

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: Department of Environmental Protection, Southwest District Office, Compliance Assurance Program, Attn: Domestic Wastewater, 13051 Telecom Parkway, Temple Terrace, FL 33637-0926, swd_dw@dep.state.fl.us

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

PERMIT NUMBER: FLA013123-011-DWF/MM

FACILITY: Cypress Lakes WWTP
 LOCATION: 10000 U.S. Highway 98 N.
 Lakeland, FL 33809-8030

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: Public access reuse (R-001), including Influent
 RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: 8-1-20 To: 8-31-20

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Polk
 OFFICE: Southwest District

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (to R-001)	Sample Measurement		0.111					0		
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.190 (An. Avg.)	MGD					5 Days/Week	Flow Totalizer
Flow (to R-001)	Sample Measurement		0.105					0		
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo. Avg.)	MGD					5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				3.5			0		
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (An. Avg.)		mg/L		Bi-weekly; every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				3.4	4.8		0		
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				30.0 (Mo. Avg.)	60.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement					1.8		0		
PARM Code 00530 B Mon. Site No. EFB-01	Permit Requirement					5.0 (Max.)	mg/L		3 Days/Week	Grab
pH	Sample Measurement				7.3	7.6		0		
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Steve Fuller Lead Operator	Steve Fuller	407-9486510	9/16/20

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Cypress Lakes WWTP

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

From: 8-1-20

PERMIT NUMBER: FLA013123-011- DWF/MM

To: 8-31-20

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection PARM Code 51005 A Mon. Site No. EFA-01	Sample Measurement				925			0		
	Permit Requirement				75 (Mo. Avg.)		percent		3 Days/Week	Calculated
Coliform, Fecal PARM Code 74055 A Mon. Site No. EFA-01	Sample Measurement					27		1		
	Permit Requirement					25 (Max.)	#/100mL		3 Days/Week	Grab
Chlorine, Total Residual (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-01	Sample Measurement				1.4			0		
	Permit Requirement				1.0 (Min.)		mg/L		Continuous	Meter
Turbidity TSS PARM Code 00070 B Mon. Site No. EFB-01	Sample Measurement					3.5		0		
	Permit Requirement					Report (Max.)	NFH TSS		Continuous	Meter
Nitrogen, Total PARM Code 00600 A Mon. Site No. EFA-01	Sample Measurement				19	19		0		
	Permit Requirement				Report (Mo. Avg.)	Report (Max.)	mg/L		Monthly	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 A Mon. Site No. EFA-01	Sample Measurement				4.6	4.6		0		
	Permit Requirement				Report (Mo. Avg.)	Report (Max.)	mg/L		Monthly	8-hr FPC
Flow (Total Plant) PARM Code 50050 P Mon. Site No. FLW-01	Sample Measurement	0.105	0.105					0		
	Permit Requirement	Report (Mo. Avg.)	0.19 (3Mo. Avg.)	MGD					5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100 PARM Code 00180 1 Mon. Site No. FLW-01	Sample Measurement					55		0		
	Permit Requirement					Report (Mo. Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent) PARM Code 80082 G Mon. Site No. INF-01	Sample Measurement					260		0		
	Permit Requirement					Report (Mo. Avg.)	mg/L		Monthly	8-hr FPC
Solids, Total Suspended (Influent) PARM Code 00530 G Mon. Site No. INF-01	Sample Measurement					310		0		
	Permit Requirement					Report (Mo. Avg.)	mg/L		Monthly	8-hr FPC

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA013123
8/1-8/31/20

Cypress Lakes WWTF
Polk

Code	Flow (MGD) R-001	CBOD5 (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ml)	pH (SU)	TRC (For Disinfect.) (mg/L)	HIGH TSS	CBOD5 (MG/L)	TSS(MG/L)	Notes
Mon. Site	FLW-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFB-01	INF-01	INF-01	
1	0.092012				7.4	3.0	2.8			
2	0.104316				7.4	5.0	3.2			
3	0.101404				7.4	4.0	3.5			
4	0.096271		1.8	1	7.5	3.5	3.0			
5	0.097492		1.4	1	7.5	3.0	3.5			
6	0.099862		1.0	1	7.6	3.8	3.3			
7	0.096216				7.6	3.0	3.4			
8	0.091649				7.4	5.0	3.1			
9	0.108699				7.4	5.0	3.4			
10	0.095703				7.4	2.7	3.2			
11	0.095043		1.0	1	7.5	2.7	1.5			
12	0.106264	4.8	1.0	1	7.5	3.0	1.9	260	310	
13	0.104176		1.2	1	7.4	3.0	2.0			
14	0.107113				7.5	2.8	1.7			
15	0.087790				7.4	3.7	1.9			
16	0.107808				7.5	2.0	1.5			
17	0.111655				7.3	2.5	2.0			
18	0.107058		1.0	1	7.4	3.5	2.4			
19	0.092493		1.0	1	7.3	3.0	2.0			
20	0.103228		1.0	1	7.3	2.5	2.2			
21	0.134166				7.3	2.8	1.9			
22	0.122856				7.3	2.2	1.5			
23	0.106513				7.4	5.0	1.1			
24	0.114719				7.5	1.8	1.7			
25	0.113151		1.0	27	7.6	1.7	1.3			
26	0.115178	2.0	1.0	1	7.5	1.4	1.4			
27	0.099107		1.0	1	7.7	5.0	0.9			
28	0.091337			1	7.4	5.0	0.9			
29	0.112874				7.4	3.4	0.8			
30	0.115056				7.4	5.0	0.8			
31	0.126838				7.3	1.4	1.2			
Total	3.258047	6.800	13.400	39						
Mo. Avg.	0.105098	3.40	1.12	3		3.3	2.1			

PLANT STAFFING:

Day shift Operator Class: C Certificate No: 12637 Name: Theodore Levi
 Evening Shift Operator Class: C Certificate No: 25736 Name: Jason Woods
 Night Shift Operator Class: Certificate No: Name:
 Lead Operator Class: B Certificate No: 8937 Name: STEVE FULLER