

City Of Monroe Wastewater Treatment Plant Info

Month of Jan 2016

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Influent			Discharge/Effluent			Hypo 12.5% Usage			Calcium Thiosulfate Usage				
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar go to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used	CL2 Res. mg/L	Dechlor Res. mg/L
1	290094912	0.178816	2618531	0.324215	River	7	10080	2.66	6	8640	2.28	0.21	0.00
2	290273728	0.184480	2942746	0.364872	River	7	10080	2.66	6	8640	2.28	0.22	0.04
3	290458208	0.161280	3307618	0.313408	River	7	10080	2.66	7	10080	2.66	0.17	0.00
4	290619488	0.247424	3621026	0.368740	River	7	10080	2.66	6	8640	2.28	0.17	0.00
5	290866912	0.223200	3989766	0.351103	River	7	10080	2.66	6	8640	2.28	0.66	0.19
6	291090112	0.192064	4340869	0.342697	River	6	8640	2.28	7	10080	2.66	0.47	0.06
7	291282176	0.200064	4683566	0.340329	River	6	8640	2.28	7	10080	2.66	0.55	0.04
8	291482240	0.214592	5023995	0.362482	River	6	8640	2.28	7	10080	2.66	0.52	0.02
9	291696832	0.160032	5386377	0.401286	River	6	8640	2.28	7	10080	2.66	0.85	0.16
10	291856864	0.128320	5787663	0.321600	River	6	8640	2.28	7	10080	2.66	0.44	0.18
11	291985184	0.198144	6109263	0.356202	River	6	8640	2.28	8	11520	3.04	0.48	0.04
12	292183328	0.604224	6465465	0.386571	River	6	8640	2.28	8	11520	3.04	0.46	0.01
13	292787552	0.442432	6852036	0.369296	River	6	8640	2.28	8	11520	3.04	0.47	0.20
14	293229984	0.449216	7221332	0.369256	River	6	8640	2.28	8	11520	3.04	0.48	0.18
15	293679200	0.477984	7590588	0.422591	River	6	8640	2.28	8	11520	3.04	0.45	0.13
16	294157184	0.181504	8013179	0.151475	River	5	7200	1.90	10	14400	3.80	0.44	0.18
17	294338688	0.919712	8164654	0.935391	River	5	7200	1.90	10	14400	3.80	0.45	0.19
18	295258400	0.583040	9100045	0.374810	River	5	7200	1.90	10	14400	3.80	0.41	0.19
19	295841440	0.583136	9474855	0.927107	River	5	7200	1.90	10	14400	3.80	0.44	0.19
20	296424576	0.371072	10401962	0.814900	River	5	7200	1.90	13	18720	4.95	0.52	0.20
21	296795648	0.458880	11216862	0.464881	River	5	7200	1.90	16	23040	6.09	0.44	0.03
22	297254528	0.497408	11681743	0.770316	River	5	7200	1.90	16	23040	6.09	0.46	0.18
23	297751936	0.321632	12452059	0.454071	River	5	7200	1.90	21	30240	7.99	0.43	0.00
24	298073568	0.228896	12906130	0.376006	River	5	7200	1.90	20	28800	7.61	0.33	0.01
25	298302464	0.264416	13282136	0.449295	River	5	7200	1.90	18	25920	6.85	0.33	0.09
26	298566880	0.193984	13731431	0.347116	River	5	7200	1.90	18	25920	6.85	0.36	0.00
27	298760864	0.284704	14078547	0.342802	River	3	4320	1.14	18	25920	6.85	0.31	0.03
28	299045568	0.354880	14421349	0.271424	River	3	4320	1.14	18	25920	6.85	0.33	0.02
29	299400448	0.571264	14692773	0.341922	River	3	4320	1.14	16	23040	6.09	0.38	0.02
30	299971712	0.439936	15034695	0.338228	River	2	2880	0.76	20	28800	7.61	0.22	0.01
31	300411648	0.280800	15372923	0.281894	River	2	2880	0.76	19	27360	7.23	0.21	0.00
1st	300692448		15654817										
Totals		10.316736	13.036286		Totals	62.00		136.56					
Max		0.919712	0.935391		Max	2.66		7.99	0.85				
Min		0.128320	0.151475		Min	0.76		2.28	0.17				
Average		0.343891	0.420525		Average	2.00		4.41	0.41				

Monroe WWTP

Month of Jan 2016

Date	Rain	Influent		Influent			Inf	Effluent		Effluent				Eff	E-Coli
		pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS lbs		
1	0.00														
2	0.10														
3	0.10														
4	0.20														
5	0.10	6.59	8.4					7.19	7.0						
6	0.10														
7	0.00	6.62	9.4					7.17	6.9						43
8	0.10														
9	0.00														
10	0.10														
11	0.50														
12	0.90	6.57	9.1					7.15	8.4						
13	0.20			26.0	95.9	36.0				9.4	29.0	5.0	15.4		
14	0.40	6.53	9.4					7.10	8.4						
15	0.50														
16	0.00														
17	1.30														
18	1.20														
19	0.30	6.34	10					7.25	9.4						
20	0.00														
21	0.70	6.51	12.3												5
22	0.10						35.0	7.26	10.6					52.0	
23	0.10														
24	0.00														
25	0.00														
26	0.05	6.58	11.7					7.18	11.7						
27	0.60			91.0	216.1					14.0	40.0				
28	0.40	6.70	14.5					7.22	12.3						
29	0.70														
30	0.10														
31	0.10														
1st															

Totals	8.95														
Max	1.30	6.70	14.50	91.0	216.1	36.0	132.8	7.3	12.3	14.0	40.0	5.0	15.4		
Min	0.00	6.34	8.40	26.0	95.9	36.0	132.8	7.1	6.9	9.4	29.0	5.0	15.4		
Average	0.29	6.56	10.60	58.5	156.0	36.0	132.8	7.2	9.3	11.7	34.5	5.0	15.4		

BOD Removal: 80.0
TSS Removal: 86.1

geo mean 15

Monroe WWTP

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Month of Jan 2016

Date	Cell #1		Cell #2		Cell #3		Overflow Events		
	pH	Temp	pH	Temp	pH	Temp	Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft
1									
2							6.90	7.10	7.30
3							6.70	7.00	7.20
4									
5									
6									
7									
8							7.20	6.50	6.90
9							6.10	6.40	6.80
10									
11									
12									
13									
14									
15									
16							6.70	7.00	6.60
17							6.70	7.00	6.60
18									
19									
20									
21									
22									
23							7.68	7.90	6.80
24							7.80	7.90	6.70
25									
26									
27									
28									
29									
30							7.60	7.90	6.50
31							7.70	7.95	6.50
1st									
Max	0.00	0.00	0.00	0.00	0.00	0.00	7.80	7.95	7.30
Min	0.00	0.00	0.00	0.00	0.00	0.00	6.10	6.40	6.50
Av9							7.11	7.27	6.79

City Of Monroe Pump Station Info

Month of Jan 2016

Page 1

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator	
					ETM	hours
1	5881.2	3.4	6229	2.7	273.1	0.0
2	5884.6	4.5	6231.7	3.4	273.1	0.0
3	5889.1	3.7	6235.1	3.0	273.1	0.0
4	5892.8	4.7	6238.1	3.5	273.1	0.0
5	5897.5	4.8	6241.6	3.5	273.1	0.0
6	5902.3	4.0	6245.1	3.1	273.1	0.3
7	5906.3	3.9	6248.2	3.1	273.4	0.0
8	5910.2	4.5	6251.3	3.4	273.4	0.0
9	5914.7	3.4	6254.7	2.7	273.4	0.0
10	5918.1	2.2	6257.4	1.7	273.4	0.0
11	5920.3	5.0	6259.1	2.5	273.4	0.0
12	5925.3	23.5	6261.6	21.3	273.4	0.0
13	5948.8	15.0	6282.9	18.5	273.4	0.2
14	5963.8	4.0	6301.4	18.6	273.6	0.0
15	5967.8	5.3	6320	16.1	273.6	0.0
16	5973.1	1.3	6336.1	5.5	273.6	0.0
17	5974.4	1.3	6341.6	30.2	273.6	0.0
18	5975.7	0.6	6371.8	22.9	273.6	0.0
19	5976.3	4.5	6394.7	23.7	273.6	0.0
20	5980.8	2.0	6418.4	15.1	273.6	0.3
21	5982.8	1.9	6433.5	16.0	273.9	0.0
22	5984.7	3.6	6449.5	15.7	273.9	0.0
23	5988.3	3.2	6465.2	6.5	273.9	0.0
24	5991.5	2.2	6471.7	3.9	273.9	0.0
25	5993.7	2.7	6475.6	4.5	273.9	0.0
26	5996.4	2.1	6480.1	3.6	273.9	0.0
27	5998.5	1.9	6483.7	6.8	273.9	0.2
28	6000.4	2.2	6490.5	13.4	274.1	0.0
29	6002.6	0.7	6503.9	26.3	274.1	0.0
30	6003.3	2.2	6530.2	14.6	274.1	0.0
31	6005.5	2.8	6544.8	6.4	274.1	0.0
1st	6008.3		6551.2		274.1	
Totals		127.1	322.2			1.0
Max		23.5	30.2			0.3
Min		0.6	1.7			0.0
Average		4.1	10.5			0.0

