

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Application for Transfer of Assets  
of Exempt Utility and for Amendment of  
Certificate 465-S in Lake County by  
Utilities, Inc. of Florida

---

Docket No. 2017\_\_\_\_-SU

**NOTICE OF FILING**

Applicant, UTILITIES, INC. OF FLORIDA, by and through its undersigned attorneys,  
hereby gives notice of filing in the above-referenced docket of Exhibits "G" through "K" to the  
Application, which were inadvertently omitted from the original filing.

Respectfully submitted this 10<sup>th</sup> day of  
August, 2017, by:

FRIEDMAN & FRIEDMAN, P.A.  
766 N. Sun Drive, Suite 4030  
Lake Mary, FL 32746  
Telephone: (407) 830-6331  
Fax: (407) 878-2178  
[mfriedman@ff-attorneys.com](mailto:mfriedman@ff-attorneys.com)

*/s/ Martin S. Friedman*

---

MARTIN S. FRIEDMAN  
For the Firm



# 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:**

Barrington Estates Property Holding HOA

**RESPONSIBLE OFFICIAL:**

Robert Breakiron, Board Member  
9716 Pine Island Rd  
Clermont, Florida 34711  
(352) 535-0099

**PERMIT NUMBER:** FLA416207

**FILE NUMBER:** FLA416207-004-DW3P

**EFFECTIVE DATE:** June 8, 2016

**EXPIRATION DATE:** June 7, 2026

**FACILITY:**

Barrington Estates WWTF  
9716 Pine Island Rd  
Clermont, FL 34711-9187  
Lake County  
Latitude: 28°29' 34.79" N Longitude: 81°47' 43.83" 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.). 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 0.049 million gallon per day (mgd) annual average daily flow (AADF) extended aeration domestic wastewater treatment facility consisting of influent screening, flow equalization, denitrification (anoxic tank), aeration, secondary clarification, chlorination, and aerobic digestion of biosolids.

**REUSE OR DISPOSAL:**

**Land Application R-001:** An existing 0.049 MGD AADF permitted capacity rapid infiltration basin system. R-001 is a reuse system which consists of two rapid infiltration basins with a total wetted area of 2.35 acres located approximately at latitude 28°29' 35" N, longitude 81°47' 47" 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 17 of this permit.

*www.dep.state.fl.us*

**EXHIBIT "G"**

PERMITTEE: Barrington Estates Property Holding HOA  
 FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
 EXPIRATION DATE: September 14, 2026

**I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

**A. Reuse and Land Application Systems**

1. 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.B.3.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	
Flow (Flow to R-001)	MGD	Max	0.049 Report	Annual Average Monthly Average	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	FLW-1	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-1	
Solids, Total Suspended	mg/L	Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-1	
Coliform, Fecal	#/100mL	Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Monthly	Grab	EFA-1	See I.A.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Grab	EFA-1	See I.A.5
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Monthly	Grab	EFA-1	See I.A.7
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.8
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.8

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

2. Reclaimed water 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-1	Elapsed time meter on effluent pump station
EFA-1	Effluent from chlorine contact chamber

3. An elapsed time meter 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)]
6. Provide a permanent on-site generator to meet class III reliability requirements when monthly average daily flow to the facility reaches 25,000 gpd. Until then, a generator on an "as needed" basis will be provided via contract. [MCD-05, EPA-430-99-74-001]
7. Nitrate nitrogen (NO<sub>3</sub>) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L or as required to comply with Rule 62-610.510, F.A.C. [62-610.510]
8. Monitoring for total nitrogen (TN) and total phosphorus (TP) are required as allowed by Rule 62-600.650(3), FAC, to evaluate impacts of reclaimed water to ground and surface waters in an impaired water basin. [62-600.650(3)]

PERMITTEE: Barrington Estates Property Holding HOA  
 FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
 EXPIRATION DATE: September 14, 2026

**B. 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.B.3.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Flow thru plant)	MGD	Max Max Max	0.049 Report Report	Annual Average Monthly Average Quarterly Average	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	FLW-1	See I.B.Error! Reference source not found.
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	Annually	Grab	INF-1	See I.B.Error! Reference source not found.
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Annually	Grab	INF-1	See I.B.Error! Reference source not found.

