

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers Fl, 33901-3875

PERMITTEE NAME: Florida Keys Aqueduct Authority
MAILING ADDRESS: 1100 Kennedy Blvd.
Key West, FL 33040

PERMIT NUMBER: FLA567591-004-DW2P

LIMIT: Final
CLASS SIZE: N/A
REPORT FREQUENCY: Monthly
PROGRAM: Domestic

FACILITY: Big Coppitt Key WWTP
LOCATION: 9500 Overseas Highway, US Mile Marker 9.5
Rockland Key, FL 33040

MONITORING GROUP NUBMER: R-001
MONITORING GROUP DESCRIPTION: the areas of Rockland, Big Coppitt and Shark Key

RE-SUBMITTED DMR: ☐

COUNTY: Monroe

NO DISCHARGE FROM SITE: ☐

OFFICE: South District

MONITORING PERIOD: From: 08/01/15 To: 08/31/15

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.044	0.040						0		
PARM Code 50050 Mon.Site No. FLW-3	Permit Requirement	Report (Mo.Avg.)	0.411 (Qt.Avg)	MGD						5 Days/Week	Flow Totalizer
Flow	Sample Measurement		0.038						0		
PARM Code 50050 Mon.Site No. FLW-3	Permit Requirement		0.323 (An.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.2				0		
PARM Code 80082 Mon.Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)			mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				4.9	4.9	4.2		0		
PARM Code 80082 Mon.Site No. EFA-1	Permit Requirement				60 (Max)	45.0 (Wk.Avg)	30.0 (Mo.Avg.)	mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
Solids, Total Suspended	Sample Measurement						5.2		1		
PARM Code 00530 Mon.Site No. EFB-1	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement						<1		0		
PARM Code 74055 Mon.Site No. EFA-1	Permit Requirement						25 (Max.)	#/100 ml		4 Days/Week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that qualified personnel properly gater 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 (YY/MM/DD)
Jay Miller 22875 Florida Keys Aqueduct		305.809.2622	15/09/17

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

The NTU was 0.510 not high when I pulled the sample at that time. Will keep an eye on the sampling of this sample.

FACILITY: Big Coppitt Key WWTP MONITORING GROUP NUMBER: R-001 PERMIT NUMBER: FLA567591-004-DW2P
MONITORING PERIOD: From: 08/01/15 To: 08/31/15

[illegible]

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers FL, 33901-3875

PERMITTEE NAME: Florida Keys Aqueduct Authority MAILING ADDRESS: 1100 Kennedy Blvd. Key West, FL 33040 FACILITY: Big Coppitt Key WWTP LOCATION: 9500 Overseas Highway, US Mile Marker 9.5 Rockland Key, FL 33040 COUNTY: Monroe OFFICE: South District	PERMIT NUMBER: FLA567591-004-DW2P LIMIT: Final CLASS SIZE: N/A MONITORING GROUP NUBMER: U-001 MONITORING GROUP DESCRIPTION: Disposal to Class V Injection Well RE-SUBMITTED DMR: <input type="checkbox"/> NO DISCHARGE FROM SITE: <input type="checkbox"/> MONITORING PERIOD: From: 08/01/15 To: 08/31/15	REPORT FREQUENCY: Monthly PROGRAM: Domestic
---	--	--

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total)	Sample Measurement		0.099						0		
PARM Code 50050 Y Mon.Site No. FLW-2	Permit Requirement		0.323 (An. Avg)	MGD						5 Days/Week	Flow Totalizer
Flow (Total)	Sample Measurement	0.093	0.090						0		
PARM Code 50050 I Mon.Site No. FLW-2	Permit Requirement	Report (Mo. Avg.)	0.411 (Qt. Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement					2.2			0		
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement					5.0 (An.Avg.)		mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				4.9	4.9	4.19		0		
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement				10 (Max)	7.5 (Wk.Avg)	6.25 (Mo.Avg.)	mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
Solids, Total Suspended	Sample Measurement					2.9			0		
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement					5.0 (An. Avg.)		mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
Solids, Total Suspended	Sample Measurement				6.4	6.4	4.70		0		
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement				10 (Max)	7.5 (Wk.Avg)	6.25 (Mo.Avg.)	mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that qualified personnel properly gater 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 (YY/MM/DD)
Jay Miller 22875 Florida Keys Aqueduct		305.809.2622	15/09/17

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

The NTU was 0.510 not high when I pulled the sample at that time. Will keep an eye on the sampling of this sample.

FACILITY:	Big Coppitt Key WWTP	MONITORING GROUP NUMBER:	U-001	PERMIT NUMBER:	FLA567591-004-DW2P
		MONITORING PERIOD:	From: 08/01/15	To: 08/31/15	

[illegible]

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, FL, 33901-3875

PERMITTEE NAME:	Florida Keys Aqueduct Authority	PERMIT NUMBER:	FLA567591-004-DW2P		
MAILING ADDRESS:	1100 Kennedy Blvd. Key West, FL 33040	LIMIT:	Final	REPORT:	Monthly
		CLASS SIZE:	N/A	GROUP:	Domestic
FACILITY:	Big Coppitt Key WWTP	MONITORING GROUP NUBMER:	RMP-Q		
LOCATION:	9500 Overseas Highway, US Mile Marker 9.5 Rockland Key, FL 33040	MONITORING GROUP DESC:	Biosolids Quantity		
		RE-SUBMITTED DMR:	<input type="checkbox"/>		
COUNTY:	Monroe	NO DISCHARGE FROM SITE:	<input type="checkbox"/>		
OFFICE:	South District	MONITORING PERIOD:	From:	08/01/15	To: 08/31/15