pm,s

0

City Of Monroe Wastewater Treatment Plant Info

Month of Feb 2016

Page 1

Date	Influent		Discharge/Effluent		Discharge to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage		
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD		mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	300692448	0.289856	15654817	0.363300	River	2	2880	0.76	19	27360	7.23
2	300982304	0.227520	16018117	0.360926	River	2	2880	0.76	11	15840	4.18
3	301209824	0.284960	16379043	0.425751	River	2	2880	0.76	11	15840	4.18
4	301494784	0.183794	16804794	0.269222	River	2	2880	0.76	8	11520	3.04
5	301678578	0.357230	17074016	0.485018	River	2	2880	0.76	8	11520	3.04
6	302035808	0.177056	17559034	0.279170	River	5	7200	1.90	5	7200	1.90
7	302212864	0.158496	17838204	0.273318	River	4	5760	1.52	3	4320	1.14
8	302371360	0.188896	18111522	0.317698	River	2	2880	0.76	8	11520	3.04
9	302560256	0.145376	18429220	0.288120	River	2	2880	0.76	8	11520	3.04
10	302705632	0.161408	18717340	0.016456	River	2	2880	0.76	8	11520	3.04
11	302867040	0.155616	18733796	0.000000	River	0	0	0.00	0	0	0.00
12	303022656	0.175040	18733796	0.000000	River	0	0	0.00	0	0	0.00
13	303197696	0.183072	18733796	0.000000	River	0	0	0.00	0	0	0.00
14	303380768	0.213184	18733796	0.000000	River	0	0	0.00	0	0	0.00
15	303593952	0.177824	18733796	0.000000	River	0	0	0.00	0	0	0.00
16	303771776	0.165472	18733796	0.000000	River	0	0	0.00	0	0	0.00
17	303937248	0.163584	18733796	0.142384	River	0	0	0.00	0	0	0.00
18	304100832	0.295392	18876180	0.207308	River	2	2880	0.76	4	5760	1.52
19	304396224	0.380004	19083488	0.222611	River	2	2880	0.76	4	5760	1.52
20	304776228	0.276668	19306099	0.309123	River	2	2880	0.76	4	5760	1.52
21	305052896	0.244352	19615222	0.358396	River	2	2880	0.76	4	5760	1.52
22	305297248	0.179456	19973618	0.300944	River	2	2880	0.76	4	5760	1.52
23	305476704	0.196000	20274562	0.303254	River	2	2880	0.76	4	5760	1.52
24	305672704	0.159520	20577816	0.296488	River	2	2880	0.76	4	5760	1.52
25	305832224	0.129376	20874304	0.244240	River	2	2880	0.76	4	5760	1.52
26	305961600	0.257312	21118544	0.240302	River	2	2880	0.76	4	5760	1.52
27	306218912	0.188768	21358846	0.253376	River	2	2880	0.76	4	5760	1.52
28	306407680	0.176832	21612222	0.260536	River	2	2880	0.76	4	5760	1.52
29	306584512	0.182016	21872758	0.238460	River	2	2880	0.76	4	5760	1.52
1st	306766528		22111218		River	2	2880	0.76	4	5760	1.52
Totals		6.074080		6.456401	Totals			18.64			52.11
Max		0.380004		0.485018	Max			1.90			7.23
Min		0.129376		0.000000	Min			0.00			0.00
Average		0.210431		0.222635	Average			0.64			1.80

Month of Feb 2016

			Influent		Influent			Inf		Effluent		Effl		
CL2 Res. mg/L	Dechlor Res. mol/L	Date	Rain	pH	Temp	BOD	BOD lbs	TSS	TSS lbs	Alkalinity	pH	Temp	BOD	BOD lbs
0.21	0.02	1	0.10											
0.19	0.04	2	0.10	6.84	10.5						7.11	10.0		
0.18	0.02	3	0.25											
0.16	0.02	4	0.00	6.74	11.7						7.08	10.3		
0.40	0.03	5	0.10											
0.46	0.03	6	0.00											
0.49	0.20	7	0.00											
0.47	0.01	8	0.00											
0.46	0.01	9	0.00											
0.47	0.02	10	0.10	6.78	11.8						6.92	11.3	6.8	0.9
		11	0.10	6.71	13.1	240.0	311.5	240.0	311.5					
		12	0.20											
		13	0.30											
		14	0.02											
		15	0.00											
		16	0.00	6.6	13.2									
		17	0.20											
0.83	0.04	18	0.40	6.58	12.6					68.0	6.97	11.8		
0.43	0.02	19	0.45											
0.36	0.01	20	0.00											
0.33	0.00	21	0.00											
0.35	0.02	22	0.00											
0.34	0.01	23	0.00	6.66	10.8						7.02	10.9		
0.34	0.00	24	0.00											
0.35	0.02	25	0.00	6.62	13.7						7.05	13.1		
0.36	0.06	26	0.50											
0.20	0.04	27	0.00											
0.20	0.03	28	0.05											
0.38	0.05	29	0.20											
		1st												
Totals			3.07											
0.83	0.20	Max	0.50	6.84	13.70	240.0	311.5	240.0	311.5		7.1	13.1	6.8	0.9
0.16	0.00	Min	0.00	6.58	10.50	240.0	311.5	240.0	311.5		6.9	10.0	6.8	0.9
0.36	0.03	Average	0.11	6.69	12.18	240.0	311.5	240.0	311.5		7.0	11.2	6.8	0.9

BOD Removal:

97.2

TSS Removal:

100.0

Month of Feb 2016

Jent	TSS	TSS lbs	Eff Alkalinity	E-Coil col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Gallons
						pH	Temp	pH	Temp	pH	Temp				
					1										
					2										
				1730	3										
				26	4										
				26	5							7.20	7.50	6.20	
				69	6							7.10	7.30	6.20	
				25	7										
				19	8										
					9										
0.0		0.0			10										
					11										
					12										
					13							6.60	6.80	6.30	
					14							6.65	6.90	6.40	
					15										
					16										
					17										
					18										
			50.0	1	19										
					20							6.55	7.10	6.85	
					21							6.90	7.10	6.50	
					22										
					23										
					24										
					25										
					26										
					27							6.65	6.85	6.00	
					28							6.60	6.80	5.95	
					29										
					1st										

0.0 0.0
0.0 0.0
0.0 0.0

Max
Min
Avg

0.00
0.00
0.00

0.00
0.00
0.00

0.00
0.00
0.00

0.00
0.00
0.00

0.00
0.00
0.00

0.00
0.00
0.00

7.20
6.55
6.78

7.50
6.80
7.04

6.85
5.95
6.30

geo mean
retest

33
29

26

26

69.00

25.0

19.00

26.00

pm,s

Average **2.4**

City Of Monroe Wastewater Treatment Plant Info

Month of March 2016

Page 1

Date	Influent		Discharge/Effluent		Dischar ge to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage		
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD		mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	306766528	0.217888	22111218	0.234994	River	2	2880	0.76	4	5760	1.52
2	306984416	0.291936	22346212	0.195580	River	2	2880	0.76	4	5760	1.52
3	307276352	0.204320	22541792	0.171374	River	2	2880	0.76	4	5760	1.52
4	307480672	0.218912	22713166	0.128488	River	2	2880	0.76	4	5760	1.52
5	307699584	0.420256	22841654	0.117154	River	2	2880	0.76	4	5760	1.52
6	308119840	0.583008	22958808	0.122446	River	2	2880	0.76	4	5760	1.52
7	308702848	0.373440	23081254	0.103882	River	2	2880	0.76	4	5760	1.52
8	309076288	0.359488	23185136	0.103956	River	2	2880	0.76	4	5760	1.52
9	309435776	0.612832	23289092	0.109078	River	2	2880	0.76	4	5760	1.52
10	310048608	0.441280	23398170	0.102934	River	2	2880	0.76	4	5760	1.52
11	310489888	0.412288	23501104	0.093100	River	2	2880	0.76	4	5760	1.52
12	310902176	0.509088	23594204	0.097744	River	2	2880	0.76	4	5760	1.52
13	311411264	0.677824	23691948	0.111330	River	2	2880	0.76	4	5760	1.52
14	312089088	0.663648	23803278	0.122830	River	2	2880	0.76	4	5760	1.52
15	312752736	0.480032	23926108	0.291322	River	2	2880	0.76	4	5760	1.52
16	313232768	0.396896	24217430	0.474236	River	2	2880	0.76	4	5760	1.52
17	313629664	0.225534	24691666	0.324533	River	5	7200	1.90	4	5760	1.52
18	313856198	0.244930	25016199	0.356280	River	5	7200	1.90	4	5760	1.52
19	314100128	0.209376	25372479	0.336255	River	5	7200	1.90	4	5760	1.52
20	314309504	0.496736	25708734	0.413234	River	5	7200	1.90	4	5760	1.52
21	314806240	0.624864	26121968	0.273374	River	5	7200	1.90	4	5760	1.52
22	315431104	0.494080	26395342	0.220068	River	5	7200	1.90	4	5760	1.52
23	315925184	0.365536	26615410	0.213214	River	5	7200	1.90	4	5760	1.52
24	316290720	0.265568	26828624	0.189190	River	5	7200	1.90	4	5760	1.52
25	316566288	0.236544	27017814	0.175722	River	5	7200	1.90	4	5760	1.52
26	316792832	0.235968	27193536	0.151046	River	5	7200	1.90	4	5760	1.52
27	317028800	0.230592	27344582	0.174490	River	5	7200	1.90	4	5760	1.52
28	317259392	0.177920	27519072	0.132508	River	5	7200	1.90	4	5760	1.52
29	317437312	0.156896	27661580	0.140632	River	5	7200	1.90	4	5760	1.52
30	317594208	0.141920	27792212	0.134390	River	5	7200	1.90	4	5760	1.52
31	317736128	0.125728	27926602	0.148966	River	5	7200	1.90	4	5760	1.52
1st	317861856		28075568								
Totals		10.969600	5.964350		Totals	40.70			47.17		
Max		0.677824	0.474236		Max	1.90			1.52		
Min		0.141920	0.093100		Min	0.76			1.52		
Average		0.365653	0.192398		Average	1.31			1.52		