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

2. 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-1	Elapsed time meter on effluent pump station
CAL-1	Calculate from daily flows
INF-1	Influent sampling point

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. [62-600.660(4)(a)]
4. An elapsed time meter shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
5. 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 62-600, 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]

6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-600.650(2)]
7. **Monitoring requirements under this permit are effective on August 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.

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Monthly	first day of month - last day of month	28 <sup>th</sup> 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's Central District Office at the address specified in Permit Condition I.B.0. by the twenty-eighth (28<sup>th</sup>) of the month following the month of operation.

When submitting electronic DMR forms (preferred), the permittee shall use the Department's electronic DMR system (EzDMR) and shall electronically submit the completed DMR forms to the Department by the twenty-eighth (28<sup>th</sup>) 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. The EzDMR system shall be used in accordance with Condition VI. 1. of this permit, unless alternative arrangements are approved by the Central District's Wastewater Permitting Section. Register for the new system by visiting the DEP Business Portal at <http://www.fldepportal.com/go/>. For more information, contact at [EzDMRAdmin@dep.state.fl.us](mailto:EzDMRAdmin@dep.state.fl.us). [62-620.610(18)][62-600.680(1)]

8. 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:

**Electronic submittal is preferred, by sending to [DEP\\_CD@dep.state.fl.us](mailto:DEP_CD@dep.state.fl.us).**

**If submitted electronically:** Documents requiring signing and sealing must signed, sealed, and electronically certified, as required by FBPE for electronic submittals. The procedures are located on the DEP website at:

<http://www.dep.state.fl.us/water/wastewater/forms/ElectronicSubmissionInstructionsDOM.pdf>  
<http://www.dep.state.fl.us/water/wastewater/docs/InstructionsIndependentDocumentsEngineerLetter.pdf>

Florida Department of Environmental Protection  
Central District Office  
3319 Maguire Blvd  
Suite 232  
Orlando, Florida 32803-3767  
Phone Number - (407)897-4100

[62-620.305]

9. 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

1. Biosolids generated by this facility may be transferred to 412 Biosolids RMF 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)]

PERMITTEE: Barrington Estates Property Holding HOA  
 FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
 EXPIRATION DATE: September 14, 2026

2. 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)]
3. 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.B.3.

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

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

4. 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 (based on volume and estimated %solids)

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]
6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]
8. 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)]
9. 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 subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]
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

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

Biosolids Treatment Facility or Treatment Facility

1. Date and time received
2. Amount of biosolids received
3. Name and ID number of source facility
4. Signature of hauler
5. Signature of responsible party at treatment facility

PERMITTEE: Barrington Estates Property Holding HOA  
 FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
 EXPIRATION DATE: September 14, 2026

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)]

11. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 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-hour 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. 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)]
7. If the concentration for any constituent listed in Permit Condition III.10. 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)]
8. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Condition III.9., 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] [62-610.510]
9. The following monitoring well 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
MWC-1	Compliance monitoring well located at the edge of the zone of discharge.	28°29' 35"	81°47' 44"	12	Surficial	Existing
MWC-2	Compliance monitoring well located at the edge of the zone of discharge.	28°29' 35"	81°47' 44"	35	Surficial	Existing

MWC = Compliance; MWP = Piezometer

[62-520.600] [62-610.510]

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

10. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.9.:

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

*[62-520.600(11)(b)] [62-600.670] [62-600.650(3)] [62-520.310(5)]*

11. 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)] [62-610.510(3)(b)]*
12. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-160.210] [62-600.670(3)]*
13. 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)]*
14. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.B.3. *[62-520.600(11)(b)] [62-600.670] [62.600.680(1)] [62-620.610(18)]*
15. 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)]*

#### IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

##### A. 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 rapid infiltration basins be limited to 0.768 inches per day (as applied to the entire bottom area). *[62-610.523(3)]*
3. The 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)]*

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

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 III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead/chief operator must be a Class C operator, or higher.

