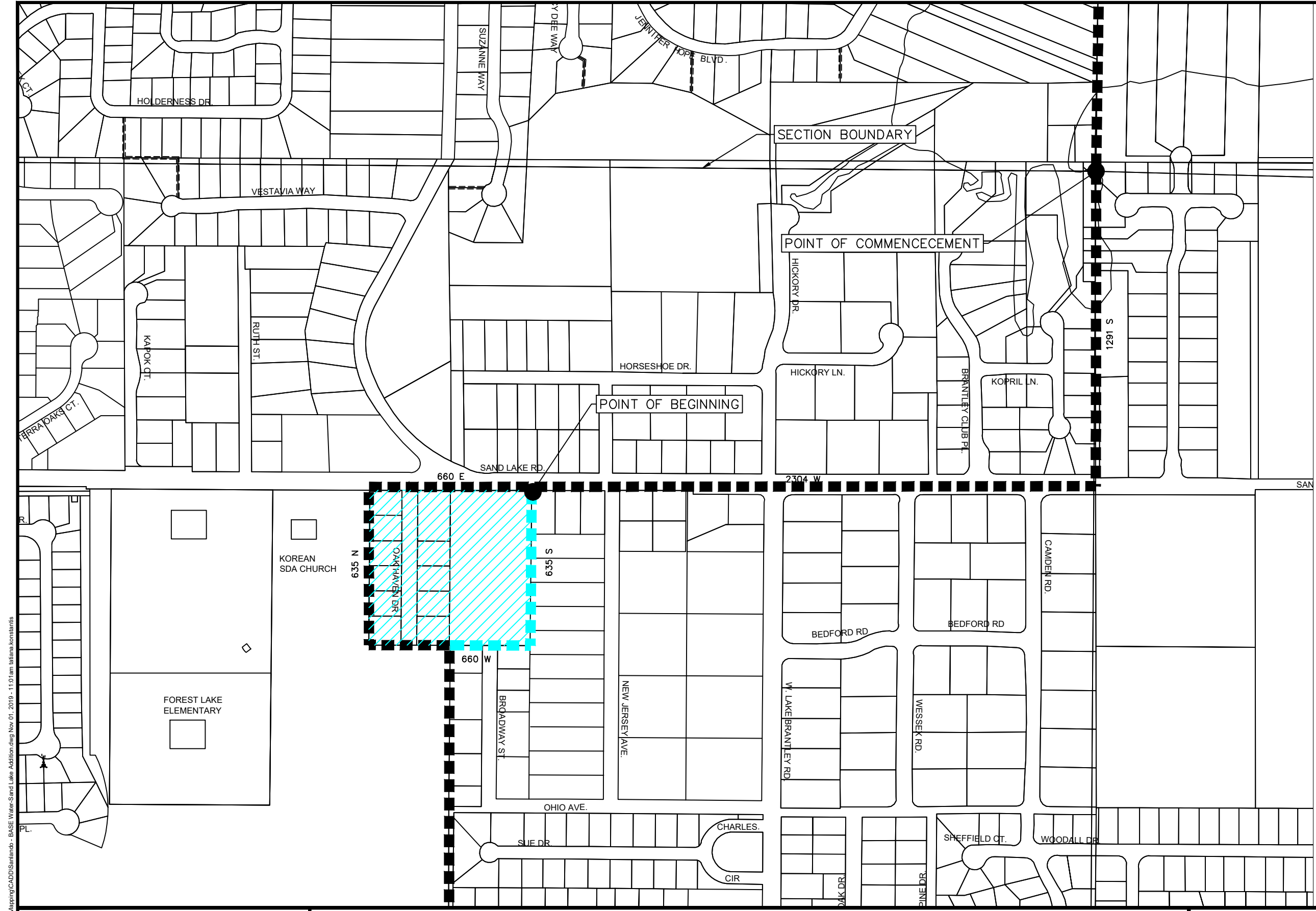


Parcel Map

Parcel: 08-21-29-300-0060-0000

Property Address: 2661 SAND LAKE RD LONGWOOD, FL 32779





LEGEND

	PROPOSED WATER SERVICE AREA ADDITION
	PROPOSED WATER SERVICE AREA BOUNDARY
	WATER SERVICE AREA

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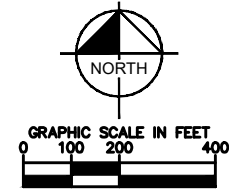
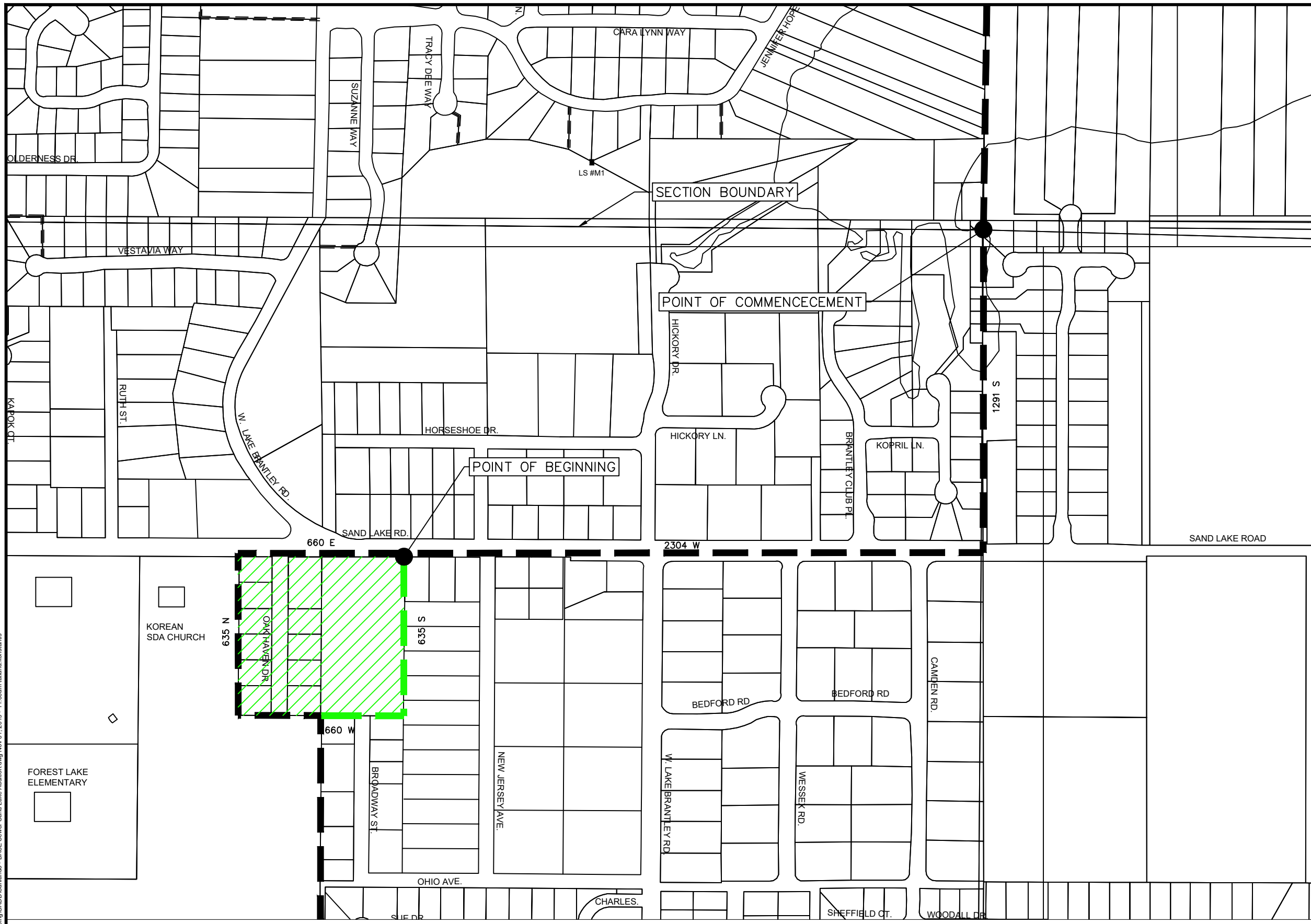
Kimley»Horn

180 S. ORANGE AVE., SUITE 1000, ORLANDO, FL 32801
 PHONE: 407-399-1811
 WWW.KIMLEY-HORN.COM CA 00000000




SANDLANDO WATER SERVICE AREA-2261 SAND LAKE ROAD ADDITION

UTILITIES INC. OF FLORIDA





LEGEND

-  PROPOSED SEWER SERVICE AREA ADDITION
-  PROPOSED SEWER SERVICE AREA BOUNDARY
-  SEWER SERVICE AREA

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Kimley»Horn

180 S. ORANGE AVE., SUITE 1000 ORLANDO, FL 32801
PHONE: 407-888-1011
WWW.KIMLEY-HORN.COM CA 0000084

SANLANDO SEWER SERVICE AREA-2261 SAND LAKE ROAD ADDITION

UTILITIES INC. OF FLORIDA



EXHIBIT "C"

Permits



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

NOTICE OF PERMIT

In the Matter of an
Application for Permit by:

Utilities Inc of Florida
200 Weathersfield Ave
Altamonte Springs, Florida 32714-4027
PCFlynn@uiwater.com

Seminole County - DW
Wekiva Hunt Club WWTP
Wastewater Permit Application
DEP File No: FL0036251-022-DW1P

ATTENTION Patrick C Flynn
Vice President of Operations

Enclosed is Permit Number FL0036251-022 to operate a domestic wastewater facility issued under Section(s) 403.087 and 403.0885 of the Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

A handwritten signature in cursive script that reads "Christianne C. Ferraro".

Christianne C. Ferraro, P.E.

Administrator

Permitting and Waste Cleanup Program - Wastewater
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Filed, on this date, pursuant to Section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

March 29, 2016

Date

CCF/dj/cs

Enclosures: Permit, DMRs, Pathogen Monitoring and Fact Sheet

Copies furnished to:

Julian Coto, P.E. (Julian@Excelengineers.com)

Mary Ann Kraus, DEP (Mary.Kraus@dep.state.fl.us)

David Smicherko, DEP (David.Smicherko@dep.state.fl.us)

Christine Daniel, DEP (Christine.Daniel@dep.state.fl.us)

Monica Sudano, DEP (Monica.Sudano@dep.state.fl.us)

Elsa Potts, DEP (Elsa.Potts@dep.state.fl.us)

EPA Region 4 (r4npdespermits@epa.gov)

St. John's River Water Management District (via e-mail: trice@sjrwmd.com / EWakley@sjrwmd.com)

Shabbir Rizvi, DEP (Shabbir.Rizvi@dep.state.fl.us)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before close of business on



March 29, 2016 to the listed persons, by _____.



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Utilities Inc of Florida

RESPONSIBLE OFFICIAL:
Patrick C Flynn
200 Weathersfield Ave
Altamonte Springs, FL 32714-4027
(800) 272-1919

PERMIT NUMBER: FL0036251 (Minor)
FILE NUMBER: FL0036251-022-DW1P
EFFECTIVE DATE: **March 31, 2016**
EXPIRATION DATE: **March 30, 2021**

FACILITY:

Wekiva Hunt Club WWTP
144 Ledbury Drive
Longwood, FL 32779-4609
Seminole County
Latitude: 28°41' 49.73" N Longitude: 81°26' 1.05" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

An existing 2.9 MGD annual average daily flow (AADF) activated sludge domestic wastewater treatment facility consisting of three (3) contiguous package wastewater treatment plants (0.97 MGD design capacity, each), connected in parallel with mechanical influent screening, aeration, clarification, chemical feed facilities, tertiary filtration, disinfection by chlorination, dechlorination, two (2) 3.0 MG reclaimed water storage tanks, and aerobic digestion of biosolids with dewatering by one (1) vacuum assisted drying bed and one (1) Ashbrook belt filter press.

REUSE OR DISPOSAL:

Surface Water Discharge D-001: An existing 0.87 MGD annual average daily flow discharge to Sweetwater Creek, Class III fresh waters, (WBID# 2956) which is limited to 30% of the total actual plant flow, as a back-up to the public access reuse system. The outfall is approximately 1 foot in length and discharges at the stream surface. The point of discharge is located approximately at latitude 28°41' 52" N, longitude 81°25' 53" W.

Land Application R-001: An existing 0.4 MGD annual average daily flow permitted capacity rapid infiltration basin system. R-001 is a reuse system which consists of four rapid infiltration basins (RIBs) having a capacity of 0.4 MGD located approximately at latitude 28°42' 5" N, longitude 81°24' 27" W.