Month of March 2016

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	
0.39	0.02	1	0.00	6.61	12.1					7.21	12.3				
0.40	0.04	2	0.50												
0.49	0.11	3	0.00	6.56	13.6					7.46	13.6				
0.54	0.02	4	0.30												
0.24	0.03	5	0.70												
0.22	0.01	6	0.30												
0.64	0.05	7	0.00												
0.68	0.05	8	0.50	6.68	10.5					7.78	11.7				
0.67	0.05	9	0.70			51.0	260.7	100.0	511.1			12.0	10.9	9.0	
0.68	0.03	10	0.20	6.68	12.8					41.0	7.69	12.5			
0.71	0.02	11	0.50												
0.23	0.02	12	0.90												
0.23	0.02	13	0.80												
0.63	0.02	14	0.50												
0.60	0.04	15	0.20	6.51	11.3					7.63	11.8				
0.09	0.05	16	0.00												
0.09	0.01	17	0.10	6.67	11.5					6.85	11.6				
0.35	0.00	18	0.00												
0.30	0.00	19	0.30												
0.36	0.02	20	0.70												
0.35	0.08	21	1.00												
0.73	0.04	22	0.10	6.38	11.9					7.76	12.8				
0.91	0.03	23	0.20												
0.86	0.08	24	0.00	6.64	13.4					8.03	13.4				
0.23	0.01	25	0.30												
0.23	0.03	26	0.10												
0.23	0.05	27	0.00												
1.06	0.02	28	0.10												
1.07	0.08	29	0.00	6.89	12.2	62.0	81.1			8.09	13.6	15.0	17.6		
1.02	0.01	30	0.00												
1.15	0.01	31	0.00	6.88	14.9					7.46	15.2				
		1st													
		Totals	9.00												
1.15	0.11			6.89	14.90	62.0	260.7	100.0	511.1	8.1	15.2	15.0	17.6	9.0	
0.09	0.00	Max	1.00	6.38	10.50	51.0	81.1	100.0	511.1	6.9	11.6	12.0	10.9	9.0	
0.53	0.03	Average	0.29	6.65	12.42	56.5	170.9	100.0	511.1	7.6	12.9	13.5	14.3	9.0	

BOD Removal: 76.1
TSS Removal: 91.0

Month of March 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
				pH	Temp	pH	Temp	pH	Temp				Overflow Gallons	Overflow Duration
		13	1											
			2											
			3											
			4											
			5							6.50	6.80	5.80		
			6							6.70	7.00	5.85		
			7											
			8											
8.2			9											
	53.0		10											
			11											
			12							7.40	7.40	6.50		
			13							7.60	7.90	6.60		
			14							7.80	8.20			
		2	15							8.20	8.40			
			16											
			17											
			18											
			19							5.80	6.20	7.70		
			20							5.85	6.10	7.70		
			21											
			22											
			23											
			24											
			25							6.90	7.10	7.50		
			26							6.90	7.10	7.50		
			27											
			28											
		1	29											
			30											
			31											
			1st											

8.2 Max 0.00 0.00 0.00 0.00 0.00 8.20 8.40 7.70
 8.2 Min 0.00 0.00 0.00 0.00 0.00 5.80 6.10 5.80
 8.2 Avg 6.97 7.22 6.89

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City Of Monroe Pump Station Info

Month of March 2016

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	6076.2	2.2	6627.5	3.0	275.3	0.0
2	6078.4	3.2	6630.5	4.1	275.3	0.2
3	6081.6	2.3	6634.6	2.8	275.5	0.0
4	6083.9	2.5	6637.4	3.6	275.5	0.0
5	6086.4	4.0	6641	7.3	275.5	0.0
6	6090.4	5.3	6648.3	10.2	275.5	0.0
7	6095.7	3.9	6658.5	5.2	275.5	0.0
8	6099.6	4.1	6663.7	4.8	275.5	0.0
9	6103.7	6.0	6668.5	9.3	275.5	0.3
10	6109.7	4.5	6677.8	7.5	275.8	0.0
11	6114.2	4.1	6685.3	6.6	275.8	0.0
12	6118.3	5.2	6691.9	9.2	275.8	0.0
13	6123.5	6.9	6701.1	11.8	275.8	0.0
14	6130.4	8.1	6712.9	8.6	275.8	0.0
15	6138.5	6.3	6721.5	6.7	275.8	0.0
16	6144.8	5.0	6728.2	5.1	275.8	0.2
17	6149.8	3.1	6733.3	3.2	276.0	0.0
18	6152.9	3.0	6736.5	3.0	276.0	0.0
19	6155.9	2.8	6739.5	2.8	276.0	0.0
20	6158.7	6.0	6742.3	6.2	276.0	0.0
21	6164.7	7.6	6748.5	8.1	276.0	0.0
22	6172.3	6.1	6756.6	6.3	276.0	0.0
23	6178.4	4.6	6762.9	4.5	276.0	0.3
24	6183	3.0	6767.4	3.2	276.3	0.0
25	6186	3.1	6770.6	3.1	276.3	0.0
26	6189.1	3.1	6773.7	3.0	276.3	0.0
27	6192.2	2.8	6776.7	2.9	276.3	0.0
28	6195	2.3	6779.6	2.3	276.3	0.0
29	6197.3	1.9	6781.9	2.0	276.3	0.0
30	6199.2	1.7	6783.9	1.7	276.3	0.2
31	6200.9	1.6	6785.6	1.6	276.5	0.0
1st	6202.5		6787.2		276.5	
Totals		126.3	159.7			1.2
Max		8.1	11.8			0.3
Min		1.6	5.3			0.0
Average		4.1				0.0

0

City Of Monroe Wastewater Treatment Plant Info

Month of April 2016

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		Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage		
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar ge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	317861856	0.112000	28075568	0.157950	River	5	7200	1.90	4	5760	1.52
2	317973856	0.097952	28233518	0.184660	River	5	7200	1.90	4	5760	1.52
3	318071808	0.153504	28418178	0.287178	River	5	7200	1.90	4	5760	1.52
4	318225312	0.139552	28705356	0.341260	River	5	7200	1.90	4	5760	1.52
5	318364864	0.098016	29046616	0.313202	River	5	7200	1.90	4	5760	1.52
6	318462880	0.102368	29359818	0.311242	River	5	7200	1.90	4	5760	1.52
7	318565248	0.111552	29671060	0.282336	River	5	7200	1.90	4	5760	1.52
8	318676800	0.093504	29953396	0.304602	River	5	7200	1.90	4	5760	1.52
9	318770304	0.090912	30257998	0.306742	River	5	7200	1.90	4	5760	1.52
10	318861216	0.107456	30564740	0.334818	River	5	7200	1.90	4	5760	1.52
11	318968672	0.118336	30899558	0.326934	River	5	7200	1.90	4	5760	1.52
12	319087008	0.066080	31226492	0.245204	River	5	7200	1.90	4	5760	1.52
13	319153088	0.185888	31471696	0.403764	River	5	7200	1.90	4	5760	1.52
14	319338976	0.223744	31875460	0.414454	River	5	7200	1.90	4	5760	1.52
15	319562720	0.105408	32289914	0.251394	River	5	7200	1.90	4	5760	1.52
16	319668128	0.178240	32541308	0.394656	River	5	7200	1.90	4	5760	1.52
17	319846368	0.174880	32935964	0.388918	River	5	7200	1.90	4	5760	1.52
18	320021248	0.100960	33324882	0.401298	River	5	7200	1.90	4	5760	1.52
19	320122208	0.104864	33726180	0.344772	River	5	7200	1.90	4	5760	1.52
20	320227072	0.079616	34070952	0.344244	River	5	7200	1.90	4	5760	1.52
21	320306688	0.228640	34415196	0.318303	River	5	7200	1.90	4	5760	1.52
22	320535328	0.280160	34733499	0.307101	River	5	7200	1.90	4	5760	1.52
23	320815488	0.166912	35040600	0.306972	River	5	7200	1.90	4	5760	1.52
24	320982400	0.164704	35347572	0.225588	River	5	7200	1.90	4	5760	1.52
25	321147104	0.132736	35573160	0.164888	River	5	7200	1.90	4	5760	1.52
26	321279840	0.146912	35738048	0.509860	River	5	7200	1.90	4	5760	1.52
27	321426752	0.105216	36247908	0.175876	River	5	7200	1.90	4	5760	1.52
28	321531968	0.089504	36423784	0.099860	River	6	8640	2.28	4	5760	1.52
29	321621472	0.123488	36523644	0.008264	River	6	8640	2.28	4	5760	1.52
30	321744960	0.075904	36531908	0.000000	River	0	0	0.00	0	0	0.00
1st	321820864		36531908								
Totals		3.959008	8.456340		Totals	55.92			44.13		
Max		0.280160	0.509860		Max	2.28			1.52		
Min		0.066080	0.000000		Min	0.00			0.00		
Average		0.131967	0.281878		Average	1.86			1.47		

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent		
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS
1.06	0.02	1	0.00											
0.19	0.01	2	0.00											
0.21	0.00	3	0.40											
0.44	0.04	4	0.00											
0.48	0.05	5	0.00	6.93	15.4					7.07	16.6			
0.46	0.06	6	0.00			137.0	117.0	184.0				9.0	23.4	0.0
0.48	0.00	7	0.00	6.99	15.8			157.1		6.94	17.4			
0.23	0.02	8	0.00											
0.23	0.01	9	0.00											
0.21	0.01	10	0.00											
0.53	0.04	11	0.00											
0.50	0.06	12	0.15	7.03	17.6				140.0	7.07	18.5			
0.58	0.05	13	0.80											
0.41	0.04	14	0.10	6.56	13.3					7.04	15.9			
0.43	0.04	15	0.00											
0.26	0.03	16	0.00											
0.24	0.04	17	0.00											
0.21	0.02	18	0.00											
0.34	0.03	19	0.00	6.99	18.9					7.27	20.8			
0.38	0.02	20	0.00											
0.37	0.07	21	1.20	6.99	17.7					7.10	20.1			
0.24	0.03	22	0.60											
0.24	0.07	23	0.20											
0.25	0.01	24	0.20											
0.69	0.02	25	0.00											
0.82	0.04	26	0.00	6.98	14.8					7.16	16.6			
0.21	0.00	27	0.00											
0.54	0.02	28	0.00	6.94	16					7.17	16.0			
0.84	0.04	29	0.10											
		30	0.00											
		1st												
		Totals	3.75											
1.06	0.07	Max	1.20	7.03	18.90	137.0	117.0	184.0		7.3	20.8	9.0	23.4	0.0
0.19	0.00	Min	0.00	6.56	13.30	137.0	117.0	184.0		6.9	15.9	9.0	23.4	0.0
0.42	0.03	Average	0.13	6.93	16.19	137.0	117.0	184.0		7.1	17.7	9.0	23.4	0.0