2. 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. Submit an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C., five years from the date of issuance of this permit. *[62-600.405(5)]*
2. 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)]*
3. 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;

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

- 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 following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Repair lighting on site, replace corroded grates, replace surge protector on surge tank	11/30/2016
2. Register for and begin using the Departments EzDMR system, per condition I.B.8 of this permit	12/31/2016
3. Submit an updated capacity analysis report, per permit condition V.B.1.	06/07/2021
4. If Groundwater Monitoring Well MWC-2 is dry for two (2) consecutive sampling events, a new deeper monitoring well may need to be installed. Contact the Department if this occurs.	Permit Cycle

[62-620.320(6)]

- 2. 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 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.

[62-620.335(1) - (4)]

## 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(5) and 62-640.400(6)]

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
4. 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)]*

5. 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)]*
6. 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)]*
7. 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)]*
8. 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)]*
9. 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)]*

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

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 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)]

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

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)]*
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.

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

- 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.
  - 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)]*

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

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.
  - 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.

PERMITTEE: Barrington Estates Property Holding HOA  
FACILITY: Barrington Estates

PERMIT NUMBER: FLA416207-004  
EXPIRATION DATE: September 14, 2026

- 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



For: Christianne C. Ferraro, P.E.,  
Administrator  
Permitting and Waste Cleanup Program-Wastewater

PERMIT ISSUANCE DATE: June 8, 2016

Attachment(s):  
Discharge Monitoring Report

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When Completed mail this report to:** Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Barrington Estates Property Holding HOA  
 MAILING ADDRESS: 9716 Pine Island Rd  
 Clermont, Florida 34711-

PERMIT NUMBER: FLA416207-004-DW3P

**Effective Date of DMR** August 1, 2016, 2016  
**Permit Expiration Date** June 6, 2026  
**REPORT FREQUENCY:** Monthly  
**PROGRAM:** Domestic

FACILITY: Barrington Estates WWTF  
 LOCATION: 9716 Pine Island Rd  
 Clermont, FL 34711-9187

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: RIBs , with Influent

COUNTY: Lake  
 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 (Flow to R-001)	Sample Measurement							
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement	0.049 (An. Avg.)	MGD				5 Days/Week	Elapsed Time Measurement on Pump
Flow (Flow to R-001)	Sample Measurement							
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement	Report (Mo. Avg.)	MGD				5 Days/Week	Elapsed Time Measurement on Pump
BOD, Carbonaceous 5 day, 20C	Sample Measurement							
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement							
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)			Monthly	Grab
Solids, Total Suspended	Sample Measurement							
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement							
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)			Monthly	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: Barrington Estates WWTF

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA416207-004-DW3P

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		Monthly	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Monthly	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	Grab
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	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement									
PARM Code 00620 A Mon. Site No. EFA-1	Permit Requirement					12.0 (Max.)	mg/L		Monthly	Grab
Flow (Flow thru plant)	Sample Measurement									
PARM Code 50050 P Mon. Site No. FLW-1	Permit Requirement		0.049 (An.Avg.)	MGD					5 Days/Week	Elapsed Time Measurement on Pump
Flow (Flow thru plant)	Sample Measurement									
PARM Code 50050 Q Mon. Site No. FLW-1	Permit Requirement	Report (Qt.Avg.)	Report (Mo.Avg.)	MGD					5 Days/Week	Elapsed Time Measurement on Pump
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

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When Completed mail this report to:** Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	Barrington Estates Property Holding HOA	PERMIT NUMBER:	FLA416207-004-DW3P	Effective Date of DMR:	August 1, 2016, 2016
MAILING ADDRESS:	9716 Pine Island Rd Clermont, Florida 34711-	LIMIT:	Final	Permit Expiration Date:	June 6, 2026
FACILITY:	Barrington Estates WWTF	CLASS SIZE:	N/A	REPORT FREQUENCY:	Quarterly
LOCATION:	9716 Pine Island Rd Clermont, FL 34711-9187	MONITORING GROUP NUMBER:	R-001	PROGRAM:	Domestic
COUNTY:	Lake	MONITORING GROUP DESCRIPTION:	RIBs		
OFFICE:	Central District	RE-SUBMITTED DMR:	<input type="checkbox"/>		
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>		
		MONITORING PERIOD	From: _____	To: _____	