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FACILITY: Wekiva Hunt Club WWTP

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Land Application R-002: An existing 2.90 MGD annual average daily flow permitted capacity slow-rate public access reuse system. R-002 consists of irrigation to the users listed in Section IV of this permit, or transfer to the approved reuse service areas for the cities of Apopka and Altamonte Springs. Reclaimed water may be stored in a stormwater management pond located at the Trophy Club Golf Course, in accordance with Conditions IV.A.17 and 18 of this permit, or in the two (2) on-site 3.0 MG reclaimed water storage tanks. Reject flow is diverted to R-001, the RIBs. Land application system R-002 is located approximately at latitude 29° 42' 16" N, longitude 81° 26' 23" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 26 of this permit.

PERMITTEE: Utilities Inc of Florida
 FACILITY: Wekiva Hunt Club WWTP

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 EXPIRATION DATE: March 30, 2021

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from Outfall D-001 to Sweetwater Creek. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8. :

Parameter	Units	Max/Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Surface Water Discharge)	MGD	Max Max Max	0.87 Report Report	Annual Average Monthly Average Max Daily Flow	Daily during a discharge	Recording Flow Meter with Totalizer	FLW-4	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max	5.0 6.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFA-1	
Solids, Total Suspended	mg/L	Max Max	5.0 6.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFA-1	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Weekly	Grab	EFA-1	See I.A.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Daily during a discharge	Meter	EFD-1	See I.A.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Daily during a discharge	Meter	EFA-1	See I.A.3 and I.A.6
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	Daily during a discharge	Grab	EFD-1	
Nitrogen, Total	mg/L	Max Max	Report Report	Monthly Average Annual Average	Weekly	16-hr FPC	EFA-1	
Nitrogen, Ammonia, Total (as N)	mg/L	Max Max	2.5 3.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFD-1	
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	EFD-1	
Phosphorus, Total (as P)	mg/L	Max Max	0.4 0.5	Monthly Average Single Sample	Weekly	16-hr FPC	EFD-1	
Nitrogen, Nitrate, Total (as N)	lb/month	Max	2805	Monthly Total	Weekly	Calculated	EFD-1	
Phosphorus, Total (as P)	lb/month	Max	40	Monthly Total	Weekly	Calculated	EFD-1	
Oxygen, Dissolved (DO)	mg/L	Min	6.0	Single Sample	Daily during a discharge	Grab	EFD-1	
Acute Whole Effluent Toxicity, 96 Hour LC50 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	Annually	Grab	EFD-1	See I.A.7
Acute Whole Effluent Toxicity, 96 Hour LC50 (Cyprinella leedsii)	percent	Min	100	Single Sample	Annually	Grab	EFD-1	See I.A.7

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FACILITY: Wekiva Hunt Club WWTP

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2. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-4	Flow meter at dechlorination tank
EFA-1	Sampling point after disinfection
EFD-1	Outfall Box
EFD-2	End of outfall discharge pipe

3. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
5. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. [62-600.440(4)(c)]
6. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-600.440(4)(b), (5)(b), and (6)(b)]
7. The permittee shall comply with the following requirements to evaluate acute whole effluent toxicity of the discharge from outfall D-001.
- a. Effluent Limitation
 - (1) In any routine or additional follow-up test for acute whole effluent toxicity, the 96-hour LC50 shall not be less than 100% effluent. [Rules 62-302.200(1), 62-302.500(1)(a)4., 62-4.244(3)(a), and 62-4.241, F.A.C.]
 - b. Monitoring Frequency
 - (1) Routine toxicity tests shall be conducted annually if a discharge occurs, the first starting during the next surface water discharge event and continuing for the duration of this permit.
 - c. Sampling Requirements
 - (1) All tests shall be conducted on a single grab sample of final effluent.
 - d. Test Requirements
 - (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and a minimum of five dilutions: **100%, 75%, 50%, 25%, and 12.5%** effluent.
 - (2) The permittee shall conduct 96-hour acute static renewal multi-concentration toxicity tests using the daphnid, **Ceriodaphnia dubia**, and the bannerfin shiner, **Cyprinella leedsi**, concurrently.
 - (3) All test species, procedures and quality assurance criteria used shall be in accordance with **Methods for Measuring Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms**, 5th Edition, EPA-821-R-02-012. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct acute toxicity testing in accordance with the revised method.
 - (4) The control water and dilution water shall be moderately hard water as described in EPA-821-R-02-012, Table 7.
 - e. Quality Assurance Requirements
 - (1) A standard reference toxicant (SRT) quality assurance (QA) acute toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or initiated no more than 30 days before the date of each routine or additional follow-up test conducted. Additionally, the SRT test must be conducted concurrently if the test organisms are obtained from outside the test laboratory unless the test organism supplier provides control chart data from at least the last five monthly acute toxicity tests using the same reference toxicant and test conditions. If the organism supplier provides the required

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SRT data, the organism supplier's SRT data and the test laboratory's monthly SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.

- (2) If the mortality in the control (0% effluent) exceeds 10% for either species in any test, the test for that species (including the control) shall be invalidated and the test repeated. The repeat test shall begin within 14 days after the last day of the invalid test.
 - (3) If 100% mortality occurs in all effluent concentrations for either species prior to the end of any test and the control mortality is less than 10% at that time, the test (including the control) for that species shall be terminated with the conclusion that the test fails and constitutes non-compliance.
 - (4) Routine and additional follow-up tests shall be evaluated for acceptability based on the concentration-response relationship, as required by EPA-821-R-02-012, Section 12.2.6.2., and included with the bioassay laboratory reports.
- f. Reporting Requirements
- (1) Results from all required tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
 - (a) Routine Test Results: If an LC50 >100% effluent occurs in the test for the test species, ">100%" shall be entered on the DMR for that test species. If an LC50 <100% effluent occurs, the calculated LC50 effluent concentration shall be entered on the DMR for that test species.
 - (b) Additional Follow-up Test Results: For each additional test required, the calculated LC50 value shall be entered on the DMR for that test species.
 - (2) A bioassay laboratory report for the routine test shall be prepared according to EPA-821-R-02-012, Section 12, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days after the last day of the test.
 - (3) For additional follow-up tests, a single bioassay laboratory report shall be prepared according to EPA-821-R-02-012, Section 12, and mailed within 30 days after the last day of the second valid additional follow-up test.
 - (4) Data for invalid tests shall be included in the bioassay laboratory report for the repeat test.
 - (5) The same bioassay data shall not be reported as the results of more than one test.
 - (6) All bioassay laboratory reports shall be sent to:
Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3767
- g. Test Failures
- (1) A test fails when the test results do not meet the limits in 7.a.(1).
 - (2) Additional Follow-up Tests:
 - (a) If a routine test does not meet the acute toxicity limitation in 7.a.(1) above, the permittee shall notify the Department at the address above within 21 days after the last day of the failed routine test and conduct two additional follow-up tests on each species that failed the test in accordance with 7.d.
 - (b) The first test shall be initiated within 28 days after the last day of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until a total of two valid additional follow-up tests are completed.
 - (c) The first additional follow-up test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 75%, 50%, 25%, and 12.5% effluent. The permittee may modify the dilution series in the second additional follow-up test to more accurately bracket the toxicity such that at least two dilutions above and two dilutions below the target concentration and a control (0% effluent) are run. All test results shall be statistically analyzed according to the procedures in EPA-821-R-02-012.
 - (3) In the event of three valid test failures (whether routine or additional follow-up tests) within a 12-month period, the permittee shall notify the Department within 21 days after the last day of the third test failure.
 - (a) The permittee shall submit a plan for correction of the effluent toxicity within 60 days after the last day of the third test failure.
 - (b) The Department shall review and approve the plan before initiation.
 - (c) The plan shall be initiated within 30 days following the Department's written approval of the plan.
 - (d) Progress reports shall be submitted quarterly to the Department at the address above.

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- (e) During the implementation of the plan, the permittee shall conduct quarterly routine whole effluent toxicity tests in accordance with 7.d. Additional follow-up tests are not required while the plan is in progress. Following completion or termination of the plan, the frequency of monitoring for routine and additional follow-up tests shall return to the schedule established in 7.b.(1). If a routine test is invalid according to the acceptance criteria in EPA-821-R-02-012, a repeat test shall be initiated within 14 days after the last day of the invalid routine test.
 - (f) Upon completion of four consecutive quarterly valid routine tests that demonstrate compliance with the effluent limitation in 7.a.(1) above, the permittee may submit a written request to the Department to terminate the plan. The plan shall be terminated upon written verification by the Department that the facility has passed at least four consecutive quarterly valid routine whole effluent toxicity tests. If a test within the sequence of the four is deemed invalid, but is replaced by a repeat valid test initiated within 14 days after the last day of the invalid test, the invalid test will not be counted against the requirement for four consecutive quarterly valid routine tests for the purpose of terminating the plan.
- (4) The additional follow-up testing and the plan do not preclude the Department taking enforcement action for whole effluent toxicity failures.

[62-4.241, 62-620.620(3)]

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B. Reuse and Land Application Systems

- During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	
Flow (Rapid Infiltration Basins)	MGD	Max Max	0.4 Report	Annual Average Monthly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-2	See I.B.3 and III. 19
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Bi-weekly; every 2 weeks	16-hr FPC	EFA-1	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Bi-weekly; every 2 weeks	16-hr FPC	EFA-1	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Bi-weekly; every 2 weeks	Grab	EFA-1	See I.B.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Meter	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Meter	EFA-1	See I.B.5
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Bi-weekly; every 2 weeks	16-hr FPC	EFA-1	
Nitrogen, Total	mg/L	Max	10.0	Annual Average	Bi-weekly; every 2 weeks	16-hr FPC	EFA-1	

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2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-2	Flow meter to the rapid infiltration basins
EFA-1	Sampling point after disinfection

3. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-601.200(17) and .500(6)]*
4. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. *[62-600.440(4)(c)]*
5. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510, 62-600.440(4)(b) and (5)(b)]*

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6. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-002. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Public Access Reuse)	MGD	Max Max	2.900 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-3	See I.B.9
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	16-hr FPC	EFA-1	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 Days/Week	Grab	EFA-1	
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 Days/Week	Grab	EFA-1	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 Days/Week	Calculated	EFA-1	See I.B.10
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-1	See I.B.8
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-1	See I.B.11 and I.B.14
Solids, Total Suspended	mg/L	Max	Report	Single Sample	Continuous	Meter	EFA-1	See I.B.12 and I.B.14
Giardia	cysts/ 100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-1	See I.B.15
Cryptosporidium	oocysts/ 100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-1	See I.B.15
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Single Sample Annual Average	Weekly	16-hr FPC	EFA-1	
Nitrogen, Total	mg/L	Max	10.0	Annual Average	Weekly	16-hr FPC	EFA-1	

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7. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.B.6. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-3	flow meter at reuse pump station
EFA-1	Sampling point after disinfection
EFB-1	Sampling point after filtration and prior to disinfection

8. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
9. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-601.200(17) and .500(6)]*
10. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(5)(f)]*
11. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b); 62-610.460(2); and 62-610.463(2)]*
12. The maximum TSS meter reading shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463(2)]*
13. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to the following permitted alternate discharge system: R-001. *[62-610.320(6) and 62-610.463(2)]*
14. Instruments for continuous on-line monitoring of total residual chlorine and TSS shall be equipped with an automated data logging or recording device. *[62-610.463(2)]*
15. Intervals between sampling for *Giardia* and *Cryptosporidium* shall not exceed two years. *[62-610.463(4)]*

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C. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.C.8.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Total Through Plant)	MGD	Max Max Max	2.9 Report Report	Annual Average Monthly Average Quarterly Average	Continuous	Recording Flow Meter with Totalizer	FLW-1	See I.C.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-1	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-1	See I.C.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Weekly	16-hr FPC	INF-1	See I.C.3

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.C.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-1	Flow meter at discharge of the chlorine contact chamber
CAL-1	Calculated using flow data from FLW-1
INF-1	Influent splitter box

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
5. Sampling results for *Giardia* and *Cryptosporidium* shall be reported on DEP Form 62-610.300(4)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Central District Office and to DEP's Reuse Coordinator in Tallahassee. [62-610.300(4)(a)]
6. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
8. **Monitoring requirements under this permit are effective on May 1, 2016.** Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

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REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Monthly	first day of month - last day of month	28 th day of following month
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection
 Wastewater Compliance Evaluation Section, Mail Station 3551
 Bob Martinez Center
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

If submitting electronic DMR forms, the permittee shall use the electronic DMR system(s) approved in writing by the Department and shall electronically submit the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

[62-620.610(18)][62-601.300(1),(2), and (3)]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, odor, and corrosivity). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by June 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-601.300(4)][62-601.500(3)][62-610.300(4)]*
10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*
11. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's Central District Office for review and approval upon revision of the operating protocol(s) and with each permit application. *[62-610.320(6)][62-610.463(2)]*
12. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department's Central District Office at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. *[62-610.464(5)]*
13. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Florida Department of Environmental Protection
 Central District Office
 3319 Maguire Blvd, Suite 232
 Orlando, Florida 32803-3767

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Phone Number - (407)897-4100
 FAX Number - (850)412-0467
 (All FAX copies and e-mails shall be followed by original copies.)
 [62-620.305]

- All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

- Biosolids generated by this facility may be transferred to Shelley's BTF or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. [62-620.320(6), 62-640.880(1)]
- The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. [62-640.650(4)(a)]
- Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.C.8.