BOD Removal:

93.4

TSS Removal:

100.0

Month of April 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Cell #1			Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
			Date	pH	Temp	pH	Temp	pH	Temp				Overflow Gallons	Overflow Duration
			1							6.60	6.80	7.30		
			2							6.60	6.80	7.30		
			3							6.60	6.80	7.30		
			4											
			5											
0.0			6											
			7											
			8											
			9							5.80	6.00	6.80		
			10							5.70	5.85	6.65		
			11											
	50.0	1	12											
			13											
			14											
			15							5.10	5.30	6.20		
			16							5.10	5.30	6.00		
			17											
			18											
			19											
			20											
			21											
			22											
			23							4.80	5.10	5.40		
			24							5.30	5.05	4.90		
			25											
		1	26											
			27											
			28											
			29											
			30											
			1st							4.30	4.50	5.00		

0.0 Max 0.00 0.00 0.00 0.00 0.00 0.00 6.60 6.80 7.30
 0.0 Min 0.00 0.00 0.00 0.00 0.00 0.00 4.30 4.50 4.90
 0.0 Avg 5.48 5.63 6.17

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City Of Monroe Pump Station Info

Month of April 2016

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	6202.5	1.3	6787.2	1.4	276.5	0.0
2	6203.8	1.3	6788.6	1.3	276.5	0.0
3	6205.1	1.8	6789.9	1.8	276.5	0.0
4	6206.9	1.5	6791.7	1.5	276.5	0.0
5	6208.4	1.3	6793.2	1.3	276.5	0.0
6	6209.7	1.3	6794.5	1.2	276.5	0.3
7	6211	1.1	6795.7	1.1	276.8	0.0
8	6212.1	1.1	6796.8	1.2	276.8	0.0
9	6213.2	1.1	6798	1.1	276.8	0.1
10	6214.3	1.2	6799.1	1.2	276.9	0.0
11	6215.5	1.1	6800.3	1.2	276.9	0.0
12	6216.6	0.8	6801.5	0.8	276.9	0.0
13	6217.4	1.6	6802.3	1.6	276.9	0.3
14	6219	2.7	6803.9	2.7	277.2	0.0
15	6221.7	0.9	6806.6	0.9	277.2	0.0
16	6222.6	1.2	6807.5	1.2	277.2	0.0
17	6223.8	1.1	6808.7	1.1	277.2	0.0
18	6224.9	1.0	6809.8	1.1	277.2	0.0
19	6225.9	1.0	6810.9	0.9	277.2	0.0
20	6226.9	0.8	6811.8	0.9	277.2	0.3
21	6227.7	2.3	6812.7	2.4	277.5	0.0
22	6230	3.2	6815.1	3.1	277.5	0.0
23	6233.2	1.8	6818.2	1.9	277.5	0.0
24	6235	1.9	6820.1	1.9	277.5	0.0
25	6236.9	1.5	6822	1.4	277.5	0.0
26	6238.4	1.2	6823.4	1.3	277.5	0.0
27	6239.6	1.3	6824.7	1.3	277.5	0.2
28	6240.9	1.1	6826	1.1	277.7	0.0
29	6242	1.0	6827.1	1.0	277.7	0.0
30	6243	0.9	6828.1	1.0	277.7	0.0
1st	6243.9		6829.1		277.7	

0

Totals	41.4	41.9	1.2
Max	3.2	3.1	0.3
Min	0.8	0.8	0.0
Average	1.4	1.4	0.0

City Of Monroe Wastewater Treatment Plant Info

Month of May 2016

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Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage				
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	321820864	0.101632	36531908	0.000000	River		0	0.00		0	0.00
2	321922496	0.105504	36531908	0.000000	River		0	0.00		0	0.00
3	322028000	0.077952	36531908	0.000000	River		0	0.00		0	0.00
4	322105952	0.099360	36531908	0.000000	River		0	0.00		0	0.00
5	322205312	0.095488	36531908	0.000000	River		0	0.00		0	0.00
6	322300800	0.077792	36531908	0.000000	River		0	0.00		0	0.00
7	322378592	0.058464	36531908	0.000000	River		0	0.00		0	0.00
8	322437056	0.085920	36531908	0.000000	River		0	0.00		0	0.00
9	322522976	0.099264	36531908	0.000000	River		0	0.00		0	0.00
10	322622240	0.071104	36531908	0.000000	River		0	0.00		0	0.00
11	322693344	0.076512	36531908	0.000000	River		0	0.00		0	0.00
12	322769856	0.075808	36531908	0.000000	River		0	0.00		0	0.00
13	322845664	0.219904	36531908	0.000000	River		0	0.00		0	0.00
14	323065568	0.121952	36531908	0.000000	River		0	0.00		0	0.00
15	323187520	0.057760	36531908	0.000000	River		0	0.00		0	0.00
16	323245280	0.089472	36531908	0.000000	River		0	0.00		0	0.00
17	323334752	0.089696	36531908	0.000000	River		0	0.00		0	0.00
18	323424448	0.067776	36531908	0.000000	River		0	0.00		0	0.00
19	323492224	0.089248	36531908	0.000000	River		0	0.00		0	0.00
20	323581472	0.063232	36531908	0.000000	River		0	0.00		0	0.00
21	323644704	0.094592	36531908	0.000000	River		0	0.00		0	0.00
22	323739296	0.035904	36531908	0.000000	River		0	0.00		0	0.00
23	323775200	0.085120	36531908	0.000000	River		0	0.00		0	0.00
24	323860320	0.130816	36531908	0.000000	River		0	0.00		0	0.00
25	323991136	0.053600	36531908	0.000000	River		0	0.00		0	0.00
26	324044736	0.069408	36531908	0.000000	River		0	0.00		0	0.00
27	324114144	0.083552	36531908	0.000000	River		0	0.00		0	0.00
28	324197696	0.053760	36531908	0.000000	River		0	0.00		0	0.00
29	324251456	0.063136	36531908	0.000000	River		0	0.00		0	0.00
30	324314592	0.040736	36531908	0.000000	River		0	0.00		0	0.00
31	324355328	0.075296	36531908	0.000000	River		0	0.00		0	0.00
1st	324430624		36531908				0	0.00		0	0.00
Totals		2.534464		0.000000	Totals			0.00			0.00
Max		0.219904		0.000000	Max			0.00			0.00
Min		0.035904		0.000000	Min			0.00			0.00
Average		0.084482		0.000000	Average			0.00			0.00

Monroe WWTP
Month of May 2016

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS
		1	0.00												
		2	0.00												
		3	0.10	6.97	18.2										
		4	0.05			467.0	387.0	234.0	193.9						
		5	0.00	7	17.4										
		6	0.00												
		7	0.00												
		8	0.00												
		9	0.00												
		10	0.00	6.89	18.7										
		11	0.00												
		12	0.00	6.99	20.3				147.0						
		13	1.30												
		14	0.05												
		15	0.00												
		16	0.00												
		17	0.00	6.86	17.9										
		18	0.15												
		19	0.00	7.29	17										
		20	0.00												
		21	0.07												
		22	0.00												
		23	0.00												
		24	0.00	6.97	18.1										
		25	0.00												
		26	0.00	7.75	18.1										
		27	0.00												
		28	0.00												
		29	0.00												
		30	0.00												
		31	0.00	6.73	20.9										
		1st													
		Totals	1.72												
0.00	0.00	Max	1.30	7.75	20.90	467.0	387.0	234.0	193.9	0.0	0.0	0.0	0.0	0.0	0.0
0.00	0.00	Min	0.00	6.73	17.00	467.0	387.0	234.0	193.9	0.0	0.0	0.0	0.0	0.0	0.0
#DIV/0!	#DIV/0!	Average	0.06	7.05	18.51	467.0	387.0	234.0	193.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BOD Removal:
TSS Removal:

#DIV/0!
#DIV/0!

Month of May 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Cell #1			Cell #2			Cell #3			Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
			Date	pH	Temp	pH	Temp	pH	Temp	pH	Temp				Overflow	Duration
			1									4.00	4.60	5.00		
			2													
			3													
			4													
			5													
			6													
			7									3.60	5.20	5.00		
			8									3.69	5.30	5.00		
			9													
			10													
			11													
			12													
			13													
			14									3.20	6.10	5.00		
			15									3.20	6.20	5.10		
			16													
			17													
			18													
			19													
			20													
			21									3.10	6.70	5.10		
			22									3.10	6.70	5.10		
			23													
			24													
			25													
			26													
			27													
			28									2.90	7.00	5.00		
			29									2.90	7.00	5.00		
			30													
			31													
			1st													

0.0 Max 0.00 0.00 0.00 0.00 0.00 0.00 4.00 7.00 5.10
 0.0 Min 0.00 0.00 0.00 0.00 0.00 0.00 2.90 4.60 5.00
 #DIV/0! Avg 3.30 6.09 5.03

geo mean #NUM!