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total	Sample Measurement							
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	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):

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When Completed mail this report to:** Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Barrington Estates Property Holding HOA	PERMIT NUMBER: FLA416207-004-DW3P	Effective Date of DMR: August 1, 2016, 2016
MAILING ADDRESS: 9716 Pine Island Rd Clermont, Florida 34711-	LIMIT: Final	Permit Expiration Date: June 6, 2026
FACILITY: Barrington Estates WWTF	CLASS SIZE: N/A	REPORT FREQUENCY: Annually
LOCATION: 9716 Pine Island Rd Clermont, FL 34711-9187	MONITORING GROUP NUMBER: R-001	PROGRAM: Domestic
COUNTY: Lake	MONITORING GROUP DESCRIPTION: RIBs , with Influent	
OFFICE: Central District	RE-SUBMITTED DMR: <input type="checkbox"/>	
	NO DISCHARGE FROM SITE: <input type="checkbox"/>	
	MONITORING PERIOD From: _____ To: _____	

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement							
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement			Report (Max.)	mg/L		Annually	Grab
Solids, Total Suspended (Influent)	Sample Measurement							
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement			Report (Max.)	mg/L		Annually	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):

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When Completed mail this report to:** Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Barrington Estates Property Holding HOA  
 MAILING ADDRESS: 9716 Pine Island Rd  
 Clermont, Florida 34711-

PERMIT NUMBER: FLA416207-004-DW3P

FACILITY: Barrington Estates WWTF  
 LOCATION: 9716 Pine Island Rd  
 Clermont, FL 34711-9187

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Lake  
 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:  
Monitoring Period

FLA416207-004-DW3P

From: \_\_\_\_\_ To: \_\_\_\_\_

Facility: Barrington Estates WWTF

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Nitrogen, Nitrate, Total (as N) mg/L	Solids, Total Suspended mg/L	pH s.u.	Flow (Flow thru plant) MGD			
Code	80082	50060	74055	00620	00530	00400	50050			
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-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: Barrington Estates WWTF  
 Permit Number: FLA416207-004  
 County: Lake

Monitoring Well ID: MWC-1\*  
 Well Type: Compliance  
 Description: Compliance monitoring well located at the edge of the zone of discharge.

Report Frequency: Semi-annually  
 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	Semi-Annually; twice per year				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Semi-Annually; twice per year				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Semi-Annually; twice per year				
Chloride (as Cl)	00940		250	mg/L	Grab	Semi-Annually; twice per year				
Coliform, Fecal	74055		4	#/100mL	Grab	Semi-Annually; twice per year				
pH	00400		6.5-8.5	s.u.	Grab	Semi-Annually; twice per year				
Turbidity	00070		Report	NTU	Grab	Semi-Annually; twice per year				
Phosphorus, Total (as P)	00665		Report	mg/L	Grab	Semi-Annually; twice per year				

\* This well is expected to be dry part of the time. When it is dry, that should be noted in the **Sample Measurement** column and the form submitted along with the other semi-annual sampling forms.

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: Barrington Estates WWTF  
 Permit Number: FLA416207-004  
 County: Lake

Monitoring Well ID: MWC-2  
 Well Type: Compliance  
 Description: Compliance monitoring well located at the edge of the zone of discharge.

