

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

PERMITTEE NAME: Utilities Inc of Florida ADDRESS: 200 Weathersfield Ave Altamonte Springs, FL 32714 FACILITY: Barrington Estates LOCATION: 9716 Pine Island Rd Clermont, FL 34711 COUNTY: LAKE	PERMIT NUMBER: FLA416207 LIMIT: FINAL REPORT: Monthly FACILITY TYPE: DW GROUP: Domestic MONITORING GROUP: R-001 DESCRIPTION: two rapid infiltration basins with a total wetted area of 2.35 acres MONITORING PERIOD: From: 08/01/2020 To: 08/31/2020
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Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow PARM Code 50050 Y Mon. Site: FLW-1	Sample Measurement	.025				0	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	
	Permit Requirement	0.049 (Annl Avg)	MGD				(5 Days/Week)	(Elapsed Time Measurement on Pump (Pump Log))	
Flow PARM Code 50050 1 Mon. Site: FLW-1	Sample Measurement	.028				0	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	
	Permit Requirement	Report (Mo Avg)	MGD				(5 Days/Week)	(Elapsed Time Measurement on Pump (Pump Log))	
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon. Site: EFA-1	Sample Measurement			8.8		0	1 Monthly	Grab	
	Permit Requirement			20.0 (Annl Avg)	mg/L		(1 Monthly)	(Grab)	
BOD, Carbonaceous 5 day, 20C PARM Code 80082 A Mon. Site: EFA-1	Sample Measurement			8.0	8.0	8.0	0	1 Monthly	Grab
	Permit Requirement			60.0 (Maximum)	45.0 (Wkly Avg)	30.0 (Mo Avg)	mg/L	(1 Monthly)	(Grab)

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 Y Mon. Site: EFA-1	Sample Measurement					2.3			0	1 Monthly	Grab
	Permit Requirement					20.0 (Annl Avg)		mg/L		(1 Monthly)	(Grab)
Solids, Total Suspended PARM Code 00530 A Mon. Site: EFA-1	Sample Measurement				3.4	3.4	3.4		0	1 Monthly	Grab
	Permit Requirement				60.0 (Maximum)	45.0 (Wkly Avg)	30.0 (Mo Avg)	mg/L		(1 Monthly)	(Grab)
Coliform, Fecal PARM Code 74055 Y Mon. Site: EFA-1	Sample Measurement					2.2			0	1 Monthly	Grab
	Permit Requirement					200.0 (Annl Avg)		#/100mL		(1 Monthly)	(Grab)
Coliform, Fecal PARM Code 74055 A Mon. Site: EFA-1	Sample Measurement					2.0	2.0		0	1 Monthly	Grab
	Permit Requirement					200.0 (Mo Geomn)	800.0 (Maximum)	#/100mL		(1 Monthly)	(Grab)
pH PARM Code 00400 A Mon. Site: EFA-1	Sample Measurement				7.2		7.8		0	5 Days/Week	Grab
	Permit Requirement				6.0 (Minimum)		8.5 (Maximum)	s.u.		(5 Days/Week)	(Grab)

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorine, Total Residual PARM Code 50060 A Mon. Site: EFA-1	Sample Measurement				0.6				0	5 Days/Week	Grab
	Permit Requirement				0.5 (Minimum)			mg/L		(5 Days/Week)	(Grab)
Nitrogen, Nitrate, Total (as N) PARM Code 00620 A Mon. Site: EFA-1	Sample Measurement						5.8		0	1 Monthly	Grab
	Permit Requirement						12.0 (Maximum)	mg/L		(1 Monthly)	(Grab)
Flow PARM Code 50050 P Mon. Site: FLW-1	Sample Measurement		.025						0	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)
	Permit Requirement		0.049 (Annl Avg)	MGD						(5 Days/Week)	(Elapsed Time Measurement on Pump (Pump Log))
Flow PARM Code 50050 Q Mon. Site: FLW-1	Sample Measurement	.026	.028						0	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)
	Permit Requirement	Report (Qtr Avg)	Report (Mo Avg)	MGD						(5 Days/Week)	(Elapsed Time Measurement on Pump (Pump Log))
Percent Capacity, (TMADF/Permitted Capacity) x 100 PARM Code 00180 P Mon. Site: CAL-1	Sample Measurement						53		0	1 Monthly	Calculated
	Permit Requirement						Report (Mo Avg)	percent		(1 Monthly)	(Calculated)
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT James Kilgore	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 GATHERED AND EVALUATED 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.						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Electronically Signed			TELEPHONE (985) 520-2204	SUBMITTED ON 09/22/2020

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PERMITTEE NAME: Utilities Inc of Florida ADDRESS: 200 Weathersfield Ave Altamonte Springs, FL 32714 FACILITY: Barrington Estates LOCATION: 9716 Pine Island Rd Clermont, FL 34711 COUNTY: LAKE	PERMIT NUMBER: FLA416207 LIMIT: FINAL REPORT: Monthly FACILITY TYPE: DW GROUP: Domestic MONITORING GROUP: RMP-Q DESCRIPTION: Biosolids Quantity MONITORING PERIOD: From: 08/01/2020 To: 08/31/2020
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Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	0				0	1 Monthly	Calculated
PARM Code B0007 + Mon. Site: RMP-1	Report (Mo Total)	dry tons				(1 Monthly)	(Calculated)
Biosolids Quantity (Landfilled)	0				0	1 Monthly	Calculated
PARM Code B0008 + Mon. Site: RMP-1	Report (Mo Total)	dry tons				(1 Monthly)	(Calculated)
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DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA416207-004-DW3P
From: August 1, 2020

Facility: Barrington Estates WWTF
To: August 31, 2020

	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 (Total 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		>2.2				7.6	0.026		
2							0.033		
3		>2.0				7.7	0.033		
4		2.2				7.6	0.024		
5		1.7				7.6	0.035		
6		0.9				7.8	0.024		
7		0.8				7.8	0.027		
8		1.5				7.7	0.031		
9							0.030		
10		>2.2				7.5	0.026		
11	8.0	>2.2	2.0	5.8	3.4	7.6	0.015		
12		>2.2				7.6	0.030		
13		>2.2				7.7	0.030		
14		>2.2				7.6	0.033		
15		>2.2				7.8	0.025		
16							0.028		
17		>2.2				7.6	0.028		
18		0.6				7.7	0.026		
19		0.8				7.5	0.022		
20		1.5				7.6	0.027		
21		0.6				7.6	0.031		
22		>2.2				7.2	0.020		
23							0.035		
24		1.0				7.4	0.036		
25		>2.2				7.6	0.025		
26		>2.2				7.7	0.020		
27		2.0				7.4	0.036		
28		>2.2				7.2	0.028		
29		>2.2				7.4	0.031		
30							0.031		
31		>2.2				7.4	0.028		
Total	8.0	13.6	2.0	5.800	3.4	196.9	0.874		
Mo. Avg.	8.0	1.2	2.00	5.800	3.4	7.6	0.028		

PLANT STAFFING:

Lead Operator	Class: B	Certificate No: 9307	Name: JAMES KILGORE
Day Shift Operator:	Class: B	Certificate No: 18213	Name: JOHN PAGAN
Day Shift Operator:	Class: A	Certificate No: 18659	Name: DOMENIC GENTILUCCI
Day Shift Operator:	Class: C	Certificate No: 125530	Name: ANTHONY LOIACONO
Day Shift Operator:	Class: C	Certificate No: 17747	Name: CHUCK SCHWADES