City Of Monroe Pump Station Info

Month of May 2016

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pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6243.9	1.1	6829.1	1.1	277.7	0.0
2	6245	1.0	6830.2	0.9	277.7	0.0
3	6246	0.9	6831.1	1.0	277.7	0.0
4	6246.9	1.0	6832.1	1.0	277.7	0.3
5	6247.9	0.8	6833.1	0.8	278.0	0.0
6	6248.7	0.9	6833.9	0.8	278.0	0.0
7	6249.6	0.7	6834.7	0.8	278.0	0.0
8	6250.3	0.8	6835.5	0.9	278.0	0.0
9	6251.1	0.8	6836.4	0.7	278.0	0.0
10	6251.9	0.7	6837.1	0.7	278.0	0.0
11	6252.6	0.7	6837.8	0.8	278.0	0.2
12	6253.3	0.7	6838.6	0.7	278.2	0.0
13	6254	2.5	6839.3	2.4	278.2	0.0
14	6256.5	1.5	6841.7	1.7	278.2	0.0
15	6258	0.4	6843.4	0.4	278.2	0.0
16	6258.4	1.0	6843.8	1.0	278.2	0.0
17	6259.4	0.8	6844.8	0.8	278.2	0.0
18	6260.2	0.8	6845.6	0.8	278.2	0.3
19	6261	0.7	6846.4	0.7	278.5	0.0
20	6261.7	0.7	6847.1	0.7	278.5	0.0
21	6262.4	1.1	6847.8	1.1	278.5	0.0
22	6263.5	0.3	6848.9	0.3	278.5	0.0
23	6263.8	0.7	6849.2	0.7	278.5	0.0
24	6264.5	0.7	6849.9	0.7	278.5	0.2
25	6265.2	0.5	6850.6	0.5	278.7	0.0
26	6265.7	0.6	6851.1	0.6	278.7	0.0
27	6266.3	0.9	6851.7	0.9	278.7	0.0
28	6267.2	0.5	6852.6	0.6	278.7	0.0
29	6267.7	0.8	6853.2	0.8	278.7	0.0
30	6268.5	0.3	6854	0.3	278.7	0.0
31	6268.8	0.6	6854.3	0.6	278.7	0.0
1st	6269.4		6854.9		278.7	
Totals	25.5		25.8			1.0
Max	2.5		2.4			0.3
Min	0.3		0.3			0.0
Average	0.8		0.8			0.0

0

City Of Monroe Wastewater Treatment Plant Info

Month of June 2016

Page 1

Date	Influent		Discharge/Effluent		Discharge to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage		
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD		mls per min.	mls per day	lbs Used	mls per Min	mls per day	Dechlor lbs Used
1	324430624	0.032352	36531908	0.000000	River		0	0.00		0	0.00
2	324462976	0.064128	36531908	0.000000	River		0	0.00		0	0.00
3	324527104	0.048768	36531908	0.000000	River		0	0.00		0	0.00
4	324575872	0.048640	36531908	0.000000	River		0	0.00		0	0.00
5	324624512	0.048736	36531908	0.000000	River		0	0.00		0	0.00
6	324673248	0.075456	36531908	0.000000	River		0	0.00		0	0.00
7	324748704	0.066048	36531908	0.000000	River		0	0.00		0	0.00
8	324814752	0.048448	36531908	0.000000	River		0	0.00		0	0.00
9	324863200	0.065088	36531908	0.000000	River		0	0.00		0	0.00
10	324928288	0.051072	36531908	0.000000	River		0	0.00		0	0.00
11	324979360	0.048448	36531908	0.000000	River		0	0.00		0	0.00
12	325027808	0.046304	36531908	0.000000	River		0	0.00		0	0.00
13	325074112	0.046112	36531908	0.000000	River		0	0.00		0	0.00
14	325120224	0.067488	36531908	0.000000	River		0	0.00		0	0.00
15	325187712	0.043712	36531908	0.000000	River		0	0.00		0	0.00
16	325231424	0.066656	36531908	0.000000	River		0	0.00		0	0.00
17	325298080	0.048960	36531908	0.000000	River		0	0.00		0	0.00
18	325347040	0.084896	36531908	0.000000	River		0	0.00		0	0.00
19	325431936	0.067904	36531908	0.000000	River		0	0.00		0	0.00
20	325499840	0.074560	36531908	0.000000	River		0	0.00		0	0.00
21	325574400	0.048192	36531908	0.000000	River		0	0.00		0	0.00
22	325622592	0.043648	36531908	0.000000	River		0	0.00		0	0.00
23	325666240	0.072832	36531908	0.000000	River		0	0.00		0	0.00
24	325739072	0.041344	36531908	0.000000	River		0	0.00		0	0.00
25	325780416	0.048384	36531908	0.000000	River		0	0.00		0	0.00
26	325828800	0.045824	36531908	0.000000	River		0	0.00		0	0.00
27	325874624	0.063584	36531908	0.000000	River		0	0.00		0	0.00
28	325938208	0.041312	36531908	0.000000	River		0	0.00		0	0.00
29	325979520	0.068192	36531908	0.000000	River		0	0.00		0	0.00
30	326047712	0.041696	36531908	0.000000	River		0	0.00		0	0.00
1st	326089408		36531908								
Totals		1.658784		0.000000	Totals			0.00			0.00
Max		0.084896		0.000000	Max			0.00			0.00
Min		0.032352		0.000000	Min			0.00			0.00
Average		0.055293		0.000000	Average			0.00			0.00

Month of June 2016

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent			TSS lbs	Inf Alkalinity	Effluent		Effluent		
				pH	Temp	BOD	BOD lbs	TSS			pH	Temp	BOD	BOD lbs	TSS
		1	0.00												
		2	0.00	6.87	20.2										
		3	0.00												
		4	0.00												
		5	0.00												
		6	0.00												
		7	0.00	7.19	22.1										
		8	0.00												
		9	0.00	6.9	21.6										
		10	0.01												
		11	0.00												
		12	0.00												
		13	0.00												
		14	0.01	6.88	18.9										
		15	0.02			324.0	118.1	344.0	125.4						
		16	0.00	7.16	18.2					76.0					
		17	0.09												
		18	0.08												
		19	0.00												
		20	0.00												
		21	0.00	7.38	19.5										
		22	0.00												
		23	0.00	7.28	20.1										
		24	0.00												
		25	0.00												
		26	0.00												
		27	0.00						380.0						
		28	0.00	7.56	20.8										
		29	0.00												
		30	0.00	7.46	20.4										
		1st													
		Totals	0.21												
0.00	0.00	Max	0.09	7.56	22.10	324.0	118.1	344.0	380.0		0.0	0.0	0.0	0.0	0.0
0.00	0.00	Min	0.00	6.87	18.20	324.0	118.1	344.0	125.4		0.0	0.0	0.0	0.0	0.0
#DIV/0!	#DIV/0!	Average	0.01	7.19	20.20	324.0	118.1	344.0	252.7		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BOD Removal:

#DIV/0!

TSS Removal:

#DIV/0!

Month of June 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Cell #1			Cell #2			Cell #3			Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
			Date	pH	Temp	pH	Temp		pH	Temp					Overflow Gallons	Overflow Duration
			1									2.80	7.10	4.90		
			2													
			3													
			4													
			5													
			6													
			7													
			8													
			9									2.60	7.30	4.80		
			10													
			11													
			12													
			13													
			14									2.60	7.40	4.80		
			15													
			16													
			17													
			18													
			19													
			20													
			21													
			22									2.30	7.70	4.80		
			23													
			24													
			25													
			26													
			27													
			28													
			29									2.00	7.85	4.60		
			30													
			1st													

0.0 Max 0.00 0.00 0.00 0.00 0.00 0.00 2.80 7.85 4.90
 0.0 Min 0.00 0.00 0.00 0.00 0.00 0.00 2.00 7.10 4.60
 #DIV/0! Avg 2.46 7.47 4.78

geo mean #NUM!

City Of Monroe Pump Station Info

Month of June 2016

Page 1

pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6269.4	0.3	6854.9	0.3	278.7	0.4
2	6269.7	0.6	6855.2	0.5	279.1	0.0
3	6270.3	0.5	6855.7	0.6	279.1	0.0
4	6270.8	0.6	6856.3	0.5	279.1	0.0
5	6271.4	0.5	6856.8	0.6	279.1	0.0
6	6271.9	0.5	6857.4	0.6	279.1	0.0
7	6272.4	0.6	6858	0.5	279.1	0.2
8	6273	0.5	6858.5	0.5	279.3	0.0
9	6273.5	0.5	6859	0.6	279.3	0.0
10	6274	0.6	6859.6	0.5	279.3	0.0
11	6274.6	0.5	6860.1	0.6	279.3	0.0
12	6275.1	0.5	6860.7	0.5	279.3	0.0
13	6275.6	0.5	6861.2	0.5	279.3	0.0
14	6276.1	0.5	6861.7	0.5	279.3	0.0
15	6276.6	0.5	6862.2	0.4	279.3	0.3
16	6277.1	0.4	6862.6	0.5	279.6	0.0
17	6277.5	0.5	6863.1	0.5	279.6	0.0
18	6278	0.9	6863.6	1.0	279.6	0.0
19	6278.9	0.8	6864.6	0.7	279.6	0.0
20	6279.7	0.5	6865.3	0.5	279.6	0.0
21	6280.2	0.5	6865.8	0.6	279.6	0.0
22	6280.7	0.5	6866.4	0.4	279.6	0.2
23	6281.2	0.5	6866.8	0.6	279.8	0.0
24	6281.7	0.5	6867.4	0.4	279.8	0.0
25	6282.2	0.5	6867.8	0.6	279.8	0.0
26	6282.7	0.5	6868.4	0.5	279.8	0.0
27	6283.2	0.5	6868.9	0.4	279.8	0.0
28	6283.7	0.4	6869.3	0.4	279.8	0.0
29	6284.1	0.5	6869.7	0.5	279.8	0.3
30	6284.6	0.4	6870.2	0.5	280.1	0.0
1st	6285		6870.7		280.1	
Totals	15.6		15.8			1.4
Max	0.9		1.0			0.4
Min	0.3		0.3			0.0
Average	0.5		0.5			0.0

0

City Of Monroe Wastewater Treatment Plant Info

Month of July 2016

Page 1

Date	Influent		Discharge/Effluent		Dischar ge to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage		
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD		mis per min.	mis per day	lbs Used	mis per Min	mis per day	Dechlor lbs Used
1	326089408	0.062496	36531908	0.000000	River		0	0.00		0	0.00
2	326151904	0.039200	36531908	0.000000	River		0	0.00		0	0.00
3	326191104	0.034592	36531908	0.000000	River		0	0.00		0	0.00
4	326225696	0.039360	36531908	0.000000	River		0	0.00		0	0.00
5	326265056	0.050432	36531908	0.000000	River		0	0.00		0	0.00
6	326315488	0.065568	36531908	0.000000	River		0	0.00		0	0.00
7	326381056	0.053856	36531908	0.000000	River		0	0.00		0	0.00
8	326434912	0.055584	36531908	0.000000	River		0	0.00		0	0.00
9	326490496	0.039264	36531908	0.000000	River		0	0.00		0	0.00
10	326529760	0.059520	36531908	0.000000	River		0	0.00		0	0.00
11	326589280	0.063840	36531908	0.000000	River		0	0.00		0	0.00
12	326653120	0.046560	36531908	0.000000	River		0	0.00		0	0.00
13	326699680	0.058720	36531908	0.000000	River		0	0.00		0	0.00
14	326758400	0.088480	36531908	0.000000	River		0	0.00		0	0.00
15	326846880	0.045952	36531908	0.000000	River		0	0.00		0	0.00
16	326892832	0.034752	36531908	0.000000	River		0	0.00		0	0.00
17	326927584	0.039200	36531908	0.000000	River		0	0.00		0	0.00
18	326966784	0.061056	36531908	0.000000	River		0	0.00		0	0.00
19	327027840	0.036832	36531908	0.000000	River		0	0.00		0	0.00
20	327064672	0.036832	36531908	0.000000	River		0	0.00		0	0.00
21	327101504	0.065600	36531908	0.000000	River		0	0.00		0	0.00
22	327167104	0.044928	36531908	0.000000	River		0	0.00		0	0.00
23	327212032	0.034528	36531908	0.000000	River		0	0.00		0	0.00
24	327246560	0.036736	36531908	0.000000	River		0	0.00		0	0.00
25	327283296	0.079104	36531908	0.000000	River		0	0.00		0	0.00
26	327362400	0.088800	36531908	0.000000	River		0	0.00		0	0.00
27	327451200	0.044288	36531908	0.000000	River		0	0.00		0	0.00
28	327495488	0.086560	36531908	0.000000	River		0	0.00		0	0.00
29	327582048	0.034528	36531908	0.000000	River		0	0.00		0	0.00
30	327616576	0.052928	36531908	0.000000	River		0	0.00		0	0.00
31	327669504	0.067808	36531908	0.000000	River		0	0.00		0	0.00
1st	327737312		36531908		River		0	0.00		0	0.00
Totals		1.580096		0.000000				0.00			0.00
Max		0.088800		0.000000				0.00			0.00
Min		0.034528		0.000000				0.00			0.00
Average		0.052670		0.000000				0.00			0.00

Month of July 2016

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent				Inf Alkalinity	Effluent		Effluent			
				pH	Temp	BOD	BOD lbs	TSS	TSS lbs		pH	Temp	BOD	BOD lbs	TSS	
		1	0.00													
		2	0.00													
		3	0.00													
		4	0.00													
		5	0.00	7.59	20											
		6	0.00													
		7	0.10	7.51	21.2											
		8	0.00													
		9	0.00				0.0									
		10	0.50													
		11	0.00													
		12	0.00													
		13	0.00	7.39	21.1											
		14	0.00	6.96	22											
		15	0.00													
		16	0.00													
		17	0.00													
		18	0.00													
		19	0.00	7.39	21.1											
		20	0.00													
		21	0.00	7.57	22.1											
		22	0.00													
		23	0.00													
		24	0.00													
		25	0.00													
		26	0.00	7.25	23											
		27	0.00			310.0	114.5	380.0	140.4							
		28	0.00	6.8	27.2					57.0						
		29	0.00													
		30	0.00													
		31	0.00													
		1st														
Totals				0.60												
0.00	0.00	Max	0.50	7.59	27.20	310.0	114.5	380.0	140.4		0.0	0.0	0.0	0.0	0.0	0.0
0.00	0.00	Min	0.00	6.80	20.00	310.0	0.0	380.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
#DIV/0!	#DIV/0!	Average	0.02	7.31	22.21	310.0	57.3	380.0	70.2		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BOD Removal:

#DIV/0!

TSS Removal:

#DIV/0!

[illegible]

	Max	0.00	0.00	0.00	1.80	8.20	4.40
Min	0.00	0.00	0.00	0.00	1.80	7.90	4.30
Avg					1.80	8.10	4.36

City Of Monroe Pump Station Info

Month of July 2016

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	6285	0.4	6870.7	0.4	280.1	0.0
2	6285.4	0.5	6871.1	0.4	280.1	0.0
3	6285.9	0.3	6871.5	0.4	280.1	0.0
4	6286.2	0.5	6871.9	0.4	280.1	0.0
5	6286.7	0.4	6872.3	0.5	280.1	0.0
6	6287.1	0.4	6872.8	0.4	280.1	0.2
7	6287.5	0.5	6873.2	0.5	280.3	0.0
8	6288	0.4	6873.7	0.4	280.3	0.0
9	6288.4	0.4	6874.1	0.5	280.3	0.0
10	6288.8	0.7	6874.6	0.6	280.3	0.0
11	6289.5	0.6	6875.2	0.6	280.3	0.0
12	6290.1	0.4	6875.8	0.5	280.3	0.0
13	6290.5	0.5	6876.3	0.4	280.3	0.3
14	6291	0.5	6876.7	0.5	280.6	0.0
15	6291.5	0.4	6877.2	0.4	280.6	0.0
16	6291.9	0.3	6877.6	0.4	280.6	0.0
17	6292.2	0.5	6878	0.4	280.6	0.0
18	6292.7	0.4	6878.4	0.5	280.6	0.0
19	6293.1	0.4	6878.9	0.4	280.6	0.0
20	6293.5	0.4	6879.3	0.4	280.6	0.2
21	6293.9	0.4	6879.7	0.4	280.8	0.0
22	6294.3	0.4	6880.1	0.3	280.8	0.0
23	6294.7	0.3	6880.4	0.4	280.8	0.0
24	6295	0.4	6880.8	0.4	280.8	0.0
25	6295.4	0.4	6881.2	0.4	280.8	0.0
26	6295.8	0.4	6881.6	0.5	280.8	0.0
27	6296.2	0.4	6882.1	0.3	280.8	0.3
28	6296.6	0.4	6882.4	0.4	281.1	0.3
29	6297	0.4	6882.8	0.4	281.4	0.0
30	6297.4	0.4	6883.2	0.3	281.4	0.0
31	6297.8	0.3	6883.5	0.4	281.4	0.0
1st	6298.1		6883.9		281.4	
Totals		13.1	13.2		1.3	
Max		0.7	0.6		0.3	
Min		0.3	0.3		0.0	
Average		0.4	0.4		0.0	

0

City Of Monroe Wastewater Treatment Plant Info

Month of August 2016

Page 1

Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage				
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	327737312	0.036768	36531908	0.000000	River		0	0.00		0	0.00
2	327774080	0.036608	36531908	0.000000	River		0	0.00		0	0.00
3	327810688	0.066112	36531908	0.000000	River		0	0.00		0	0.00
4	327876800	0.077760	36531908	0.000000	River		0	0.00		0	0.00
5	327964560	0.065024	36531908	0.000000	River		0	0.00		0	0.00
6	328019584	0.036768	36531908	0.000000	River		0	0.00		0	0.00
7	328066352	0.034560	36531908	0.000000	River		0	0.00		0	0.00
8	328090912	0.084992	36531908	0.000000	River		0	0.00		0	0.00
9	328175904	0.083808	36531908	0.000000	River		0	0.00		0	0.00
10	328259712	0.039808	36531908	0.000000	River		0	0.00		0	0.00
11	328299520	0.039168	36531908	0.000000	River		0	0.00		0	0.00
12	328338688	0.070048	36531908	0.000000	River		0	0.00		0	0.00
13	328408736	0.032256	36531908	0.000000	River		0	0.00		0	0.00
14	328440992	0.039296	36531908	0.000000	River		0	0.00		0	0.00
15	328480288	0.072640	36531908	0.000000	River		0	0.00		0	0.00
16	328552928	0.039264	36531908	0.000000	River		0	0.00		0	0.00
17	328592192	0.065696	36531908	0.000000	River		0	0.00		0	0.00
18	328657888	0.034432	36531908	0.000000	River		0	0.00		0	0.00
19	328692320	0.064768	36531908	0.000000	River		0	0.00		0	0.00
20	328757088	0.041152	36531908	0.000000	River		0	0.00		0	0.00
21	328798240	0.037120	36531908	0.000000	River		0	0.00		0	0.00
22	328835360	0.076032	36531908	0.000000	River		0	0.00		0	0.00
23	328911392	0.034592	36531908	0.000000	River		0	0.00		0	0.00
24	328945984	0.056544	36531908	0.000000	River		0	0.00		0	0.00
25	329002528	0.037088	36531908	0.000000	River		0	0.00		0	0.00
26	329039616	0.070336	36531908	0.000000	River		0	0.00		0	0.00
27	329109952	0.034528	36531908	0.000000	River		0	0.00		0	0.00
28	329144480	0.034624	36531908	0.000000	River		0	0.00		0	0.00
29	329179104	0.073568	36531908	0.000000	River		0	0.00		0	0.00
30	329252672	0.034656	36531908	0.000000	River		0	0.00		0	0.00
31	329287328	0.070208	36531908	0.000000	River		0	0.00		0	0.00
1st	329357536		36531908		River		0	0.00		0	0.00
Totals		1.550016		0.000000	Totals			0.00			0.00
Max		0.084992		0.000000	Max			0.00			0.00
Min		0.032256		0.000000	Min			0.00			0.00
Average		0.051667		0.000000	Average			0.00			0.00

Month of August 2016

CL2 Res. mg/L	Dechlor Res. mol/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	
		1	0.00												
		2	0.00	7.07	23.7										
		3	0.00												
		4	0.00	6.76	25.4										
		5	0.00												
		6	0.00												
		7	0.00												
		8	0.00												
		9	0.00	7.53	20.9	348.0	243.2	394.0	275.4						
		10	0.00												
		11	0.00	7.6	21.8				208.0						
		12	0.00												
		13	0.00												
		14	0.00												
		15	0.00												
		16	0.00	7.55	22.6										
		17	0.00												
		18	0.00												
		19	0.00	6.78	27.2										
		20	0.00												
		21	0.00												
		22	0.00												
		23	0.00												
		24	0.00												
		25	0.00	7.4	22.6										
		26	0.00	7.11	25.8										
		27	0.00												
		28	0.00												
		29	0.00												
		30	0.00												
		31	0.05	7.57	22.1										
		1st													
		Totals	0.05												
0.00	0.00	Max	0.05	7.60	27.20	348.0	243.2	394.0	275.4	0.0	0.0	0.0	0.0	0.0	
0.00	0.00	Min	0.00	6.76	20.90	348.0	243.2	394.0	275.4	0.0	0.0	0.0	0.0	0.0	
#DIV/0!	#DIV/0!	Average	0.00	7.26	23.57	348.0	243.2	394.0	275.4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

BOD Removal:

TSS Removal:

#DIV/0!

#DIV/0!

Month of August 2016

Month of August 2016														Overflow Events	
TSS lbs	Eff Alkalinity	E-Coil col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Gallons	Overflow Duration	
				pH	Temp	pH	Temp	pH	Temp						
			1												
			2												
			3						5.20	5.80	4.10				
			4												
			5												
			6												
			7												
			8												
			9												
			10						6.10	6.30	4.00				
			11												
			12												
			13												
			14												
			15												
			16												
			17						6.00	6.25	3.80				
			18												
			19												
			20												
			21												
			22												
			23												
			24												
			25						6.00	6.30	3.80				
			26												
			27												
			28												
			29												
			30												
			31						6.00	6.30	3.65				
			1st												

0.0
0.0
#DIV/0!

Max 0.00
Min 0.00
Avg 0.00

6.10
5.20
5.86

geo mean #NUM!

City Of Monroe Pump Station Info

Month of August 2016

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pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6298.1	0.4	6683.9	0.4	281.4	0.0
2	6298.5	0.4	6684.3	0.4	281.4	0.0
3	6298.9	0.4	6684.7	0.4	281.4	100.3
4	6299.3	0.4	6685.1	0.4	381.7	-100.0
5	6299.7	0.4	6685.5	0.4	281.7	0.0
6	6300.1	0.4	6685.9	0.4	281.7	0.0
7	6300.5	0.3	6686.3	0.4	281.7	0.0
8	6300.8	0.5	6686.7	0.4	281.7	0.0
9	6301.3	0.5	6687.1	0.5	281.7	0.0
10	6301.8	0.4	6687.6	0.5	281.7	0.2
11	6302.2	0.5	6688.1	0.3	281.9	0.0
12	6302.7	0.4	6688.4	0.4	281.9	0.0
13	6303.1	0.3	6688.8	0.4	281.9	0.0
14	6303.4	0.4	6689.2	0.4	281.9	0.0
15	6303.8	0.4	6689.6	0.4	281.9	0.0
16	6304.2	0.4	6890	0.4	281.9	0.0
17	6304.6	0.4	6890.4	0.4	281.9	0.3
18	6305	0.4	6890.8	0.4	282.2	0.0
19	6305.4	0.3	6891.2	0.3	282.2	0.0
20	6305.7	0.4	6891.5	0.4	282.2	0.0
21	6306.1	0.4	6891.9	0.4	282.2	0.0
22	6306.5	0.4	6892.3	0.4	282.2	0.0
23	6306.9	0.3	6892.7	0.4	282.2	0.3
24	6307.2	0.4	6893.1	0.4	282.5	0.0
25	6307.6	0.4	6893.5	0.3	282.5	0.0
26	6308	0.4	6893.8	0.4	282.5	0.0
27	6308.4	0.3	6894.2	0.4	282.5	0.0
28	6308.7	0.4	6894.6	0.4	282.5	0.0
29	6309.1	0.4	6895	0.3	282.5	0.0
30	6309.5	0.3	6895.3	0.4	282.5	0.3
31	6309.8	0.4	6895.7	0.4	282.8	0.0
1st	6310.2		6896.1		282.8	

0

Totals 12.1
 Max 0.5
 Min 0.3
 Average 0.4

12.2
 0.5
 0.3
 0.4

1.4
 100.3
 -100.0
 0.0

City Of Monroe Wastewater Treatment Plant Info

Month of September 2016

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Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage				
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	329357536	0.074496	36531908	0.000000	River		0	0.00		0	0.00
2	329432032	0.070144	36531908	0.000000	River		0	0.00		0	0.00
3	329502176	0.032224	36531908	0.000000	River		0	0.00		0	0.00
4	329534400	0.032320	36531908	0.000000	River		0	0.00		0	0.00
5	329566720	0.035008	36531908	0.000000	River		0	0.00		0	0.00
6	329601728	0.074592	36531908	0.000000	River		0	0.00		0	0.00
7	329676320	0.038464	36531908	0.000000	River		0	0.00		0	0.00
8	329714784	0.034912	36531908	0.000000	River		0	0.00		0	0.00
9	329749696	0.070976	36531908	0.000000	River		0	0.00		0	0.00
10	329820672	0.039456	36531908	0.000000	River		0	0.00		0	0.00
11	329860128	0.037312	36531908	0.000000	River		0	0.00		0	0.00
12	329897440	0.064896	36531908	0.000000	River		0	0.00		0	0.00
13	329962336	0.080736	36531908	0.000000	River		0	0.00		0	0.00
14	330043072	0.041984	36531908	0.000000	River		0	0.00		0	0.00
15	330085056	0.079936	36531908	0.000000	River		0	0.00		0	0.00
16	330164992	0.081472	36531908	0.000000	River		0	0.00		0	0.00
17	330246464	0.041344	36531908	0.000000	River		0	0.00		0	0.00
18	330287808	0.042080	36531908	0.000000	River		0	0.00		0	0.00
19	330329888	0.068928	36531908	0.000000	River		0	0.00		0	0.00
20	330398816	0.070976	36531908	0.000000	River		0	0.00		0	0.00
21	330469792	0.037056	36531908	0.000000	River		0	0.00		0	0.00
22	330506848	0.076672	36531908	0.000000	River		0	0.00		0	0.00
23	330583520	0.039520	36531908	0.000000	River		0	0.00		0	0.00
24	330623040	0.035008	36531908	0.000000	River		0	0.00		0	0.00
25	330658048	0.042144	36531908	0.000000	River		0	0.00		0	0.00
26	330700192	0.034816	36531908	0.000000	River		0	0.00		0	0.00
27	330735008	0.075264	36531908	0.000000	River		0	0.00		0	0.00
28	330810272	0.034944	36531908	0.000000	River		0	0.00		0	0.00
29	330845216	0.084480	36531908	0.000000	River		0	0.00		0	0.00
30	330929696	0.054784	36531908	0.000000	River		0	0.00		0	0.00
1st	330984480		36531908		River		0	0.00		0	0.00
Totals		1.626944		0.000000	Totals			0.00			0.00
Max		0.084480		0.000000	Max			0.00			0.00
Min		0.032224		0.000000	Min			0.00			0.00
Average		0.054231		0.000000	Average			0.00			0.00

Month of September 2016

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS
		1	0.00	7.72	21.8										
		2	0.00												
		3	0.00												
		4	0.00												
		5	0.10												
		6	0.10	7.75	20.9										
		7	0.00			246.0	78.9	321.0	103.0						
		8	0.00												
		9	0.00	6.57	20.3										
		10	0.00												
		11	0.00												
		12	0.00												
		13	0.00												
		14	0.00	7.41	20.8										
		15	0.00	7.31	22.8										
		16	0.00												
		17	0.20												
		18	0.00												
		19	0.00	6.71	19.6										
		20	0.00												
		21	0.00	7.79	20.1										
		22	0.05						227.0						
		23	0.00												
		24	0.00												
		25	0.00												
		26	0.00												
		27	0.00												
		28	0.00	7.74	20.5										
		29	0.00	7.3	22.4										
		30	0.00												
		1st													
		Totals	0.45												
0.00	0.00	Max	0.20	7.79	22.80	246.0	78.9	321.0	103.0	0.0	0.0	0.0	0.0	0.0	0.0
0.00	0.00	Min	0.00	6.57	19.60	246.0	78.9	321.0	103.0	0.0	0.0	0.0	0.0	0.0	0.0
#DIV/0!	#DIV/0!	Average	0.02	7.37	21.02	246.0	78.9	321.0	103.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BOD Removal:

TSS Removal:

#DIV/0!

#DIV/0!

Month of September 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
				pH	Temp	pH	Temp	pH	Temp				Overflow Gallons	Overflow Duration
			1											
			2											
			3											
			4											
			5											
			6											
			7							6.20	6.40	3.60		
			8											
			9											
			10											
			11											
			12											
			13											
			14							6.30	6.50	3.50		
			15											
			16											
			17											
			18											
			19											
			20											
			21							6.50	6.65	3.50		
			22											
			23											
			24											
			25											
			26											
			27											
			28							6.60	6.70	3.40		
			29											
			30											
			1st											

0.0

0.0

#DIV/0!

geo mean

#NUM!