Report Frequency: Semi-annually  
 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	Semi-Annually; twice per year				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Semi-Annually; twice per year				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Semi-Annually; twice per year				
Chloride (as Cl)	00940		250	mg/L	Grab	Semi-Annually; twice per year				
Coliform, Fecal	74055		4	#/100mL	Grab	Semi-Annually; twice per year				
pH	00400		6.5-8.5	s u.	Grab	Semi-Annually; twice per year				
Turbidity	00070		Report	NTU	Grab	Semi-Annually; twice per year				
Phosphorus, Total (as P)	00665		Report	mg/L	Grab	Semi-Annually; twice per year				

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):

## 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 28<sup>th</sup> 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.

**CBOD<sub>5</sub>:** Enter the average CBOD<sub>5</sub> 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.

**STATEMENT OF BASIS  
FOR  
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FLA416207-004  
FACILITY NAME: Barrington Estates WWTF  
FACILITY LOCATION: 9716 Pine Island Rd, Clermont, FL 34711-9187  
Lake County  
NAME OF PERMITTEE: Barrington Estates Property Holding HOA  
PERMIT WRITER: Randall Cunningham, EIII

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA416207-004-DW3P  
Application Submittal Date: March 18, 2016

b. Type of Facility

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

c. Facility Capacity

Existing Permitted Capacity:	0.049 mgd Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	0 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	0.049 mgd Annual Average Daily Flow

d. Description of Wastewater Treatment

An existing 0.049 million gallon per day (mgd) annual average daily flow (AADF) extended aeration domestic wastewater treatment facility consisting of influent screening, flow equalization, denitrification (anoxic tank), aeration, secondary clarification, chlorination, and aerobic digestion of biosolids.

e. Description of Effluent Disposal and Land Application Sites

An existing 0.049 MGD AADF permitted capacity rapid infiltration basin system which consists of two rapid infiltration basins with a total wetted area of 2.35 acres located approximately at latitude 28°29' 35" N, longitude 81°47' 47" W.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-001, a rapid infiltration basin system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Flow to R-001)	MGD	Max	0.049	Annual Average	62-600.400(3)(b) & 62-610.810(5) FAC
		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
		Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
		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
		Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
		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
		Max	200	Annual Average	62-610.510 & 62-600.440(4)(c)1. FAC
		Max	800	Single Sample	62-600.440(4)(c)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		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	62-600.510(1) FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-600.650(3) FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-600.650(3) FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Flow thru plant)	MGD	Max	0.049	Annual Average	62-600.400(3)(b) FAC
		Max	Report	Monthly Ave	62-600.400(3)(b) FAC
		Max	Report	Quarterly Ave	62-600.400(3)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Ave	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 FLA416207-004-DW3P expires on June 6, 2026.

Monitoring for total nitrogen (TN) and total phosphorus (TP) are required, as allowed by Rule 62-600.650(3), FAC, to evaluate impacts of reclaimed water to ground and surface waters in an impaired water basin. [62-600.650(3)]

Approval of the 10-year permit is based on the following findings:

- a. The facility is not regulated under the National Pollutant Discharge Elimination System (NPDES) program under Section 403.0885, F.S.
- b. The permittee requests that a permit for a term exceeding five years be issued.
- c. The permit application is for permit renewal.
- d. The waters from the treatment facility are not discharged to an injection well which is required to comply with federal standards under the Underground Injection Control Program under Chapter 62-528, F.A.C.
- e. The treatment facility is not operating under a permit with an accompanying administrative order.
- f. The treatment facility does not have any enforcement action pending against it by the Environmental Protection Agency (EPA), the Department, or a delegated local program approved under Section 403.182, F.S.
- g. The treatment facility has operated under an operation permit for five years and, for at least the preceding two years, has "generally operated in conformance with the limits of permitted flows and other conditions specified in the permit."
- h. The Department has reviewed the discharge monitoring reports required under Department rule and is satisfied that the reports are accurate.
- i. The treatment facility has "generally met all water quality standards in the preceding two years, except for violations attributable to events beyond the control of the treatment plant or its operator, such as destruction of equipment by fire, wind, or other abnormal events that could not reasonably be expected to occur."
- j. The Department, or a local program approved under Section 403.182, F.S., has conducted, in the preceding twelve months, an inspection of the facility and has verified in writing to the operator (permittee) of the facility that it is not exceeding the permitted capacity and is in substantial compliance.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to 412 Biosolids RMF 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