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Received)	Sample Measurement		5.11								
PARM Code B0002 + Mon.Site No. RMP-001	Permit Requirement		Report (Mo. Total)	ton (d)						Monthly	Calculated
Biosolids Quantity (Transferred)	Sample Measurement		0.00								
PARM Code B0002 + Mon.Site No. RMP-002	Permit Requirement		Report (Mo. Total)	ton (d)						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement		6.10								
PARM Code B0002 + Mon.Site No. RMP-003	Permit Requirement		Report (Mo. Total)	ton (d)						Monthly	Calculated

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 (YY/MM/DD)
Jay Miller 22875 Florida Keys Aqueduct		305.809.2622	15/09/17

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

The NTU was 0.510 not high when I pulled the sample at that time. Will keep an eye on the sampling of this sample.

DAILY SAMPLE RESULTS - PART B

PERMIT NUMBER:

FLA567591-004-DW2P

FACILITY:

Big Coppitt Key WWTP

MONITORING PERIOD:

From: 08/01/15

To: 08/31/15

	BOD, Carbonaceous 5 day, 20 C mg/L	Chlorine, Total Residential (For Disinfection) mg/L	Coliform Fecal (#/100ML)	Nitrogen Total (MG/L)	Phosphorus, Total (as P) mg/L	Solids, Total Suspended mg/L	pH s.u.	Solids, Total Suspended mg/L	Turbidity NTU	
Code	80082	50060	74055	00600	00665	00530	00400	00530	00070	
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFB-1	EFB-1	
1		1.00					7.1		0.89	
2		1.15					7.1		0.47	
3		1.08	<1				6.8	4.00	3.36	
4		1.06	<1				7.1	1.60	0.64	
5		1.25	<1				6.9	1.40	2.29	
6		1.00	<1				6.7	2.00	0.50	
7		2.15					6.8		0.34	
8		1.00					7.1		4.11	
9		3.13					6.8		0.80	
10		1.37					7.0		0.57	
11		1.11	<1				7.0	1.80	4.82	
12	3.52	1.02	<1	1.84	0.96	3.00	6.9	1.40	0.83	
13		1.18	<1				6.9	2.60	0.52	
14		1.78	<1				7.1	2.60	5.00	
15		1.23					7.0		0.58	
16		2.86					7.0		0.58	
17		1.53					7.0		0.73	
18		1.00	<1				6.9	1.40	3.79	
19		1.09	<1				6.9	1.00	5.00	
20		1.06	<1				6.8	2.00	5.00	
21		1.12	<1				7.4	5.20	1.19	
22		1.00					7.1		0.85	
23		1.50					6.7		0.95	
24		1.25	<1				7.3	3.60	5.00	
25		1.22	<1				7.0	<1	0.78	
26	4.85	1.00	<1	2.12	1.41	6.40	6.8	1.80	0.67	
27		1.18	<1				6.7	3.20	2.31	
28		1.02					6.8		1.32	
29		1.04					6.7		0.58	
30		1.07					6.9		0.66	
31		1.01	<1				6.9	2.80	5.00	
Total										
Mo.Avg.	4.19	1.31	0.50	1.98	1.18	4.70	6.9	2.29	1.94	

PLANT STAFFING:

Day Shift Operator

Class: _____ Certificate No: _____

Name: _____

Evening Shift Operator

Class: _____ Certificate No: _____

Name: _____

Night Shift Operator

Class: _____ Certificate No: _____

Name: _____

Lead Operator

Class: _____ Certificate No: _____

Name: _____

DAILY SAMPLE RESULTS - PART B

PERMIT NUMBER:

PERMITTEE NAME:

FACILITY:

Big Coppitt Key WWTP

MONITORING PERIOD:

From:

08/01/15

To:

08/31/15

	Flow MGD	Flow MGD	Flow MGD	BOD, Carbonaceous 5 day, 20 C mg/L	Solids, Total Suspended (Influent) mg/L					
Code	50050	50050	50050	80082	00530					
Mon.Site	FLW-1	FLW-2	FLW-3	INF-1	INF-1					
1	0.149	0.107	0.041							
2	0.158	0.125	0.042							
3	0.129	0.089	0.034							
4	0.130	0.099	0.039							
5	0.131	0.103	0.023							
6	0.133	0.085	0.043							
7	0.129	0.089	0.040							
8	0.143	0.104	0.032							
9	0.088	0.116	0.046							
10	0.131	0.081	0.039							
11	0.133	0.097	0.043							
12	0.138	0.097	0.036	126	133					
13	0.128	0.088	0.044							
14	0.121	0.086	0.041							
15	0.136	0.088	0.035							
16	0.144	0.115	0.046							
17	0.140	0.074	0.038							
18	0.115	0.103	0.043							
19	0.124	0.090	0.038							
20	0.127	0.058	0.043							
21	0.087	0.054	0.103							
22	0.140	0.056	0.054							
23	0.122	0.070	0.080							
24	0.164	0.045	0.073							
25	0.120	0.064	0.071							
26	0.133	0.069	0.037	149	185					
27	0.135	0.142	0.031							
28	0.134	0.094	0.029							
29	0.181	0.141	0.024							
30	0.185	0.149	0.032							
31	0.140	0.102	0.053							
Total	4.168	2.880	1.373							
Mo.Avg.	0.134	0.093	0.044	138	159					

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:
