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: MAILING ADDRESS:	Florida Keys Aqueduc 1100 Kennedy Blvd.	ct Authority	PERMIT NUMI	BER:	FLA5675	FLA567591-004-DW2P			
	Key West, FL 33040		LIMIT:		Final	REPORT FREQUENCY:	Monthly		
			CLASS SIZE:		N/A	PROGRAM:	Domestic		
FACILITY:	Big Coppitt Key WW	TP							
LOCATION:	9500 Overseas Highw	ay, US Mile Marker 9.5	MONITORING	GROUP NUBMER:	R-001				
	Rockland Key, FL 33	040	MONITORING	GROUP DESCRIPTION	N: the areas	of Rockland, Big Coppitt and Sha	ark Key		
			RE-SUBMITTE	D DMR:					
COUNTY:	Monroe		NO DISCHARO	GE FROM SITE:					
OFFICE	South District		MONITORING	PERIOD:	From: 08/01	/15	Го: 08/31/15		
Parameter		Quantity or Loading	. Units	Quality or C		Unite No.	Frequency of Sample Type		

Parameter			Quantity	or Loading	Units	Quali	ty or Concentr	ration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow		Sample Measurement	0.044	0.040						0		
PARM Code 50050 Mon.Site No. FLW-3	1	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	Y	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	Y	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	A	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	В	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	A	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 sa	ample.		

DISCHARGE MONITORING REPORT - PART A (Continued)

Big Coppitt Key WWTP MONITORING GROUP NUBMER:

FACILITY:

R-001 From: PERMIT NUMBER: FLA567591-004-DW2P

MONITORING PERIOD:

08/01/15

To:

08/31/15

Parameter			Quantity o	r Loading	Units	Qua	lity or Concentr	ation	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detect		Sample Measurement				100%				0	2 22202 , 222	
PARM Code 51005 Mon.Site No. EFA-1		Permit Requirement				75 (Mo. Total)			percent		4 Days/Week	Calculated
рН		Sample Measurement				6.7		7.4		0		
PARM Code 00400 Mon.Site No. EFA-1		Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Total Residual Chlorine (For Disinfection)	S	Sample Measurement				1.0				0		
		Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity		Sample Measurement						5.0		na		
PARM Code 0070 Mon Site No. EFB-1		Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow		Sample Measurement	0.134	0.128						0		
PARM Code 50050 Mon.Site.No. FLW-1		Permit Requirement	Report (Mo.Avg.)	0.411 (Qt.Avg)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x100		Sample Measurement						31%		na		
PARM Code 00180 Mon.Site No. CAL-1		Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)		Sample Measurement						149		na		
PARM Code 80082 Mon.Site No. INF-1		Permit Requirement						Report (Max.)	mg/L		Bi-weekly, Every 2 Weeks	8-hr. FPC
Solids, Total Suspended (Influent)		Sample Measurement						185		na		
PRAM Code 00530 Mon.Site No. INF-1		Permit Requirement						Report (Max.)	mg/L		Bi-weekly, Every 2 Weeks	8-hr. FPC

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

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.

PERMITTEE NAME:	Florida Key	s Aqueduct Autl	hority		PERMIT NUMBER:			FLA567591-004-DW2P				
MAILING ADDRESS:	1100 Kenne	edy Blvd.										
	Key West, I	FL 33040			LIMIT:			Final	REPORT FRE	QUENCY:	Monthly	
					CLASS SI	ZE:		N/A	PROGRAM:		Domestic	
FACILITY:	Big Coppitt	Key WWTP										
LOCATION:	9500 Overs	eas Highway, U	S Mile Marker	9.5	MONITO	RING GROUP	NUBMER:	U-001				
	Rockland K	ley, FL 33040			MONITO	RING GROUP	DESCRIPTION:	Disposal to Class	V Injection Well			
					RE-SUBM	MITTED DMR:		П				
COUNTY:	Monroe				NO DISC	HARGE FROM	SITE:	П				
OFFICE:	South Distri	ict				RING PERIOD:		n: 08/01/	15	Te	o: 08/31/15	
office.	Bouil Blou				111011110	ita (O I BitiOB)	1101				0	
Paramete	r		Quantity	or Loading	Units		Quality or Concer	tration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total)		Sample Measurement		0.099						0		
PARM Code 50050	Y	Permit		0.323	MGD						5 Days/Week	Flow Totalizer
Mon.Site No. FLW-2		Requirement		(An. Avg)								
Flow (Total)		Sample Measurement	0.093	0.090						0		
PARM Code 50050	1	Permit	Report (Mo. Avg,)	0.411 (Qt. Avg.)	MGD						5 Days/Week	Flow Totalizer
Mon.Site No. FLW-2		Requirement	(Mo. Avg,)	(Qt. Avg.)								
BOD, Carbonaceous 5 day, 20C		Sample Measurement					2.2			0		
PARM Code 80082	Y	Permit					5.0 (An.Avg.)		mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
Mon.Site No. EFA-1		Requirement					(All.Avg.)				WCCKS	
BOD, Carbonaceous 5 day, 20C		Sample Measurement				4.9	4.9	4.19		0		
PARM Code 80082	A	Permit				10	7.5	6.25	mg/L		Bi-weekly, Every 2	8-Hr. FPC
Mon.Site No. EFA-1		Requirement				(Max)	(Wk.Avg)	(Mo.Avg.)			Weeks	
Solids, Total Suspended		Sample Measurement					2.9			0		
PARM Code 00530	Y	Permit					5.0		mg/L		Bi-weekly, Every 2	8-Hr. FPC
Mon.Site No. EFA-1		Requirement					(An, Avg,)				Weeks	
Solids, Total Suspended		Sample Measurement				6.4	6.4	4.70		0		
PARM Code 00530	A	Permit				10	7.5	6.25	mg/L		Bi-weekly, Every 2	8-Hr. FPC
Mon.Site No. EFA-1		Requirement				(Max)	(Wk.Avg)	(Mo.Avg.)			Weeks	
I certify under penalty of law that the information submitted. Based knowledge and belief, true, accur	d on my inquiry of	the person or persons	s who manage the	system, or those j	persons directly	responsible for gathe	ring the information, the ir	formation submitted is, to	the best of my			
NAME/TITLE OF PRINCIPAL								CER OR AUTHORIZED AGENT			TELEPHONE NO	DATE (YY/MM/DD)
Jav Miller	iller 22875 Florida Keys Aque											15/09/17
COMMENT AND EXPLANATI											305.809.2622	15/5//17

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Big Coppitt Key WWTP

MONITORING GROUP NUBMER:

U-001

PERMIT NUMBER:

FLA567591-004-DW2P

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

Paramete	er		Quantity or	Loading	Units	Q	uality or Concentrat	tion	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal		Sample Measurement					0.6			0		
PARM Code 74055 Mon.Site No. EFA-1	Y	Permit Requirement					200 (An. Avg.)		#/100ML		Bi-weekly, Every 2 Weeks	Grab
Coliform, Fecal		Sample Measurement					0.5	<1		0		
PARM Code 74055 Mon.Site No. EFA-1	A	Permit Requirement					200 (Mo. Geo. Mn.)	800 (Max.)	#/100ML		Bi-weekly, Every 2 Weeks	Grab
рН		Sample Measurement				6.7		7.4		0		
PARM Code 00400 Mon.Site No. EFA-1	A	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)		Sample Measurement				0.6				0		
PARM Code 50060 Mon.Site No. EFA-1	A	Permit Requirement				0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total		Sample Measurement					2.1			0		
PARM Code 00600 Mon.Site No. EFA-1	Y	Permit Requirement					3.0 (An. Avg.)		mg/L		Bi-weekly, Every 2 Weeks	8-hr. FPC
Nitrogen, Total		Sample Measurement				2.1	2.4	1.98		0		
PARM Code 00600 Mon.Site No. EFA-1	A	Permit Requirement				6.0 (Max)	4.5 (Wk.Avg)	3.75 (Mo.Avg.)	mg/L		Bi-weekly, Every 2 Weeks	8-hr. FPC
Phosphorus, Total (as P)		Sample Measurement					0.7			0		
PARM Code 00665 Mon.Site No. EFA-1	Y	Permit Requirement					1.0 (An. Avg.)		mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC
Phosphorus, Total (as P)		Sample Measurement				1.4	1.4	1.18		0		
PARM Code 00665 Mon.Site No. EFA-1	A	Permit Requirement				2.0 (Max)	1.5 (Wk.Avg)	1.25 (Mo.Avg.)	mg/L		Bi-weekly, Every 2 Weeks	8-Hr. FPC

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: MAILING ADDRESS:						NUMBER:		FLA567591-004-DW2P				
	Key West, FL 3				LIMIT:			Final	REPORT:		Monthly	
	110) 1100,120				CLASS SI	ZE·		N/A	GROUP:		Domestic	
FACILITY:	Big Coppitt Ke	v WWTP						- ,,				
LOCATION:	9500 Overseas	•	S Mile Marker	. 9 5	MONITO	RING GROUP N	IJBMER:	RMP-Q				
Eccilion.	Rockland Key,	•	, ivine ividice	7.5		RING GROUP D		Biosolids Quant	its			
	Rockiana Rey,	1L 33040				IITTED DMR:	Lbc.	Diosonas Quant	ity			
COUNTY:	Monroe					HARGE FROM						
OFFICE:	South District				MONITO	RING PERIOD:	From	n: 08/01/15		To:	08/31/15	
Paramete	er		Quantity	or Loading	Units	Qua	lity or Concen	tration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantuty (Received)		Sample Measurement		5.11								
PARM Code B0002 + Mon.Site No. RMP-001		Permit Requirement		Report (Mo. Total)	ton (d)						Monthly	Calculated
Biosolids Quantuty (Transfered		Sample Measurement		0.00								
PARM Code B0002 +		Permit		Report (Mo. Total)	ton (d)						Monthly	Calculated
Mon.Site No. RMP-002				(Mo. Total)							•	
	olids Quantuty (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. Bas knowledge and belief, true, according			_	-	-		-					
NAME/TITLE OF PRINCIPAL	EXECUTIVE OFFIC	ER OR AUTHO	RIZED AGENT		SIGNATURE	E OF PRINCIPAL F	EXECUTIVE OFFIC	CER OR AUTHORIZEI	O AGENT		TELEPHONE NO	DATE (YY/MM/DD)
Jay Miller	22875 F	lorida	Keys .	Aquedu	ct						305.809.2622	15/09/17
COMMENT AND EXPLANAT												
The NTU was 0.510 not high w	then I pulled the sample	e at that time. W	ill keep an eye on	the sampling of the	his 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	

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 STA	AFFING:									
Day Shift O	perator	Class:		Certificate No:			Name:			
Evening Shi	ift Operator	Class:		Certificate No:			Name:			
Night Shift	Operator	Class:		Certificate No:			Name:			
Lead Operat	tor	Class:		Certificate No:			Name:			
				_						

DAILY SAMPLE RESULTS - PART B

PERMIT NUMBER: PERMITTEE NAME: FACILITY: Big Coppit 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			

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 STAFFI	NG:							
Day Shift Operat	or	Class:			Certificate No:		Name:	
Evening Shift Op	perator	Class:			Certificate No:	_	Name:	
Night Shift Oper	ator	Class:			Certificate No:		Name:	
Lead Operator		Class:			Certificate No:		Name:	
					-	•		