- a. Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 600, 610, and 620, F.A.C.
- b. According to Part D of the Groundwater DMRs, Monitoring well MWC-1 and MWC-2 have been "dry" since January 2013. Monitoring well MWC-1 at 12 foot depth was installed to be "dry" part of the time.
- c. The following will be added to the permit under Part VI. Schedules: "If Groundwater Monitoring Well MWC-2 is dry for two (2) consecutive sampling events, a new deeper monitoring well may need to be installed. Contact the Department if this occurs. This condition will be valid through the permit."

- d. A groundwater sample must be obtained from MWC-2. If the well is still dry for two (2) more consecutive sampling events, even after it rains, a plan for installation of a deeper monitoring well or an alternative method to obtain a representative groundwater sample should be proposed.

7. PERMIT SCHEDULES

A schedule is included in the wastewater permit to ensure compliance.

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. 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 13. Copies will be provided at a minimal charge per page.

12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Permit Issuance

June 8, 2016

13. DEPARTMENT CONTACT

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

Randall Cunningham  
Engineer III  
3319 Maguire Blvd Suite 232  
Orlando, FL 32803-3767  
Telephone No.: (407) 897-4100



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**  
CENTRAL DISTRICT  
3319 MAGUIRE BOULEVARD, SUITE 232  
ORLANDO, FLORIDA 32803

RICK SCOTT  
GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

June 06, 2013

Mr. Ken Fulmer, Property Manager  
Titan Properties, Inc.  
2281 Lee Road  
Winter Park, FL 32789  
[titanproperties@cfllr.com](mailto:titanproperties@cfllr.com)

Re: Barrington Estates  
DW FLA416207  
Lake County  
OCD-CAP-13-1743

Dear Mr. Fulmer:

Department personnel conducted a compliance inspection of the above-referenced facility on May 5, 2013. Based on the information provided during and/or following the inspection, the facility was determined to be in compliance with the Department's rules and regulations. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Chris Rossing at 407-897-4172 or via e-mail at [Chris.Rossing@dep.state.fl.us](mailto:Chris.Rossing@dep.state.fl.us).

Sincerely,

A handwritten signature in cursive script that reads "Wanda Parker-Garvin".

Wanda Parker-Garvin, Environmental Manager  
Central District  
Florida Department of Environmental Protection

Enclosures: Inspection Report (with attachments)

cc: Tom Felton, General Utilities Corporation, [generalutilities@aol.com](mailto:generalutilities@aol.com)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**WASTEWATER COMPLIANCE INSPECTION REPORT**  
**FACILITY AND INSPECTION INFORMATION**

@ = Optional

<b>Name and Physical Location of Facility</b> Barrington Estates 9716 Pine Island Road Clermont, FL 34711-9187	<b>WAFR ID:</b> FLA416207	<b>County</b> Lake	<b>Entry Date/Time</b> 5/9/2013 10:24am
		<b>Phone</b>	<b>@ Exit Date/Time</b> 5/9/2013 11:14am
<b>Name(s) of Field Representative(s)</b> Gawaine Murray	<b>Title</b> Operator	<b>Phone</b>	
<b>Name and Address of Permittee or Designated Representative</b> Ken Fulmer Titan Properties, Inc. 2281 Lee Road Winter Park, FL 32789	<b>Title</b> President	<b>Phone</b>	<b>@ Operator Certification #</b>

<b>Inspection Type:</b>	<input type="checkbox"/> C <input type="checkbox"/> E <input type="checkbox"/> I <input type="checkbox"/>	<b>Samples Taken(Y/N):</b>	<input type="checkbox"/>	<b>@ Sample ID#: N/A</b>	<b>Samples Split (Y/N): N</b>
<input checked="" type="checkbox"/> <b>Domestic</b>	<input type="checkbox"/> <b>Industrial</b>	<b>Were Photos Taken(Y/N): N</b>	<input type="checkbox"/>	<b>@ Log book Volume : 1</b>	<b>@ Page 35</b>