Parameter	Units	Max/Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1

[62-640.650(5)(a)1]

- Biosolids quantities shall be calculated as listed in Permit Condition II.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Calculated Quantities

- The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-640.400(6)]
- Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
- Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

B. Disposal

- Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(b) & (c)]

C. Transfer

- The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]

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10. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility	Biosolids Treatment Facility or Treatment Facility
1. Date and time shipped	1. Date and time received
2. Amount of biosolids shipped	2. Amount of biosolids received
3. Degree of treatment (if applicable)	3. Name and ID number of source facility
4. Name and ID Number of treatment facility	4. Signature of hauler
5. Signature of responsible party at source facility	5. Signature of responsible party at treatment facility
6. Signature of hauler and name of hauling firm	

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

D. Receipt

11. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*

III. GROUND WATER REQUIREMENTS

1. The permittee shall give at least 72-hours' notice to the Department's Central District Office, prior to the installation of any monitoring wells. *[62-520.600(6)(h)]*
2. Before construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location to properly determine monitoring well specifications such as well depth, screen interval, screen slot, and filter pack. *[62-520.600(6)(g)]*
3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Central District Office well completion reports and soil boring/lithologic logs on the attached DEP Form(s) 62-520.900(3), Monitoring Well Completion Report. *[62-520.600(6)(j) and .900(3)]*
4. All piezometers and monitoring wells not part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., unless future use is intended. *[62-532.500(5)]*
5. For the Part IV land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-001 shall extend horizontally 100 feet from the application site and vertically to the base of the surficial aquifer. *[62-520.200(27)] [62-520.465]*
6. For the Part III Public Access system, all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-002 shall extend horizontally 100 feet from the application site(s) or to the property boundaries, whichever is less, and vertically to the base of the surficial aquifer. *[62-520.200(27)] [62-520.465]*
7. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*
8. If the concentration for any constituent listed in Permit Condition III.11. and III.13. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. *[62-520.420(2)]*
9. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Conditions III.10. and III.12., below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. *[62-520.600] [62-610.463] [62-610.510]*

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10. The following monitoring wells shall be sampled for Reuse System R-001.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude			Longitude			Depth (Feet)	Aquifer Monitored	New or Existing
		°	'	"	°	'	"			
MWB-1	Background well at RIBs, W-1 #201	28	41	40	81	26	7	20	Surficial	Existing
MWC-2	NW Compliance well at RIBs, W-2	28	41	49	81	26	3	20	Surficial	Existing
MWC-4R	Compliance well at RIBs	28	41	44	81	25	55	20	Surficial	Existing

MWC = Compliance; MWB = Background; MWI = Intermediate; MWP =Piezometer

[62-520.600] [62-610.510]

11. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.10.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	ft	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	s.u.	Grab	Quarterly
Turbidity	Report	NTU	Grab	Quarterly

[62-520.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601] [62-601.300(6)] [62-520.310(5)]

12. The following monitoring wells shall be sampled for Reuse System R-002.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude			Longitude			Depth (Feet)	Aquifer Monitored	New or Existing
		°	'	"	°	'	"			
MWC-5	Compliance well at Golf Course site	28	41	51	81	26	51	15	Surficial	Existing
MWC-6	Compliance well at Golf course site	28	41	44	81	26	27	15	Surficial	Existing

MWC = Compliance; MWB = Background; MWI = Intermediate; MWP =Piezometer

[62-520.600] [62-610.463]

13. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.12.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	ft	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	s.u.	Grab	Quarterly
Turbidity	Report	NTU	Grab	Quarterly

[62-520.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601] [62-601.300(6)] [62-520.310(5)]

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14. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. [62-520.600(11)(c)] [62-610.463(3)(a)] [62-610.510(3)(b)]
15. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-160.210] [62-601.700(5)]
16. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District Office as being more representative of ground water conditions. [62-520.310(5)]
17. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.C.8. [62-520.600(11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]
18. If any monitoring well becomes inoperable or damaged to the extent that sampling or well integrity may be affected, the permittee shall notify the Department's Central District Office within two business days from discovery, and a detailed written report shall follow within ten days after notification to the Department. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence or request approval for replacement of the monitoring well. All monitoring well design and replacement shall be approved by the Department's Central District Office before installation. [62-520.600(6)(l)]
19. **The water table elevation in monitoring well MWB-1 shall be monitored during extended or excessive rainfall events to ensure that the groundwater is not exceeding the normal or seasonal highs. If the water level in the well increases to within 7 feet of the top of the well casing, use of the RIBs must be suspended to prevent malfunction of the system.** [62-610.523(4)]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part III Public Access System(s)

1. This reuse system includes the following major user(s) of reclaimed water (i.e., using 0.1 MGD or more) and general service area(s):

Site Number	User Name	User Type	Capacity (MGD)
PAA-002C	Wekiva Golf Course	Golf Courses	0.35
PAA-002D	Lake Brantley Plant Corp	Retail Nurseries, Feneries, and Sod Farms	0.3
PAA-002A-E	Altamonte Springs RW Interconnection	Residential Developments	1.4
PAA-002A	Wekiva Hunt Club Community Assoc	Golf Courses	0.2
PAA-002B	Trophy Club Golf Course	Golf Courses	0.3
PAA-002F	Apopka RW Interconnection	Residential Developments	1.0
Total			2.9+

[62-610.800(5)][62-620.630(10)(b)]

2. Cross-connections to the potable water system are prohibited. [62-610.469(7)]
3. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use and shall be in compliance with the Rule 62-555.360, F.A.C. [62-610.469(7)]
4. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify both the proper use of reclaimed water and that the proper backflow prevention assemblies or devices have been installed and tested. Inspections are required when a

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customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. *[62-610.469(7)(h)]*

5. If an actual or potential (e.g. no dual check device on residential connections served by a reuse system) cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area if an actual cross-connection is discovered.
 - b. If the potable water system is contaminated, clear the potable water lines.
 - c. Eliminate the cross-connection and install a backflow prevention device as required by the Rule 62-555.360.F.A.C.
 - d. Test the affected area for other possible cross-connections.
 - e. Within 24 hours, notify the Department's Central District Office's domestic wastewater and drinking water programs.
 - f. Within 5 days of discovery of an actual or potential cross-connection, submit a written report to the Department's Central District Office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.

[62-555.350(3) and 62-555.360][62-620.610(20)]

6. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*
7. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3)]*
8. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*
9. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
10. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*
11. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*
12. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*
13. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit,

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modification, or replacement shall occur within 730 days after the date of this permit. [62-610.468, 62-610.469]

14. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. [62-610.468(6)]
15. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
16. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]
17. The St. Johns River Water Management District (SJRWMD) authorized (by letter dated June 22, 2000) the use of one storm water management pond, located at the Trophy Club Golf Course, as a reclaimed water storage pond, subject to the following condition: No reclaimed water shall be discharged to the pond until the water level drops to 50.7 feet N.G.V.D. and the discharge must cease when the water elevation reaches 51.7 feet N.G.V.D. [62-610.830(4)]
18. Discharge to off-site surface waters from the reclaimed water storage/storm water management pond, located at the Trophy Club Golf Course, is prohibited. The permittee shall report to the Department any noncompliance with this and/or any applicable requirements in accordance with general condition IX.20 of this permit. [62-610.830(4)]

B. Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The maximum annual average loading rate to the four rapid infiltration basins shall be limited to 1.9 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The four rapid infiltration basins normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle.[62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category I, Class B facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 8 hours/day for 7 days/week, with staffing during the 8-hour period of greatest influent flow to the WWTP. The lead/chief operator must be a Class B operator, or higher.

[62-620.630(3)][62-699.310] [62-610.462]

2. The lead/chief operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site.

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An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (6) and (1)]*

3. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of any required record drawings;
 - h. Copies of the licenses of the current certified operators;
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
 - j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

[62-620.350, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

1. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
 - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the

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Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or

- b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. *[62-610.800(10)]*
2. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
4. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
5. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.*[62-604.130(5)]*
6. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1) and 62-600.400(2)(b)]*

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7. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
8. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
9. The permittee shall provide verbal notice to the Department's Central District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*
10. The permittee shall provide notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not

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be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

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15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.*[62-620.610(18)]*
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
20. The permittee shall report to the Department's Central District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

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- a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
 - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
 - (a) Name, address, and telephone number of person reporting;
 - (b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - (c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - (e) Estimated amount of the discharge;
 - (f) Location or address of the discharge;
 - (g) Source and cause of the discharge;
 - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - (i) Description of area affected by the discharge, including name of water body affected, if any; and
 - (j) Other persons or agencies contacted.
 - (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Central District Office within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Central District Office shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*
22. Bypass Provisions.
 - a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
 - b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
 - c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

PERMITTEE: Utilities Inc of Florida
FACILITY: Wekiva Hunt Club WWTP

PERMIT NUMBER: FL0036251 (Minor)
EXPIRATION DATE: March 30, 2021

- d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
- e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

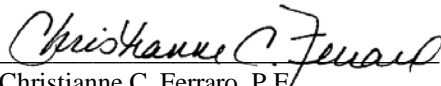
23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
 - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Christianne C. Ferraro, P.E.

Administrator
Permitting and Waste Cleanup Program - Wastewater

Permit Issuance Date: March 29, 2016

Attachment(s):
Discharge Monitoring Report
"Pathogen Monitoring" Form

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Utilities Inc of Florida
 MAILING ADDRESS: 200 Weathersfield Ave
 Altamonte Springs, Florida 32714-4027

PERMIT NUMBER: FL0036251-022-DW1P

DMR Effective Date: May 1, 2016
 Expiration Date: March 30, 2021
 REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

FACILITY: Wekiva Hunt Club WWTP
 LOCATION: 144 Ledbury Dr
 Longwood, FL 32779-4609

LIMIT: Final
 CLASS SIZE: MI
 MONITORING GROUP NUMBER: D-001
 MONITORING GROUP DESCRIPTION: Surface Water Discharge, with Influent

COUNTY: Seminole
 OFFICE: Central District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Surface Water Discharge)	Sample Measurement									
PARM Code 50050 Y Mon. Site No. FLW-4	Permit Requirement		0.87 (An.Avg.)	MGD					Daily during Discharge	Flow Totalizer
Flow (Surface Water Discharge)	Sample Measurement									
PARM Code 50050 1 Mon. Site No. FLW-4	Permit Requirement	Report (Max Day)	Report (Mo.Avg.)	MGD					Daily during Discharge	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement				5.0 (Mo.Avg.)	6.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement				5.0 (Mo.Avg.)	6.0 (Max.)	mg/L		Weekly	16-hr FPC
Coliform, Fecal	Sample Measurement									
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement				200 (An.Avg.)		#/100mL		Weekly	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Weekly	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP

D-001

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement								
PARM Code 00400 1 Mon. Site No. EFD-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)	s.u.		Daily during Discharge	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement								
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement			0.5 (Min.)		mg/L		Daily during Discharge	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement								
PARM Code 50060 1 Mon. Site No. EFD-1	Permit Requirement				0.01 (Max.)	mg/L		Daily during Discharge	Grab
Nitrogen, Total	Sample Measurement								
PARM Code 00600 Y Mon. Site No. EFA-1	Permit Requirement				Report (An.Avg.)	mg/L		Weekly	16-hr FPC
Nitrogen, Total	Sample Measurement								
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement				Report (Mo.Avg.)	mg/L		Weekly	16-hr FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement								
PARM Code 00610 1 Mon. Site No. EFD-1	Permit Requirement				2.5 (Mo.Avg.)	3.0 (Max.)	mg/L	Weekly	16-hr FPC
Nitrogen, Nitrate, Total (as N)	Sample Measurement								
PARM Code 00620 1 Mon. Site No. EFD-1	Permit Requirement					Report (Max.)	mg/L	Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement								
PARM Code 00665 1 Mon. Site No. EFD-1	Permit Requirement				0.4 (Mo.Avg.)	0.5 (Max.)	mg/L	Weekly	16-hr FPC
Nitrogen, Nitrate, Total (as N)	Sample Measurement								
PARM Code 00620 P Mon. Site No. EFD-1	Permit Requirement	2805 (Mo.Total)	lb/mth					Weekly	Calculated
Phosphorus, Total (as P)	Sample Measurement								
PARM Code 00665 P Mon. Site No. EFD-1	Permit Requirement	40 (Mo.Total)	lb/mth					Weekly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP

D-001

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-1	Permit Requirement				6.0 (Min.)			mg/L		Daily during Discharge	Grab
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TAN3B P Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		Annually	Grab
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B Q Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B R Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Routine)	Sample Measurement										
PARM Code TAN6H P Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		Annually	Grab
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H Q Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H R Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
Flow (Total Through Plant)	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-1	Permit Requirement		2.900 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Total Through Plant)	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-1	Permit Requirement	Report (Qt.Avg.)	Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon. Site No. CAL-1	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement						Report (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement						Report (Max.)	mg/L		Weekly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Utilities Inc of Florida
 MAILING ADDRESS: 200 Weathersfield Ave
 Altamonte Springs, Florida 32714-4027

PERMIT NUMBER: FL0036251-022-DW1P

FACILITY: Wekiva Hunt Club WWTP
 LOCATION: 144 Ledbury Dr
 Longwood, FL 32779-4609

LIMIT: Final
 CLASS SIZE: MI
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: RIBs

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Seminole
 OFFICE: Central District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Rapid Infiltration Basins)	Sample Measurement									
PARM Code 50050 Y Mon. Site No. FLW-2	Permit Requirement	0.4 (An.Avg.)	MGD						5 Days/Week	Flow Totalizer
Flow (Rapid Infiltration Basins)	Sample Measurement									
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/L		Bi-weekly; every 2 weeks	16-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Bi-weekly; every 2 weeks	16-hr FPC
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/L		Bi-weekly; every 2 weeks	16-hr FPC
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Bi-weekly; every 2 weeks	16-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP R-001

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement								
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement			200 (An.Avg.)		#/100mL		Bi-weekly; every 2 weeks	Grab
Coliform, Fecal	Sample Measurement								
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement			200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Bi-weekly; every 2 weeks	Grab
pH	Sample Measurement								
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement								
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement			0.5 (Min.)		mg/L		5 Days/Week	Meter
Nitrogen, Nitrate, Total (as N)	Sample Measurement								
PARM Code 00620 A Mon. Site No. EFA-1	Permit Requirement				12.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	16-hr FPC
Nitrogen, Total	Sample Measurement								
PARM Code 00600 Y Mon. Site No. EFA-1	Permit Requirement			10.0 (An.Avg.)		mg/L		Bi-weekly; every 2 weeks	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Utilities Inc of Florida
 MAILING ADDRESS: 200 Weathersfield Ave
 Altamonte Springs, Florida 32714-4027

PERMIT NUMBER: FL0036251-022-DW1P

FACILITY: Wekiva Hunt Club WWTP
 LOCATION: 144 Ledbury Dr
 Longwood, FL 32779-4609

LIMIT: Final
 CLASS SIZE: MI
 MONITORING GROUP NUMBER: R-002
 MONITORING GROUP DESCRIPTION: Public Access Reuse

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Seminole
 OFFICE: Central District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Public Access Reuse)	Sample Measurement									
PARM Code 50050 Y Mon. Site No. FLW-3	Permit Requirement	2.900 (An.Avg.)	MGD					Continuous	Flow Totalizer	
Flow (Public Access Reuse)	Sample Measurement									
PARM Code 50050 1 Mon. Site No. FLW-3	Permit Requirement	Report (Mo.Avg.)	MGD					Continuous	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/L	Weekly	16-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Weekly	16-hr FPC	
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 B Mon. Site No. EFB-1	Permit Requirement					5.0 (Max.)	mg/L	4 Days/Week	Grab	
Coliform, Fecal	Sample Measurement									
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement					25 (Max.)	#/100mL	4 Days/Week	Grab	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-002

PERMIT NUMBER: FL0036251-022-DW1P

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection	Sample Measurement									
PARM Code 51005 A Mon. Site No. EFA-1	Permit Requirement			75 (Min.Mo.Total)			percent		4 Days/Week	Calculated
pH	Sample Measurement									
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement									
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement			1.0 (Min.)			mg/L		Continuous	Meter
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 P Mon. Site No. EFB-1	Permit Requirement					Report (Max.)	mg/L		Continuous	Meter
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 Y Mon. Site No. EFA-1	Permit Requirement				Report (An.Avg.)		mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement					Report (Max.)	mg/L		Weekly	16-hr FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 Y Mon. Site No. EFA-1	Permit Requirement				10.0 (An.Avg.)		mg/L		Weekly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Utilities Inc of Florida
 MAILING ADDRESS: 200 Weathersfield Ave
 Altamonte Springs, Florida 32714-4027

PERMIT NUMBER: FL0036251-022-DW1P

FACILITY: Wekiva Hunt Club WWTP
 LOCATION: 144 Ledbury Dr
 Longwood, FL 32779-4609

LIMIT: Final
 CLASS SIZE: MI
 MONITORING GROUP NUMBER: RMP-Q
 MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Seminole
 OFFICE: Central District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement							
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo.Total)	dry tons				Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement							
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo.Total)	dry tons				Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0036251-022-DW1P

Facility: Wekiva Hunt Club WWTP

Monitoring Period From: _____ To: _____

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Nitrogen, Nitrate, Total (as N) mg/L	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L	Solids, Total Suspended mg/L	pH s.u. (Min)	pH s.u. (Max)
Code	80082	50060	74055	00620	00600	00665	00530	00400	00400
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1
1									
2									
3									
4									
5									
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23									
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25									
26									
27									
28									
29									
30									
31									
Total									
Mo. Avg.									

PLANT STAFFING:

Day Shift Operator	Class: _____	Certificate No: _____	Name: _____
Evening Shift Operator	Class: _____	Certificate No: _____	Name: _____
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: _____	Certificate No: _____	Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FL0036251-022-DW1P
From: _____ To: _____

Facility: Wekiva Hunt Club WWTP

	Solids, Total Suspended mg/L (grab)	Solids, Total Suspended mg/L (meter)	Chlorine, Total Residual (For Dechlorination) mg/L	Nitrogen, Ammonia, Total (as N) mg/L	Nitrogen, Nitrate, Total (as N) mg/L	Oxygen, Dissolved (DO) mg/L	Phosphorus, Total (as P) mg/L	pH s.u. (Min)	pH s.u. (Max)
Code	00530	00530	50060	00610	00620	00300	00665	00400	00400
Mon. Site	EFB-1	EFB-1	EFD-1	EFD-1	EFD-1	EFD-1	EFD-1	EFD-1	EFD-1
1									
2									
3									
4									
5									
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28									
29									
30									
31									
Total									
Mo. Avg.									

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0036251-022-DW1P
 Monitoring Period From: _____ To: _____

Facility: Wekiva Hunt Club WWTP

	Flow (Total Through Plant) MGD	Flow (Rapid Infiltration Basins) MGD	Flow (Public Access Reuse) MGD	Flow (Surface Water Discharge) MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L			
Code	50050	50050	50050	50050	80082	00530			
Mon. Site	FLW-1	FLW-2	FLW-3	FLW-4	INF-1	INF-1			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Total									
Mo. Avg.									

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Wekiva Hunt Club WWTP
 Permit Number: FL0036251-022-DW1P
 County: Seminole

Monitoring Well ID: MWB-1
 Well Type: Background
 Description: Background well at Pond site W-1 #201

Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Wekiva Hunt Club WWTP
 Permit Number: FL0036251-022-DW1P
 County: Seminole

Monitoring Well ID: MWC-2
 Well Type: Compliance
 Description: NW Compliance well
 at Pond site W-2

Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Wekiva Hunt Club WWTP
 Permit Number: FL0036251-022-DW1P
 County: Seminole

Monitoring Well ID: MWC-4R
 Well Type: Compliance
 Description: Compliance well at Ponds site

Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Wekiva Hunt Club WWTP
 Permit Number: FL0036251-022-DW1P
 County: Seminole

Monitoring Well ID: MWC-5
 Well Type: Compliance
 Description: Compliance well at Golf Course site

Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

Facility Name: Wekiva Hunt Club WWTP
 Permit Number: FL0036251-022-DW1P
 County: Seminole

Monitoring Well ID: MWC-6
 Well Type: Compliance
 Description: Compliance well at golf course site

Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARAM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Utilities Inc of Florida
 MAILING ADDRESS: 200 Weathersfield Ave
 Altamonte Springs, Florida 32714-4027

FACILITY: Wekiva Hunt Club WWTP
 LOCATION: 144 Ledbury Dr
 Longwood, FL 32779-4609

COUNTY: Seminole
 OFFICE: Central District

PERMIT NUMBER: FL0036251-022-DW1P

LIMIT: Final
 CLASS SIZE: MI
 MONITORING GROUP NUMBER: RWS-A
 MONITORING GROUP DESCRIPTION: Annual Reclaimed Water or Effluent Analysis

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING NOT REQUIRED:
 MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)*	Sample Measurement							
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement							
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement							
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement							
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement							
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement							
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

*GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement							
PARM Code 00722 P	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Mon. Site No. RWS-A								
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement							
PARM Code 00951 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Lead, Total Recoverable (GWS = 15)	Sample Measurement							
PARM Code 01114 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Mercury, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 71901 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nickel, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01074 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement							
PARM Code 00620 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement							
PARM Code 00615 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement							
PARM Code 00630 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Selenium, Total Recoverable (GWS =50)	Sample Measurement							
PARM Code 00981 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Sodium, Total Recoverable (GWS = 160)	Sample Measurement							
PARM Code 00923 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement							
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement							
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement							
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement							
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement							
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement							
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement							
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement							
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement							
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement							
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement							
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement							
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement							
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement							
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement							
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement							
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement							
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement							
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement							
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement							
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement							
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10 ⁻⁵)	Sample Measurement							
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement							
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement							
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement							
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement							
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement							
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement							
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement							
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement							
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement							
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement							
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement							
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement							
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement							
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement							
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement							
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement							
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement							
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement							
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement							
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement							
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement							
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement							
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement							
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement							
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement							
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement							
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement							
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement							
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement							
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement							
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement							
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement							
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement							
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement							
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement							
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement							
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement							
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Wekiva Hunt Club WWTP

MONITORING GROUP RWS-A

PERMIT NUMBER: FL0036251-022-DW1P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement							
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement							
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement							
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	s.u.		Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement							
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement							
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC



Florida Department of Environmental Protection
Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PATHOGEN MONITORING

Part I - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:
 - a. Routine Sampling:

If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.
 - b. Subsequent Re-Sampling:

If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.
2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:
 - a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at www.dep.state.fl.us/secretary/dist/default.htm.
 - b. DEP Water Reuse Coordinator
Mail Station 3540
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
3. Please type or print legibly.
4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.
5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).

6. For each sample, record the sample volume obtained in liters.
7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.
8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

- a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.
 - b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.
9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.
 10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at www.dep.state.fl.us/labs/cgi-bin/aams/index.asp
 11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).
 12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.
 13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.
 14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen

samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

Part II - General Information

1. DEP wastewater facility identification number: **FL0036251**

Wastewater facility name: Wekiva Hunt Club WWTP

Permittee name: Utilities Inc of Florida

2. Person completing this form:

Name: _____

Telephone: (_____) _____

Email address: _____

3. Sampling and analysis:

Date samples were taken: _____

Organization collecting the samples: _____

Was the sample dechlorinated in the field? Yes No

Was the sample refrigerated or kept on ice during shipment to the laboratory? Yes No

Date samples delivered to laboratory: _____

Date analytical work was done: _____

Laboratory doing the analysis: _____

Laboratory's DOH Identification Number: _____

Approved method used:

EPA Method 1623

Other approved method: _____

Contact person at the laboratory: _____

Email address of the lab contact person: _____

4. Is this the first time that this form has been submitted for the facility?

Yes [Please complete Questions 7 through 16.]

No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

No [Proceed to Question 6.]

Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

Yes [Please complete Questions 7 through 16.]

No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

Conventional activated sludge

Extended aeration

Contact stabilization

Biological nutrient removal (such as Bardenpho)

Other: _____

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? Yes No

9. Filter type:

Deep bed, single media

Deep bed, multiple media

Shallow bed, automatic backwash

Upflow (including Dynasand)

Slow rate sand filter

Diatomaceous earth filter

Fabric filter

Cartridge filter

Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

Other: _____

10. Filter Media (complete for each type of media provided):

Top layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media: Media type: _____
 Effective size: _____ mm
 Uniformity coefficient: _____
 Bed depth: _____ inches

Bottom layer of media: Media type: _____
 Effective size: _____ mm
 Uniformity coefficient: _____
 Bed depth: _____ inches

11. Filter backwash water:

- Backwash water is returned to the headworks of the treatment plant.
- Backwash water is returned to the aeration basin.
- Other. Please describe: _____

12. Disinfection system:

- Chlorination, gas Hypochlorite
- Chlorine dioxide Chlorination, other _____
- Ultraviolet Ozone
- Other: _____

13. Is chlorine added before the filters? No Yes Dose: _____ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

- No
- Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: _____ Dose: _____ mg/L

Chemical 2 - Name: _____ Dose: _____ mg/L

Chemical 3 - Name: _____ Dose: _____ mg/L

15. Wastewater treatment plant permitted capacity: _____ MGD

16. Wastewater flow being treated at the time samples were collected: _____ MGD

PART III - PATHOGEN MONITORING REPORT

FACILITY ID: FL0036251

FACILITY NAME: Wekiva Hunt Club WWTP

FACILITY ADDRESS: 144 Ledbury Dr, Longwood, FL 32779-4609

PERMITTEE NAME: Utilities Inc of Florida

MAILING ADDRESS: 200 Weathersfield Ave, Altamonte Springs, Florida 32714-4027

DATE OF SAMPLING: _____

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> , total count * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> (total count) * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

* Data entries must be made for both total and potentially viable cysts and oocysts.

PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
Email Address			

**FACT SHEET
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FL0036251-022 (Minor)
FACILITY NAME: Wekiva Hunt Club WWTP
FACILITY LOCATION: 144 Ledbury Dr., Longwood, FL 32779-4609
Seminole County
NAME OF PERMITTEE: Utilities Inc of Florida
PERMIT WRITER: Dennise Judy

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FL0036251-022-DW1P
Application Submittal Date: September 30, 2015

b. Type of Facility

Domestic Wastewater Treatment Plant
Ownership Type: Private
SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	2.9 mgd	Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	0 mgd	Annual Average Daily Flow
Proposed Total Permitted Capacity:	2.9 mgd	Annual Average Daily Flow

d. Description of Wastewater Treatment

An existing 2.9 MGD annual average daily flow (AADF) activated sludge domestic wastewater treatment facility consisting of three (3) contiguous package wastewater treatment plants (0.97 MGD design capacity, each), connected in parallel with mechanical influent screening, aeration, clarification, chemical feed facilities, disinfection by chlorination, tertiary filtration, dechlorination, two (2) 3.0 MG reclaimed water storage tanks, aerobic digestion of biosolids and dewatering by vacuum assisted drying bed and belt filter press.

e. Description of Effluent Disposal and Land Application Sites

Surface Water Discharge D-001: An existing 0.87 MGD annual average daily flow discharge to Sweetwater Creek, Class III fresh waters, (WBID# 2956) which is limited to 30% of the total plant flow, as a back-up to the public access reuse system. The outfall is approximately 1 foot in length and discharges at a depth of approximately 0 feet. The point of discharge is located approximately at latitude 28°41' 52" N, longitude 81°25' 53" W.

Land Application R-001: An existing 0.4 MGD annual average daily flow permitted capacity rapid infiltration basin system. R-001 is a reuse system which consists of four rapid infiltration basins having a capacity of 0.4 MGD located approximately at latitude 28°42' 5" N, longitude 81°24' 27" W.

Land Application R-002: An existing 2.900 MGD annual average daily flow permitted capacity slow-rate public access reuse system. R-002 consists of irrigation to the users listed in Section IV of this permit, or transfer to the approved reuse service areas for Apopka and Altamonte Springs. Reclaimed water may be stored in a stormwater management pond located at the Trophy Club Golf Course, in accordance with Conditions IV.A.17 and 18 of the permit, or in the two (2) on-site 3.0 MG reclaimed water storage tanks. Reject flow is diverted to R-001, the RIBs. Land application system R-002 is located approximately at latitude 29° 42' 16" N, longitude 81° 26' 23" W.

2. SUMMARY OF SURFACE WATER DISCHARGE (as reported by applicant)

Monitoring Group D-001, Discharge to Class III Fresh Waters, Sweetwater Creek

Pollutants which are present in significant quantities or which are subject to permit limitations are as follows:

Parameter	Units	Max/Min	Reported Value	Statistical Basis
Flow	MGD	Max	0.169	Annual Average
BOD, Carbonaceous 5 day, 20C	mg/L	Max	2.2	Monthly Average
Solids, Total Suspended	mg/L	Max	1.70	Monthly Average
Coliform, Fecal	#/100mL	Max	0.0	Annual Average
pH	s.u.	Min	6.0	Single Sample
Chlorine, Total Residual	mg/L	Min	0.50	Single Sample
Chlorine, Total Residual	mg/L	Max	0.1	Single Sample
Nitrogen, Total	mg/L	Max	10.10	Monthly Average
Nitrogen, Ammonia, Total (as N)	mg/L	Max	0.6	Monthly Average
Nitrogen, Nitrate, Total (as N)	mg/L	Max	6.5	Single Sample
Phosphorus, Total (as P)	mg/L	Max	0.40	Monthly Average
Nitrogen, Nitrate, Total (as N)	lb/month	Max	870	Monthly Total
Phosphorus, Total (as P)	lb/month	Max	38.9	Monthly Total
Oxygen, Dissolved (DO)	mg/L	Min	6.2	Single Sample
Whole Effluent Toxicity	percent	Max	100	Routine

The surface water discharge is minimal and very infrequent since the reuse interconnect with the City of Apopka Public Access Reuse (PAR) System, except during the fall/winter of 2014 during a period of very unusual excessive rainfall. The Rapid Infiltration Basins (RIBs, R-001) were unable to contain and percolate the excessive reclaimed water because the underdrains had been improperly abandoned. The facility had no choice except to discharge to surface waters and exceeded the Total Phosphorus during this event. The violation was resolved through a Consent Order that has been closed for some time with all corrective actions completed.

This facility does not have a new or expanded discharge to surface waters, and the Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to discharge effluent from Outfall D-001 to Sweetwater Creek based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Surface Water Discharge)	MGD	Max	0.87	Annual Average	62-600.400(3)(b) FAC and 62-600.550(8)(b)
Flow (Surface Water Discharge)	MGD	Max	Report	Monthly Average Max Day	62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	5.0	Monthly Average	62-600.430 FAC, 62-650 FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	6.0	Single Sample	62-600.430 FAC, 62-650 FAC
Solids, Total Suspended	mg/L	Max	5.0	Monthly Average	62-600.430 FAC, 62-650 FAC
Solids, Total Suspended	mg/L	Max	6.0	Single Sample	62-600.430 FAC, 62-650 FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-600.440(4)(c)2. FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-600.440(4)(c)1. FAC
Coliform, Fecal	#/100mL	Max	800	Single Sample	62-600.440(4)(c)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-302.530(51) & 62-650 FAC
pH	s.u.	Max	8.5	Single Sample	62-302.530(51) & 62-650 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-600.440(4)(b) FAC
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	62-600.440(2) & 62-302.530(18) FAC
Nitrogen, Total	mg/L	Max	Report	Monthly Average	62-302.530(47)(a)(b) FAC
Nitrogen, Total	mg/L	Max	Report	Annual Average	62-601.300(6) FAC
Nitrogen, Ammonia, Total(as N)	mg/L	Max	2.5	Monthly Average	62-650 & 62-600.430 (1) FAC

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Nitrogen, Ammonia, Total(as N)	mg/L	Max	3.0	Single Sample	62-650 & 62-600.430 (1) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Single Sample	62-302.530(48)(a) FAC
Phosphorus, Total (as P)	mg/L	Max	0.4	Monthly Average	62-302.530(47)(a)(b) FAC
Phosphorus, Total (as P)	mg/L	Max	0.5	Single Sample	62-302.530(47)(a)(b) FAC
Nitrogen, Nitrate, Total (as N)	lb/month	Max	2805	Monthly Total	62-304.506(2)(a)FAC 62-302.531(2)(a) FAC
Phosphorus, Total (as P)	lb/month	Max	40	Monthly Total	62-304.506(2)(a)FAC 62-302.531(2)(a) FAC
Oxygen, Dissolved (DO)	mg/L	Min	6.0	Single Sample	62-302.533, FAC and BPJ
Acute Whole Effluent Toxicity, 96 Hour LC50 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	62-302.200(1), 62-302.500(1)(a)4 & 62-4.241(1)(a) FAC
Acute Whole Effluent Toxicity, 96 Hour LC50 (Cyprinella leedsi)	percent	Min	100	Single Sample	62-302.200(1), 62-302.500(1)(a)4 & 62-4.241(1)(a) FAC

The proposed effluent water limitations will be achieved during the period beginning on the issuance date and lasting through the expiration date of the permit.

The Total Maximum Daily Load (TMDL) for the Wekiva River, Upstream Segment, has been adopted by the Department. In accordance with Rule 62-304.506(2)(a), FAC, effective June 3, 2008, the wasteload allocation (WLA) for this facility is:

2,805 lb/month Nitrate Nitrogen
40 lb/month Total Phosphorus

The WQBELs for CBOD5, TSS, Total Ammonia, and Phosphorus were originally established by the Department on May 3, 1989, based on the monitoring and modeling information provided by Sanlando Utilities Corp. as part of the application for a construction permit for the expansion of the facility and as a result of intensive public input. The same WQBELs were included in the previous operation permit (State Permit FL0036251). The WQBELs included in this permit are based on the previous state and federal permits, except for Phosphorus, which has been replaced by the WLA, as described above.

Due to the greatly reduced frequency of the surface water discharge, the annual average concentrations limits for nutrients have been replaced by the annual loading limits; only monthly and weekly averages, and single sample maximums are applied, where appropriate. The facility is a Minor NPDES Discharger with no Industrial Pretreatment Program, and no past toxicity problems, therefore acute toxicity testing replaces chronic testing in this permit. The DO limit for the discharge has been maintained as in the previous permit, because the existing numeric limit (of 6.0 mg/L) is more stringent than the % saturation limit that would be applied to this discharge, as described in Rule 62-302.533, FAC.

This facility has provided reasonable assurance that the discharge will not adversely affect the designated use of the receiving water. Fifth year inspection data, as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards.

This facility is authorized to direct reclaimed water to Reuse System R-001, a Rapid Infiltration Basin (RIB) system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Rapid Infiltration Basins)	MGD	Max	0.4	Annual Average	62-600.400(3)(b) & 62-610.810(5) FAC
Flow (Rapid Infiltration Basins)	MGD	Max	Report	Monthly Average	62-600.400(3)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.740(1)(b)1.a. FAC

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
BOD, Carbonaceous 5 day, 20C	mg/L	Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.740(1)(b)1.a. FAC
Solids, Total Suspended	mg/L	Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
Solids, Total Suspended	mg/L	Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
Solids, Total Suspended	mg/L	Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-600.440(4)(c)2. FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-610.510 & 62-600.440(4)(c)1. FAC
Coliform, Fecal	#/100mL	Max	800	Single Sample	62-600.440(4)(c)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
pH	s.u.	Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.510 & 62-600.440(4)(b) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC
Nitrogen, Total	mg/L	Max	10.0	Annual Average	62-600.550.(5)(a)FAC

This facility is authorized to direct reclaimed water to Reuse System R-002, a slow-rate public access system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Public Access Reuse)	MGD	Max	2.900	Annual Average	62-600.400(3)(b) & 62-610.810(5) FAC
Flow (Public Access Reuse)	MGD	Max	Report	Monthly Average	62-600.400(3)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.460 & 62-600.740(1)(b)1.a. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended (grab)	mg/L	Max	5.0	Single Sample	62-610.460(1) & 62-600.440(5)(f)3. FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-610.460 & 62-600.440(5)(f)2. FAC
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	62-600.440(5)(f)1. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
pH	s.u.	Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(5)(b), 62-610.460(2), & 62-610.463(2) FAC
Solids, Total Suspended (meter)	mg/L	Max	Report	Single Sample	62-610.463(2) FAC
Giardia	cysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-601.300(6) FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Annual Average	62-601.300(6) FAC
Nitrogen, Total (as N)	mg/L	Max	10.0	Annual Average	62-600.550(4)(d)FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Total Through Plant)	MGD	Max	2.9	Annual Average	62-600.400(3)(b) FAC
Flow (Total Through Plant)	MGD	Max	Report	Monthly Average	62-600.400(3)(b) FAC
Flow (Total Through Plant)	MGD	Max	Report	Quarterly Average	62-600.400(3)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-601.300(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-601.300(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FL0036251-022-DW1P expires on March 30, 2021. WET testing has been changed from chronic to acute for this Minor NPDES Discharger with no Industrial Pretreatment Program (residential users only). Due to the increased ability to send reclaimed water to public access reuse, existing storage capability and other reuse options, this facility is not likely to discharge to surface water and approval was granted to discontinue the Sweetwater Creek/Cove Lake sampling requirements in permit condition I.D of the previous wastewater permit. The Department may require the facility to resume sampling if more frequent discharge at the surface water outfall D-001 occurs in the future.

The sampling frequency for the flow to D-001, along with pH, chlorine for disinfection and chlorine for dechlorination has been changed to “daily during discharge” given the infrequency and short duration of the discharges.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to Shelley's BTF or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency				All Parameters	62-640.650(5)(a) FAC

6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 601, 610, and 620, F.A.C.

7. PERMIT SCHEDULES

A schedule is not included in the wastewater permit.

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved Industrial Pretreatment Program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO and the Permittee has not entered into a CO with the Department.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. TERM OF THE PERMIT – Five years.

12. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 14. Copies will be provided at a minimal charge per page.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Effective Date of the Application	December 21, 2015
Notice of Draft Permit and Public Notice to Applicant	January 29, 2016
Notice of Intent to Issue to Applicant	February 29, 2016
Applicant to Publish Notice of Intent to Issue	March 7, 2016
Final Agency Action	March 29, 2016

14. DEPARTMENT CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Dennise Judy
FDEP Central District
3319 Maguire Blvd
Suite 232
Orlando, FL 32803-3767

Telephone No.: 407-897-4154

Email address: Dennise.judy@dep.state.fl.us



St. Johns River Water Management District

Kirby B. Green III, Executive Director • David W. Fisk, Assistant Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500
On the Internet at www.sjrwmd.com.

August 8, 2006

Sanlando Utilities Corporation
200 Weathersfield Ave
Altamonte Springs, FL 32714-4027

RECEIVED
AUG 17 2006
UTILITIES, INC.

SUBJECT: Consumptive Use Permit Number 160
Sanlando Utilities Corp

Dear Sir/Madam:

Enclosed is your permit as authorized by the St. Johns River Water Management District on August 08, 2006.

Please be advised that the period of time within which a third party may request an administrative hearing on this permit may not have expired by the date of issuance. A potential petitioner has twenty-six (26) days from the date on which the actual notice is deposited in the mail, or twenty-one (21) days from publication of this notice when actual notice is not provided, within which to file a petition for an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes. Receipt of such a petition by the District may result in this permit becoming null and void.

Permit issuance does not relieve you from the responsibility of obtaining permits from any federal, state and/or local agencies asserting concurrent jurisdiction over this work.

The enclosed permit is a legal document and should be kept with your other important records. Please read the permit and conditions carefully since the referenced conditions may require submittal of additional information. All information submitted as compliance with permit conditions must be submitted to the nearest District Service Center and should include the above referenced permit number.

Sincerely,

Gloria Lewis, Director
Permit Data Services Division

Enclosures: Permit, Conditions for Issuance, Compliance Forms, Map, Well Tags

cc: District Permit File

Agent: CPH Engineers Inc
101 N Woodland Blvd Ste 100
Deland, FL 32720

GOVERNING BOARD

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Ann T. Moore
BUNNELL

Susan N. Hughes
PONTE VEDRA

PERMIT NO. 160

DATE ISSUED: August 8, 2006

PROJECT NAME: Sanlando Utilities Corp

A PERMIT AUTHORIZING:

AUTHORIZATION:

The District authorizes, as limited by the attached permit conditions, the use of 3685.77 million gallons per year (mgy) (10.098 million gallons per day (mgd) average) of groundwater from the Floridian aquifer to supply an estimated population of 36,722 in 2024 with water for household, commercial/industrial, and water utility type uses.

LOCATION:

Site: Sanlando Utilities Corp
Seminole County

Section(s):	35, 36	Township(s):	20S	Range(s):	29E
	1, 2, 5, 35, 36		21S		29E

ISSUED TO:

Sanlando Utilities Corporation
200 Weathersfield Ave
Altamonte Springs, FL 32714-4027

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all maps and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights of privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

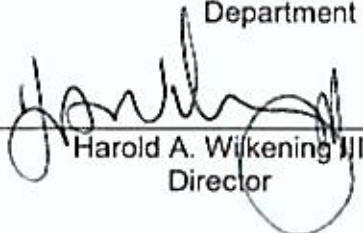
This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes and 40C-1, Florida Administrative Code.

PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated August 8, 2006

AUTHORIZED BY: St. Johns River Water Management District
Department of Resource Management

By:


Harold A. Wilkening III
Director

By:


Kirby B. Green, III
Executive Director

"EXHIBIT A"
CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 160
SANLANDO UTILITIES CORPORATION
DATED AUGUST 8, 2006

1. District Authorized staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this permit.
2. Nothing in this permit should be construed to limit the authority of the St. Johns River Water Management District to declare a water shortage and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate a plan for implementation during periods of water shortage, pursuant to Section 373.246, Florida Statutes. In the event a water shortage, is declared by the District Governing Board, the permittee must adhere to the water shortage restriction as specified by the District, even though the specified water shortage restrictions may be inconsistent with the terms and conditions of this permit.
3. Prior to the construction, modification, or abandonment of a well, the permittee must obtain a Water Well Construction Permit from the St. Johns River Water Management District, or the appropriate local government pursuant to Chapter 40C-3, Florida Administrative Code. Construction, modification, or abandonment of a well will require modification of the consumptive use permit when such construction, modification or abandonment is other than that specified and described on the consumptive use permit application form.
4. Leaking or inoperative well casings, valves, or controls must be repaired or replaced as required to eliminate the leak or make the system fully operational.
5. Legal uses of water existing at the time of the permit application may not be interfered with by the consumptive use. If unanticipated interference occurs, the District may revoke the permit in whole or in part to curtail or abate the interference unless the permittee mitigates for the interference. In those cases where other permit holders are identified by the District as also contributing to the interference, the permittee may choose to mitigate in a cooperative effort with these other permittees. The permittee must submit a mitigation plan to the District for approval prior to implementing such mitigation.
6. Off-site land uses existing at the time of permit application may not be significantly adversely impacted as a result of the consumptive use. If unanticipated significant adverse impacts occur, the District shall revoke the permit in whole or in part to curtail or abate the adverse impacts, unless the impacts can be mitigated by the permittee.
7. The District must be notified, in writing, within 30 days of any sale, conveyance, or other transfer of a well or facility from which the permitted consumptive use is made or within 30 days of any transfer of ownership or control of the real property at which the permitted consumptive use is located. All transfers of ownership or transfers of permits are subject to the provisions of section 40C-1.612, Florida Administrative Code.
8. A District-issued identification tag shall be prominently displayed at each withdrawal site by permanently affixing such tag to the pump, headgate, valve or other withdrawal facility as provided by Section 40C-2.401, Florida Administrative Code. Permittee shall notify the District in the event that a replacement tag is needed.
9. If the permittee does not serve a new projected demand located within the service area upon which the annual allocation was calculated, the annual allocation will be subject to modification.

10. Landscape irrigation is prohibited between the hours of 10:00 a.m. and 4:00 p.m., except as follows:
 - (a) Irrigation using a micro-irrigation system is allowed anytime.
 - (b) The use of reclaimed water for irrigation is allowed anytime, provided appropriate signs are placed on the property to inform the general public and District enforcement personnel of such use. Such signs must be in accordance with local restrictions.
 - (c) Irrigation of, or in preparation for planting, new landscape is allowed any time of day for one 30 day period provided irrigation is limited to the amount necessary for plant establishment.
 - (d) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides when required by law, the manufacturer, or best management practices is allowed anytime within 24 hours of application.
 - (e) Irrigation systems may be operated anytime for maintenance and repair purposes not to exceed ten minutes per hour per zone.
11. Facilities using reclaimed water may do so anytime provided appropriate signs are placed on the property to inform the general public and District enforcement personnel of such use. Such signs must be in accordance with local restrictions.
12. Prior to beginning usage all withdrawal points must be equipped with totalizing flow meters. Such meters must maintain a 95% accuracy, be verifiable and be installed according to the manufacturer's specifications.
13. The permittee must maintain the required flow meter(s). In case of failure or breakdown of any meter, the District must be notified in writing within 5 days of its discovery. A defective meter must be repaired or replaced within 30 days of its discovery.
14. All submittals made to demonstrate compliance with this permit must have the CUP number 160 clearly labeled on the submittal.
15. This permit will expire on 20 years from date of issuance.
16. If the Permittee has complied with all the requirements of the conditions set forth in the permit, the maximum annual ground water withdrawals from the Floridan aquifer system for household, commercial/industrial, landscape irrigation, water utility, and unaccounted loss, must not exceed:

3556.92 million gallons (9.745 million gallons per day average) in 2006,
3587.58 million gallons (9.829 million gallons per day average) in 2007,
3618.25 million gallons (9.913 million gallons per day average) in 2008,
3648.91 million gallons (9.997 million gallons per day average) in 2009,
3658.05 million gallons (10.022 million gallons per day average) in 2010,
3667.15 million gallons (10.047 million gallons per day average) in 2011,
3676.65 million gallons (10.073 million gallons per day average) in 2012,
3685.77 million gallons (10.098 million gallons per day average) in 2013
through 2026.

If the Permittee has not complied with all the conditions of this permit, the maximum annual groundwater withdrawals for household, commercial/industrial, landscape irrigation, water utility, and unaccounted loss, must not exceed the allocation for the year during which the violation first took place until the Permittee is in compliance with all the conditions of this

permit.

17. The permittee must maintain all flow meters. In case of failure or breakdown of any meter, the District must be notified in writing within 5 days of its discovery. A defective meter must be repaired or replaced within 30 days of its discovery.
18. The permittee must have the flowmeters checked for accuracy every 3 years within 30 days of the anniversary date of permit issuance, and recalibrated if the difference between the actual flow and the meter reading is greater than 5%. District Form No. EN-51 must be submitted to the District within 10 days of the inspection/calibration.
19. Total withdrawals from Wells A (District GRS ID 41), B (District GRS ID 42), C (District GRS ID 43), D (District GRS ID 44), E (District GRS ID 46), F (District GRS 47), G (District GRS ID 48), H (District GRS ID 49), I (District GRS 50), J (District GRS ID 51), K (District GRS ID 52) and L (District GRS 45) as listed on the application, must be recorded continuously, totaled monthly, and reported to the District at least every six months from the initiation of the monitoring using Form EN-50. The reporting dates each year will be as follows for the duration of the permit:

Reporting Period	Report Due Date
January – June	July 31
July – December	January 31.

20. The permittee must conduct a detailed water audit every 3 years and submit it to the District by February 15th of the following year. All water uses given in the audit must be for the previous calendar year and documentation provided on how the amounts were metered or determined. If the water audit shows that the system losses and unaccounted for water utility uses exceed 10%, a leak detection and repair program must be implemented.
21. The permittee must continue to implement the Water Conservation Plan submitted to the District on November 11, 2004 and April 8, 2005, in accordance with the schedule contained therein.
22. All available lower quality sources of water including reclaimed water and storm water must be distributed for use, or used by the utility in place of higher quality water sources when deemed feasible pursuant to District rules and applicable state law.
23. The permittee shall implement the reuse of reclaimed water to the maximum extent when technically, economically, and environmentally feasible. The goal shall be to maximize the direct use of all available reclaimed water to meet the irrigation needs of customers within its service area.
24. The permittee shall submit an annual reuse report to the District by February 28th of each year that demonstrate compliance with the requirements of this permit condition during the previous calendar year. The report and supplemental information shall include the following:
 - a) Quantity of reclaimed water flows generated and or distributed by the permittee, quantity of reclaimed water provided to customers or other entities for use in meeting irrigation demands, acreage irrigated with reclaimed water, and quantity of reclaimed water used to recharge the aquifer.
 - b) Description of the activities that have occurred during the previous year to maximize the implementation of reclaimed water for irrigation purposes.
 - c) Description of the status of all the permittee's reuse projects.

25. If, in any year, the actual volume of water withdrawn by the permittee equals 95 percent or more of the amount of water allocated for use by this permit, then the permittee shall submit a report to the District that explains why the withdrawal of water by the permittee equals 95 percent or more of the amount allocated for in this permit. The report shall evaluate the effect of the following on the volume of water withdrawn by the permittee:
- a.) Climatic shortfalls (drought);
 - b.) Greater than anticipated growth in the permittee's current or future service area;
 - c.) Unanticipated expansion of permittee's service area;
 - d.) Inefficient usage within the service area
 - e.) Other factors that account for the withdrawal volume equaling 95 percent or more of the allocation.

The report must include a breakdown of the population currently being served by the permittee, an updated projection of anticipated population that will be served for the following year, an evaluation as to whether the permittee anticipates whether it will be able to meet the water needs of the revised projected population without violating the allocations set forth in this permit, and a corrective action plan setting actions that the permittee intends to take if the evaluation indicates that allocations will be exceeded during the following year. The report must be submitted to the District by February 15th of the year following the year wherein the permittee experienced withdrawals of water that equals 95 percent or more of the amount of water allocated for use by this permit.

26. If unanticipated interference to an existing legal use has resulted due to the proposed withdrawal of water, the District may revoke the permit in part or in whole to curtail or abate the interference unless the interference can be mitigated by the permittee. Mitigation may include installation of a new pump or motor, providing new electrical wiring, connection with the existing water supply system or other appropriate measures.
27. The permittee must develop and obtain District approval of, a water conserving rate structure within two years of permit issuance and submit the rate structure for adoption at their next ensuing regularly scheduled meeting with the Public Service Commission (PSC).
28. The permittee must conduct hydrologic and photo monitoring at each of the four (4) wetland areas listed below, as selected in the Wetland Impact Analysis Report received on May 30, 2006.
- a. CPH #8, Unnamed Lake (Sec. 35 T. 20 S., R. 29 E.);
 - b. CPH #11, Unnamed Marsh, off Rangeline Rd., (Sec. 36, T. 20 S., R. 29 E.);
 - c. CPH #22, Unnamed Lake (Sec. 24, T. 20 S., R. 29 E.); and
 - d. CPH # 70, Lake Gem (Sec. 32 T. 20 S., R. 30 E.).

The permittee must install staff gauges and/or shallow wells (hereafter referred to as monitoring devices) in each of the above-listed wetland sites. The monitoring devices and specific locations must be approved in writing by the District. The monitoring wells must be installed by a licensed water well contractor (as required in 373.336 (1)(b), F.S.), and all monitoring devices shall be surveyed to NGVD (1929) to an accuracy of +/- 0.01 foot. The permittee must submit station location and descriptor data electronically as spreadsheets in a District approved format. Station descriptor information must include: latitude/longitude, brief text site description, date of installation, type of instrument, installation entity, maintenance entity, and access instructions.

If another agency or utility is monitoring the same water body, then the same monitoring

equipment/data can, upon written approval by SJRWMD, be used with the owner's consent. Data collection at all four (4) sites must be at midday. Water level monitoring must be initiated by February 8, 2007.

At each wetland monitoring site, an elevation profile along a transect 150 feet in length must be surveyed such that 50 feet of the adjacent upland is included. If the adjacent upland consists of placed fill, then the transect may be limited to 120 feet in length, such that 20 feet of the adjacent upland is included. The location of the transect must be reviewed and approved by the District prior to survey. Soil elevations must be recorded to an accuracy of +/- 0.1 foot at 5-foot intervals and wherever there is a change in plant community. Other environmental features such as current water level, cypress buttress inflection points, lower extent of lichen lines or upper extent of moss collars, watermarks, and the lower edge of the saw palmetto (*Serenoa repens*) fringe must be surveyed, if present. A diagram of the elevations, plant communities, and hydric soils located along the transect must be made. Plant communities must be described, including a listing of all vascular plant species, by plant community, present within 10 feet of one side of the transect line, their relative abundance, and the diameter at breast height (d.b.h.) of any woody plants greater than 1" d.b.h. A description of soil color, texture, and hydric soil indicators must be made in the top 24 inches of soil at 25 foot intervals along the transect described above for a total of 7 stations. If the soil survey depicts the soils as open water, then the soil description will occur out to a water depth of 3 feet, and depth to sediment surface, and depth of organic substrate will be recorded for the remaining intervals. The data collection described in this paragraph is a one-time event. Well completion reports for the piezometers will also be included in this report. The vegetation and soil survey must be submitted on February 8, 2007.

Permanent photo stations must be monumented and panoramic photographs must be taken in September for each of the wetland monitoring sites, starting in 2007 and annually thereafter. These stations must be reviewed and approved by the District prior to monumentation.

Weekly rainfall data must be obtained for each monitored location from the nearest existing rain gauge approved by the District. The same rainfall station may be used for more than one monitoring site.

The following information must be recorded by the permittee for each monitoring site: water level (weekly without data loggers or daily with data loggers), rainfall (weekly), and pumping volume (weekly by well). Monitoring data must be submitted electronically as spreadsheets every six months in a District approved computer accessible format. Permittee must contact the District for specific details on how to submit the computer accessible information. This data must also be submitted as a legible paper copy (two copies) along with the EN-50 forms for the project. On January 31st, the permittee must submit an annual report summarizing the monitoring efforts. The report must include the panoramic photographs, and graphs summarizing the rainfall and monitoring data.

29. If the permittee is unable to obtain or maintain legal access to any of the monitoring sites referenced above, the permittee must notify SJRWMD in writing within 15 days of concluding that access to any specific site is not possible. In that case, the permittee must identify alternative sites where legal access can be obtained and submit within 45 days a written request to SJRWMD to modify the monitoring network. Within six months of SJRWMD approval of the monitoring network modification, the permittee must implement the approved change(s).
30. Wetlands, lakes, and spring flows may not be adversely impacted as a result of the consumptive use authorized by this permit. If unanticipated significant adverse impacts occur, the SJRWMD shall revoke the permit in whole or in part to curtail or abate the

adverse impacts, unless the impacts can be mitigated by the permittee.

31. Within 18 months of the date of issuance of this permit, permittee shall identify viable, potential water supply partners including those that could provide water supplies or partner with the permittee in the development of water supplies. In addition, permittee shall identify potential water supply projects that could be implemented with these partners to secure the quantities of water necessary to meet permittee's projected demands through 2025 without unacceptable impacts to water resources and related natural systems. Permittee shall contact these potential partners to determine the viability of developing partnership agreements with them for the identified potential water supply projects. The permittee shall also continue to engage in conversations with Seminole County in regard to the development of ordinances relating to specific conservation measures (e.g. landscape and irrigation system design restrictions). The permittee shall consistently meet with the County, the District and other parties with a vested interest in this type of ordinance development (e.g. other private Utilities, developers, irrigation and landscape design professionals). A written description of the potential partners and projects along with a description of the contacts between permittee and the potential partners and the County and the viability of the development of partnership agreements shall be submitted to the District also within 18 months of the date of issuance of this permit. The report shall be submitted electronically via email to the District at compliancesupport@sjrwmd.com. The report submitted must contain the permit number and condition number in the subject line.
32. The permittee shall submit, to the District, a compliance report pursuant to subsection 373.236(3), F.S., every five (5) years during the term of the permit. The permittee shall submit the report by January 31 of the required year. The report shall contain sufficient information to demonstrate that the permittee's use of water will continue, for the remaining duration of the permit, to meet the conditions for permit issuance set forth in the District rules that existed at the time the permit was issued for 20 years by the District. At a minimum, the compliance report must:
 - a. Information documenting that allocations from all sources in the permit will continue to be needed for the remainder of the permit duration;
 - b. Documentation verifying that the sources are capable of supplying the needs authorized by this permit without causing harm to water and water-related resources;
 - c. Documentation verifying that use of water is efficient and that the permittee is implementing all feasible water conservation measures;
 - d. An updated groundwater analysis demonstrating that the use of groundwater for public supply does not interfere with legal uses existing at the time of permit issuance, and does not cause unacceptable adverse impacts to wetlands and surface waters;
 - e. Documentation that groundwater withdrawals by the permittee are not causing or contributing to significant salt water intrusion; and
 - f. Information demonstrating that the lowest quality source of water, including reclaimed water, is being used to meet water demands unless the permittee demonstrates that such use is not feasible pursuant to District rules.

FLOW METER WATER CALIBRATION RECORD - EN51
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: **A**

Pump Capacity: **590 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: **B**

Pump Capacity: **2700 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006**

Station Name: **C**

Pump Capacity: **1600 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

Consumptive Use Permit Number: 160

Permittee Name: Sanlando Utilities Corporation

Date of Permit Issuance: August 8, 2006 Station Name: D

Pump Capacity: 1800 GPM

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: **E**

Pump Capacity: **350 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

Consumptive Use Permit Number: 160

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: F

Pump Capacity: **1000 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006**

Station Name: **G**

Pump Capacity: **1250 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: 160

Permittee Name: Sanlando Utilities Corporation

Date of Permit Issuance: August 8, 2006 Station Name: H

Pump Capacity: 1250 GPM

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

Consumptive Use Permit Number: 160

Permittee Name: Sanlando Utilities Corporation

Date of Permit Issuance: August 8, 2006 Station Name: I

Pump Capacity: 1500 GPM

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: 160

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: **J**

Pump Capacity: **3500 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: **K**

Pump Capacity: **2000 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

Company Name: _____

Address: _____

City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records

FLOW METER WATER CALIBRATION RECORD - EN51

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429

Palatka, Florida 32178-1429

Consumptive Use Permit Number: **160**

Permittee Name: **Sanlando Utilities Corporation**

Date of Permit Issuance: **August 8, 2006** Station Name: **L**

Pump Capacity: **0 GPM**

Serial Number on Meter: _____

Meter Model: _____

Discharge Pipe Diameter: _____

Date of Last Meter Calibration: ____/____/____

Date of This Calibration: ____/____/____

Name of Person Performing Calibration: _____

Method or Equipment Used for Calibration: _____

Initial Meter Reading at Start of Calibration: _____

Final Meter Reading at End of Calibration: _____

Readings on Equipment Used for Calibration:

Start: _____ End: _____

(Attach Formulas Used to Make Calculations)

Percent of Error Between Meter Reading and Calibration Equipment: _____%

Name of Person Completing Form (Please Print): _____

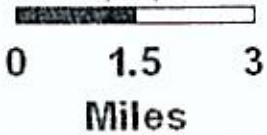
Company Name: _____

Address: _____

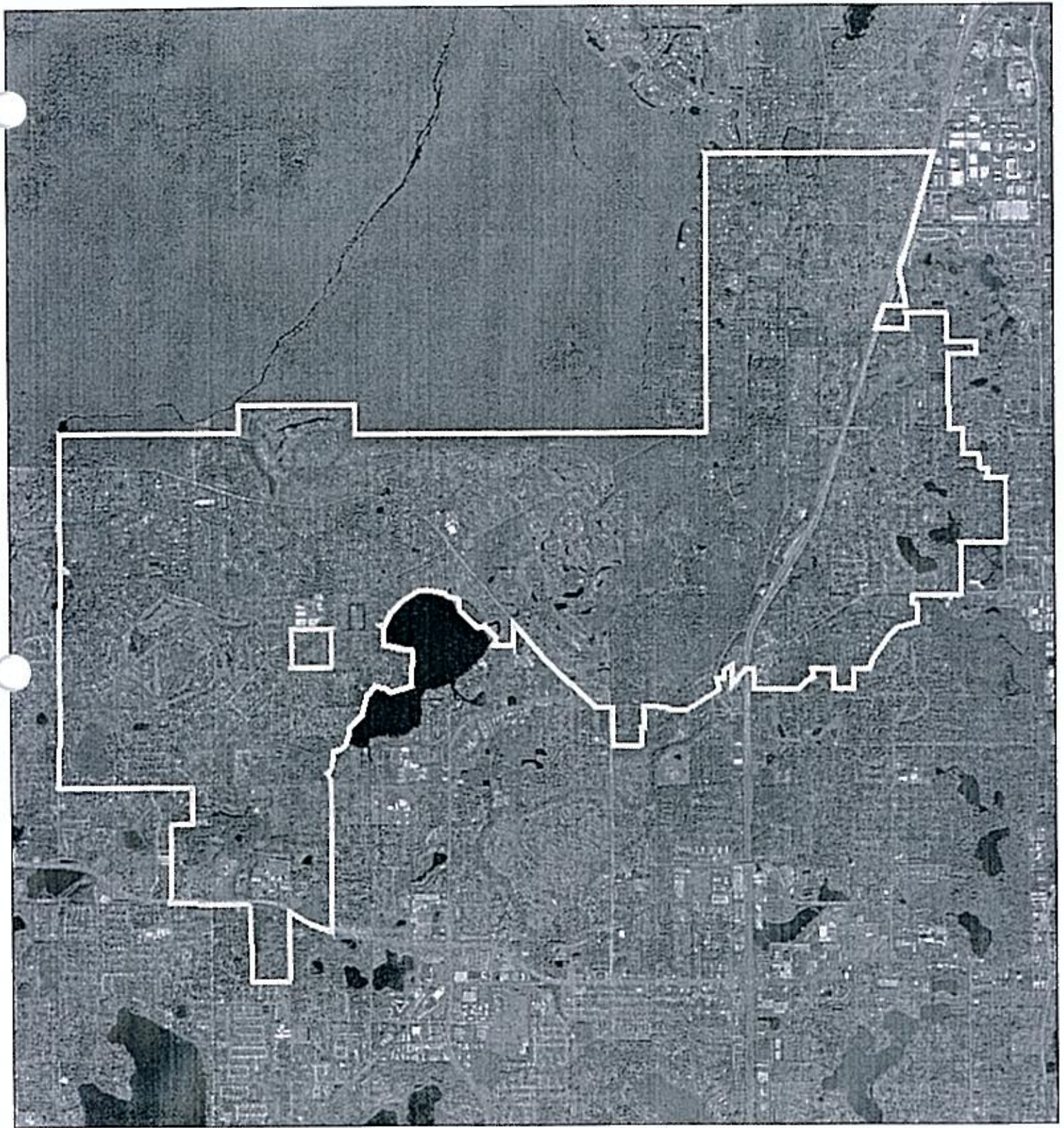
City/State/Zip: _____

Daytime Telephone: (____) _____ - _____

Please Retain a Copy for Your Records



Sanlando Utilities Corporation
2-117-160-4
Location Map



N



0 0.5 1

Miles

Sanlando Utilities Corporation
2-117-160-4
2004 Digital Ortho Quadrangle

Map Created: July 2006

EXHIBIT "D"

Tariffs

UTILITIES, INC. OF FLORIDA
WATER TARIFF

FIRST REVISED SHEET NO. 4.0
CANCELS ORIGINAL SHEET NO. 4.0

FLORIDA PUBLIC SERVICE COMMISSION

authorizes

Utilities, Inc. of Florida
pursuant to
Certificate Number 278-W
(Page 2)

to provide water service in Seminole County in accordance with the provisions of Chapter 367, Florida Statutes, and the Rules, Regulations, and Orders of this Commission in the territory described by the Orders of this Commission. This authorization shall remain in force and effect until superseded, suspended, cancelled or revoked by Order of this Commission.

<u>Order Number</u>	<u>Date Issued</u>	<u>Docket Number</u>	<u>Filing Type</u>
PSC-99-2372-FOF-WS	12/06/1999	991288-WS	Partial Transfer to Government
PSC-01-2316-FOF-WS	11/27/2001	010887-WS	Transfer of Majority Control
PSC-04-0078-FOF-WU	01/26/2004	030958-WU	Amendment
PSC-04-0532-AS-WS	05/25/2004	030667-WS	Territory Amendment and Deletion
PSC-04-0782-FOF-WS	08/10/2004	030667-WS	Reconsideration and Clarification
PSC-06-0094-FOF-WS	02/09/2006	050499-WS	Transfer of Majority Control
PSC-06-0752-FOF-WS	09/05/2006	040384-WS	Amendment
PSC-07-0905-FOF-WS	11/08/2007	070325-WU	Quick-Take Amendment
PSC-07-0905-FOF-WS	11/08/2007	070360-WS	Amendment
PSC-09-0093-FOF-WU	02/13/2009	080644-WU	Amendment
PSC-11-0408-FOF-WU	09/23/2011	110142-WU	Quick-Take Amendment
PSC-12-0497-FOF-WS	09/27/2012	120084-WS	Transfer of Majority Org. Control
PSC-16-0107-PAA-WU	03/15/2016	150230-WU	Amendment
PSC-16-0143-FOF-WS	04/12/2016	150235-WS	Reorganization/Name Change
PSC-		2019____-ws	Quick Take Amendment

JOHN P. HOY
ISSUING OFFICER

PRESIDENT
TITLE

UTILITIES, INC. OF FLORIDA
WASTEWATER TARIFF

FIRST REVISED SHEET NO. 3.9
CANCELS ORIGINAL SHEET NO. 3.9

FLORIDA PUBLIC SERVICE COMMISSION

authorizes

Utilities, Inc. of Florida
pursuant to
Certificate Number 225-S

to provide wastewater service in Seminole County in accordance with the provisions of Chapter 367, Florida Statutes, and the Rules, Regulations, and Orders of this Commission in the territory described by the Orders of this Commission. This authorization shall remain in force and effect until superseded, suspended, cancelled or revoked by Order of this Commission.

<u>Order Number</u>	<u>Date Issued</u>	<u>Docket Number</u>	<u>Filing Type</u>
7128	02/26/1976	750737-WS	Original Certificate
7562	12/27/1976	760421-WS	Original Certificate
7715	03/28/1977	760144-S	Grandfather Certificate
9843	03/03/1981	780813-WS	Territory Deletion
9846	03/03/1981	800643-WS	Amendment
10061	06/12/1981	810169-S	Amendment
10084	06/19/1981	810179-WS	Amendment
10326	10/07/1981	810362-WS	Amendment
10643	03/04/1982	810389-WS	Amendment and Regional Connection
12567	09/30/1983	830237-WS	Amendment
14180	03/14/1985	840436-WS	Amendment
15331	11/04/1985	850551-WS	Amendment
15750	02/26/1986	860066-WS	Amendment
PSC-96-0448-FOF-SU	03/29/1996	950959-SU	Transfer of Certificate
PSC-99-0152-FOF-WS	01/25/1999	980957-WS	Transfer of Majority Control
PSC-99-2372-FOF-WS	12/06/1999	991288-WS	Partial Transfer to Government
PSC-01-2316-FOF-WS	11/27/2001	010887-WS	Transfer of Majority Org. Control
PSC-03-1103-FOF-SU	10/06/2003	030485-WS	Amendment
PSC-04-0532-AS-WS	05/25/2004	030667-WS	Territory Deletion
PSC-04-0782-FOF-WS	08/10/2004	030667-WS	Reconsideration and Clarification
PSC-06-0094-FOF-WS	02/09/2006	050499-WS	Transfer of Majority Org. Control
PSC-06-0752-FOF-WS	09/05/2006	040384-WS	Amendment
PSC-07-0905-FOF-WS	11/08/2007	070360-WS	Amendment
PSC-11-0100-FOF-SU	02/02/2011	100423-SU	Amendment/Territory Deletion
PSC-11-0100A-FOF-SU	02/04/2011	100423-SU	Correction
PSC-12-0497-FOF-WS	09/27/2012	120084-WS	Transfer of Majority Org. Control
PSC-16-0143-FOF-WS	04/12/2016	150235-WS	Reorganization/Name Change
PSC-		2019____-WS	Quick Take Amendment

JOHN P. HOY
ISSUING OFFICER

PRESIDENT
TITLE

EXHIBIT "E"
Affidavit of Tariff & Annual Reports

AFFIDAVIT OF TARIFF AND ANNUAL REPORT

STATE OF FLORIDA

COUNTY OF VOLUSIA

Before me, the undersigned authority, authorized to administer oaths and take acknowledgments, personally appeared Martin S. Friedman, who, after being duly sworn on oath, did depose on oath and say that he is the attorney for Utilities, Inc. of Florida ("Utility"), and that the Utility has a Tariff on file with the Florida Public Service Commission, and that on October 18, 2019 he did verify on the Florida Public Service Commission website that the Utility has a 2018 Annual Report on file.

FURTHER AFFIANT SAYETH NAUGHT.



Martin S. Friedman

Sworn to and subscribed before me this 19 day of October 2019, by Martin S. Friedman, who provided a Florida driver's license as identification



Print Name:
NOTARY PUBLIC
My Commission Expires: 8-11-22



SANDRA K PHELPS
Commission # GG 236789
Expires August 11, 2022
Bonded Thru Budget Notary Services

EXHIBIT "F"

No objection letter from Seminole County



September 19, 2019

Chad Moorhead
Madden, Moorhead and Stokes

RE: 2661 Sand Lake Rd

Dear Mr. Moorhead:

Per your request, please be advised that Seminole County Environmental Services is the water and sewer service provider for the parcel addressed 2661 Sand Lake Road, and shown in the attached map. However, Seminole County does not have lines to provide water or wastewater service to this parcel. After speaking with the Deputy County Manager, it has been confirmed that Seminole County will relinquish rights to serve this parcel with water and wastewater, as well as the parcels immediately to the west of 2661 Sand Lake Road, and make no objection to Utilities, Inc. serving these parcels.

Should you require any additional information, or have any additional questions, do not hesitate to contact me at (407) 665-2012.

Sincerely,

Terrence McCue, PhD PE
Director, Environmental Services

2661 Sand Lake Rd

Created by Seminole County Utilities Engineering Division
Phone: 407-665-2119
Date: 7/24/2019

Legend

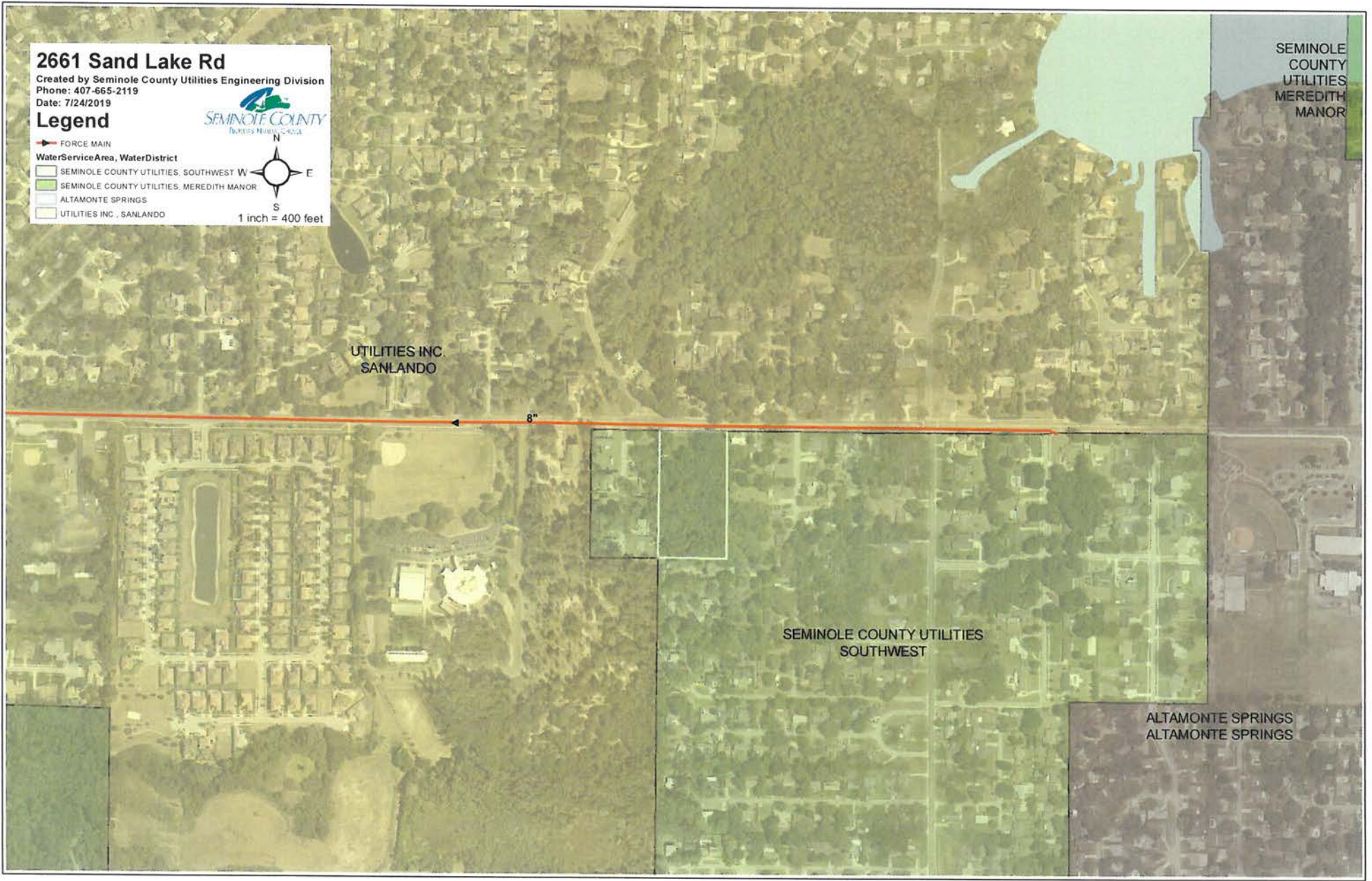
— FORCE MAIN

WaterServiceArea, WaterDistrict

- SEMINOLE COUNTY UTILITIES, SOUTHWEST W
- SEMINOLE COUNTY UTILITIES, MEREDITH MANOR
- ALTAMONTE SPRINGS
- UTILITIES INC., SANLANDO



1 inch = 400 feet



UTILITIES INC.
SANLANDO

8"

SEMINOLE COUNTY UTILITIES
SOUTHWEST

ALTAMONTE SPRINGS
ALTAMONTE SPRINGS

SEMINOLE
COUNTY
UTILITIES
MEREDITH
MANOR

EXHIBIT “G”

Proof of Noticing

(To be Late Filed)

DRAFT NOTICE ATTACHED

**NOTICE OF APPLICATION FOR QUICK TAKE AMENDMENT
OF WATER AND WASTEWATER CERTIFICATES**

Docket No. 2019____-WS - Application for quick take of amendment of water and wastewater certificates to provide water and wastewater service in Seminole County by Utilities, Inc. of Florida

Notice is hereby given on the ____ day of November, 2019, pursuant to Section 367.045, Florida Statutes, and Section 25-30.036, Florida Administrative Code, of the Application for quick take amendment of Water and Wastewater Certificates in Seminole County by Utilities, Inc. of Florida, 200 Weathersfield Ave., Altamonte Springs, Florida 32714 to provide water and wastewater service in Section 8, Township 21 South, Range 29 East, generally consisting of the 2661 Sand Lake Road, Longwood, FL 32779 This legal description has been simplified and to obtain a copy of the exact legal description please contact Martin Friedman at 407-310-2077 or mfriedman@deanmead.com.

Any objections to the Application must be made in writing and filed with the Commission Clerk, Office of Commission Clerk, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, no later than 30 days from the date of this Notice, with a copy to Martin S. Friedman, Esquire, Dean Mead, 420 S. Orange Ave., Suite 700, Orlando, Florida 32801. The objection must state the grounds for the objection with particularity.

Utilities, Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
Phone: (866) 842-8432