**FACILITY COMPLIANCE AREAS EVALUATED**

IC: In Compliance; MC: Minor Out of Compliance; NC: Out of Compliance SC: Significant Non-Compliance;  
 NA: Not Applicable; NE or Blank: Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed When Out of Compliance Ratings Are Given in Areas Marked by a "♦"

PERMITS/ORDERS	SELF MONITORING PROGRAM	FACILITY OPERATIONS	EFFLUENT/DISPOSAL
IC 1. ♦ Permit	NE 3. Laboratory	IC 6. Facility Site Review	IC 9. ♦ Effluent Quality
NA 2. ♦ Compliance Schedules	NE 4. Sampling	IC 7. Flow Measurement	IC 10. ♦ Effluent Disposal
	IC 5. ♦ Records & Reports	IC 8. ♦ Operation & Maintenance	IC 11. Biosolids/Sludge
			NE 12. Groundwater
IC 14. Other:			NE 13. SSO Survey

**Facility and/or Order Compliance Status:**  In-Compliance  Out-Of-Compliance  Significant-Out-Of-Compliance

**Recommended Actions:** Compliance Letter

<b>Name(s) and Signature(s) of Inspector(s)</b> Christopher R. Rossing 	<b>District Office/Phone Number</b> 407-897-4170	<b>Date</b> 5/30/13
<b>@ Signature of Reviewer</b> Wanda Parker-Garvin 	<b>District Office/Phone Number</b> 407-897-2934	<b>Date</b> 6/3/13

### INSPECTION REPORT SUMMARY

**Facility Name:** Barrington Estates WWTF  
**Facility ID:** FLA416207  
**Inspection Type:** Compliance Evaluation Inspection  
**Inspection Date:** 5/9/2013

**FACILITY BACKGROUND:**

**Facility Address:** 9716 Pine Island Road, Clermont, FL 34711-9187  
**Program/ Permit Information:** DW permit issue date: 09/16/2011, expiration date: 09/14/2016  
**Treatment Summary:** Extended Aeration Sewage Treatment Plant W/Reuse to Two Rapid Infiltration Basins  
**Permitted Capacity:** 0.049 mgd

1. **Permit:** RATING – In-Compliance

Observations: A copy of the current permit was on site.

2. **Compliance Schedules:** RATING – Not Applicable

3. **Laboratory:** RATING – Not Evaluated

4. **Sampling:** RATING – Not Evaluated

5. **Records and Reports:** RATING – In-Compliance

A review of the DMR paperwork for March 2012 – February 2013 revealed no deficiencies.

Observation: An operation and maintenance manual was on site.

Observation: An approved logbook was on site and filled out as required. Operator is making the permit required visitations.

Observation: Current operator certifications were on site.

Observation: Current lab certification for Tri-Tech Laboratories was on site and expires 6/30/13.

Additional Comments:

**Please Note: A more efficient and paperless alternative to reporting discharge and groundwater monitoring data is available at <http://www.edmr.dep.state.fl.us>.**"

6. **Facility Site Review:** RATING – In-Compliance

Observations: The facility was fenced and locked with proper signage posted.

Observations: Influent enters through a bar screen into the surge tank. No deficiencies were observed.

Observations: The blowers were working properly, and affixed with a belt guards.

Observations: Aeration appeared even throughout. All returns were working properly.

Observations: Contents of the stilling well were thick but moist.

Observations: Clarifier blanket was at a sufficient level and the water was clean and clear.

Observations: Water in the weirs was clear.

Observations: Chlorine contact chamber was clean and clear.  
Observations: The contents of the digester were liquid, and it had available storage.  
Observations: There is no RPZ at this facility.

7. **Flow Measurement:** RATING – In-Compliance

Observations: The flow meter was last calibrated on 5/8/13.

8. **Operation and Maintenance:** RATING – In-Compliance

Observations: The plant appears to be very well maintained.

9. **Effluent Quality:** RATING – In-Compliance

A review of the DMR paperwork for March 2012 – February 2013 revealed no deficiencies.

10. **Effluent Disposal:** RATING – In-Compliance

Observations: Effluent goes to two RIBs that are well maintained.

11. **Biosolids/Sludge:** RATING – In-Compliance

Observations: Due to the low population served by this facility, it has never been necessary to haul sludge.

12. **Groundwater Quality:** RATING – Not Evaluated

13. **SSO Survey:** RATING – Not Evaluated

14. **Other:** RATING – Not Evaluated

FOR FILING

County: \_\_\_\_\_

Facility: \_\_\_\_\_

**MALFUNCTION REPORT**

Date: 11/19/2012      Time: 12:12 PM

Received By: Amber Ray

**Name of Facility:** Barrington Estates    County: Lake

Owner/Responsible Party:

Reported By: Tom Felton

Telephone:

Email Address: n/a

**Date Malfunction Occurred:** October 2012    **Time:**

Address and/or directions for where malfunction occurred:

**Nature of Problem:** Monthly samples were collected but was lost. They have no data to report.

*If spill occurred, complete the following:*

- Spill amount: n/a
- Amount Recovered: n/a
- Treated or Untreated: Unknown
- Cause of Spill: Unknown
- Surface Waters affected: n/a

Signs posted

Samples taken

- SWP # n/a

**Corrective Action Taken:** Make sure to track samples better for November 2012.

Expected Back in Service (Date & Time): n/a

Remarks:

Follow-up in Writing: Yes-Will put note on October 2012 DMR

**EXHIBIT "I"**

FLORIDA PUBLIC SERVICE COMMISSION

authorizes

Utilities Inc. of Florida  
pursuant to  
Certificate Number 465-S

to provide wastewater service in Lake 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>
15967	4/08/1986	860131-WS	Original Certificate
24283	3/25/1991	900957-WS	Original Certificate
PSC-92-1328-FOF-WS	11/16/1992	920900-WS	Amendment
PSC-93-0194-FOF-WS	02/09/1993	920588-WS	Transfer Certificate & Territory Correction
PSC-94-0116-FOF-WS	01/31/1994	931000-WS	Amendment
PSC-99-0164-FOF-WS	1/26/1999	980958-WS	Transfer of Majority Org. Control
PSC-99-0884-FOF-WS	05/03/1999	990195-WS	Amendment
PSC-00-1657-PAA-WS	09/18/2000	000430-WS	Amendment
PSC-01-0066-FOF-WS	01/09/2001	001652-WS	Correction
PSC-01-2316-FOF-WS	11/27/2001	010887-WS	Transfer of Majority Org. Control
PSC-02-1658-FOF-WS	11/26/2002	020695-WS	Name Change Merger
PSC-03-1000-PAA-WS	09/05/2003	030236-WS	Transfer of Certificate
PSC-04-0966-FOF-WS	10/05/2004	040371-WS	Amendment
PSC-05-0523-FOF-WS	05/13/2005	020907-WS	Amendment
PSC-06-0094-FOF-WS	02/09/2006	050499-WS	Transfer of Majority Org. Control
PSC-06-1065-FOF-WS	12/26/2006	020907-WS	Correction
PSC-09-0302-FOF-WS	05/06/2009	090034-WS	Quick-Take Amendment
PSC-12-0497-FOF-WS	9/27/2012	090034-WS	Transfer of Majority Org. Control
PSC-16-0143-FOF-WS	04/12/2016	150235-WS	Reorganization/Name Change
		2017____-SU	Amendment

WS-16-0037

JOHN P. HOY  
ISSUING OFFICER

PRESIDENT  
TITLE

**EXHIBIT "J"**

Original Cost of WWTP	224,910
Accum Depreciation	<u>74,970</u>
Net Plant	149,940
Used & Useful	<u>40%</u>
WWTP Rate Base	59,976
Collection System NBV	211,585
CIAC	<u>0%</u>
Collection System Rate Base	211,585
Total Rate Base	<u><u>271,561</u></u>

**EXHIBIT "K"**