Max

Mfn

Avg

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

6.60

6.20

6.40

6.70

6.40

6.56

3.60

3.40

3.50

City Of Monroe Pump Station Info

Month of September 2016

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	6310.2	0.4	6896.1	0.3	282.8	0.0
2	6310.6	0.4	6896.4	0.4	282.8	0.0
3	6311	0.3	6896.8	0.4	282.8	0.0
4	6311.3	0.3	6897.2	0.3	282.8	0.0
5	6311.6	0.4	6897.5	0.4	282.8	0.0
6	6312	0.4	6897.9	0.3	282.8	0.0
7	6312.4	0.4	6898.2	0.4	282.8	0.2
8	6312.8	0.3	6898.6	0.4	283.0	0.0
9	6313.1	0.4	6899	0.3	283.0	0.0
10	6313.5	0.4	6899.3	0.5	283.0	0.0
11	6313.9	0.4	6899.8	0.4	283.0	0.0
12	6314.3	0.4	6900.2	0.4	283.0	0.0
13	6314.7	0.4	6900.6	0.4	283.0	0.0
14	6315.1	0.5	6901	0.5	283.0	0.3
15	6315.6	0.4	6901.5	0.4	283.3	0.0
16	6316	0.4	6901.9	0.4	283.3	0.0
17	6316.4	0.4	6902.3	0.4	283.3	0.0
18	6316.8	0.4	6902.7	0.5	283.3	0.0
19	6317.2	0.5	6903.2	0.4	283.3	0.0
20	6317.7	0.4	6903.6	0.4	283.3	0.0
21	6318.1	0.4	6904	0.4	283.3	0.3
22	6318.5	0.4	6904.4	0.4	283.6	0.0
23	6318.9	0.4	6904.8	0.3	283.6	0.0
24	6319.3	0.3	6905.1	0.4	283.6	0.0
25	6319.6	0.5	6905.5	0.5	283.6	0.0
26	6320.1	0.3	6906	0.3	283.6	0.0
27	6320.4	0.4	6906.3	0.4	283.6	0.0
28	6320.8	0.4	6906.7	0.4	283.6	0.2
29	6321.2	0.3	6907.1	0.4	283.8	0.0
30	6321.5	0.4	6907.5	0.3	283.8	0.0
1st	6321.9		6907.8		283.8	

0

Totals	11.7	11.7
Max	0.5	0.5
Min	0.3	0.3
Average	0.4	0.4

City Of Monroe Wastewater Treatment Plant Info

Month of October 2016

Page 1

Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage				
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	330984480	0.035296	36531908	0.000000	River		0	0.00		0	0.00
2	331019776	0.058784	36531908	0.000000	River		0	0.00		0	0.00
3	331078560	0.044544	36531908	0.000000	River		0	0.00		0	0.00
4	331123104	0.075072	36531908	0.000000	River		0	0.00		0	0.00
5	331198176	0.093728	36531908	0.000000	River		0	0.00		0	0.00
6	331291904	0.082560	36531908	0.000000	River		0	0.00		0	0.00
7	331374464	0.083168	36531908	0.000000	River		0	0.00		0	0.00
8	331457632	0.054624	36531908	0.000000	River		0	0.00		0	0.00
9	331512256	0.047040	36531908	0.000000	River		0	0.00		0	0.00
10	331559296	0.094784	36531908	0.000000	River		0	0.00		0	0.00
11	331654080	0.072288	36531908	0.000000	River		0	0.00		0	0.00
12	331726368	0.044512	36531908	0.000000	River		0	0.00		0	0.00
13	331770880	0.291360	36531908	0.000000	River		0	0.00		0	0.00
14	332062240	0.351232	36531908	0.000000	River		0	0.00		0	0.00
15	332413472	0.402784	36531908	0.000000	River		0	0.00		0	0.00
16	332816256	0.421984	36531908	0.000000	River		0	0.00		0	0.00
17	333238240	0.590848	36531908	0.000000	River		0	0.00		0	0.00
18	333829088	0.476992	36531908	0.000000	River		0	0.00		0	0.00
19	334306080	0.208896	36531908	0.000000	River		0	0.00		0	0.00
20	334514976	0.264288	36531908	0.000000	River		0	0.00		0	0.00
21	334779264	0.180384	36531908	0.000000	River		0	0.00		0	0.00
22	334959648	0.160224	36531908	0.000000	River		0	0.00		0	0.00
23	335119872	0.138432	36531908	0.000000	River		0	0.00		0	0.00
24	335258304	0.157600	36531908	0.000000	River		0	0.00		0	0.00
25	335415904	0.118976	36531908	0.000000	River		0	0.00		0	0.00
26	335534880	0.501792	36531908	0.000000	River		0	0.00		0	0.00
27	336036672	0.609856	36531908	0.000000	River		0	0.00		0	0.00
28	336646528	0.294080	36531908	0.000000	River		0	0.00		0	0.00
29	336940608	0.195296	36531908	0.000000	River		0	0.00		0	0.00
30	337135904	0.222208	36531908	0.000000	River		0	0.00		0	0.00
31	337358112	0.612832	36531908	0.000000	River		0	0.00		0	0.00
1st	337970944		36531908								
Totals		6.373632		0.000000	Totals			0.00			0.00
Max		0.609856		0.000000	Max			0.00			0.00
Min		0.035296		0.000000	Min			0.00			0.00
Average		0.212454		0.000000	Average			0.00			0.00

CL2 Res. mg/L	Dechlor. Res. mol/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS
		1	0.30												
		2	0.30												
		3	0.20												
		4	0.60	6.84	16.7										
		5	0.10			128.0	100.1	98.0							
		6	0.40	6.55	19.2			76.6							
		7	0.20												
		8	0.00												
		9	0.00												
		10	0.00												
		11	0.00	7.33	19.6										
		12	0.60												
		13	2.20												
		14	1.30	6.87	16.1				28.0						
		15	1.30												
		16	1.40												
		17	0.60												
		18	0.17	6.8	16.8										
		19	0.03												
		20	0.66	6.8	14.6										
		21	0.02												
		22	0.03												
		23	0.01												
		24	0.45												
		25	0.70	7.09	16										
		26	1.00												
		27	0.40	6.63	14.8										
		28	0.00												
		29	0.30												
		30	1.00												
		31	0.10												
		1st													
		Totals	14.37												
0.00	0.00	Max	2.20	7.33	19.60	128.0	100.1	98.0		0.0	0.0	0.0	0.0	0.0	0.0
0.00	0.00	Min	0.00	6.55	14.60	128.0	100.1	98.0		0.0	0.0	0.0	0.0	0.0	0.0
#DIV/0!	#DIV/0!	Average	0.46	6.86	16.73	128.0	100.1	98.0		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BOD Removal:

TSS Removal:

#DIV/0!
#DIV/0!

Month of October 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
				pH	Temp	pH	Temp	pH	Temp				Overflow Gallons	Overflow Duration
			1											
			2											
			3											
			4											
			5							5.80	6.40	3.90		
			6											
			7											
			8											
			9											
			10											
			11											
			12							4.65	4.85	4.90		
			13											
			14											
			15											
			16											
			17											
			18											
			19							6.00	6.40	6.50		
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27							6.10	6.65	7.50		
			28											
			29											
			30											
			31											
			1st											

0.0 Max 0.00 0.00 0.00 0.00 0.00 0.00 6.10 6.65 7.50
 0.0 Min 0.00 0.00 0.00 0.00 0.00 0.00 4.65 4.85 3.90
 #DIV/0! Avg 5.64 6.08 5.70

geo mean #NUM!

City Of Monroe Pump Station Info

Month of October 2016

Page 1

pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6321.9	0.4	6907.8	0.4	283.8	0.0
2	6322.3	0.6	6908.2	0.6	283.8	0.0
3	6322.9	0.5	6908.8	0.5	283.8	0.0
4	6323.4	0.5	6909.3	0.5	283.8	0.0
5	6323.9	1.0	6909.8	1.0	283.8	0.3
6	6324.9	0.6	6910.8	0.7	284.1	0.0
7	6325.5	0.9	6911.5	0.9	284.1	0.0
8	6326.4	0.6	6912.4	0.6	284.1	0.0
9	6327	0.5	6913	0.4	284.1	0.0
10	6327.5	0.7	6913.4	0.8	284.1	0.0
11	6328.2	0.6	6914.2	0.5	284.1	0.0
12	6328.8	0.4	6914.7	0.5	284.1	0.2
13	6329.2	2.9	6915.2	3.3	284.3	0.0
14	6332.1	3.7	6918.5	3.7	284.3	0.0
15	6335.8	4.3	6922.2	4.5	284.3	0.0
16	6340.1	4.7	6926.7	4.6	284.3	0.0
17	6344.8	6.5	6931.3	6.2	284.3	0.0
18	6351.3	5.2	6937.5	5.2	284.3	0.0
19	6356.5	2.3	6942.7	2.4	284.3	0.3
20	6358.8	2.8	6945.1	2.7	284.6	0.0
21	6361.6	2.1	6947.8	2.2	284.6	0.0
22	6363.7	1.9	6950	1.9	284.6	0.0
23	6365.6	1.6	6951.9	1.7	284.6	0.0
24	6367.2	1.5	6953.6	1.5	284.6	0.0
25	6368.7	1.4	6955.1	1.4	284.6	0.0
26	6370.1	5.4	6956.5	5.9	284.6	0.2
27	6375.5	6.6	6962.4	6.7	284.8	0.0
28	6382.1	3.1	6969.1	3.1	284.8	0.0
29	6385.2	2.2	6972.2	2.4	284.8	0.0
30	6387.4	2.5	6974.6	2.6	284.8	0.0
31	6389.9	8.3	6977.2	9.1	284.8	0.0
1st	6398.2		6986.3		284.8	
Totals		76.3	78.5		1.0	
Max		8.3	9.1		0.3	
Min		0.4	0.4		0.0	
Average		2.5	2.3		0.0	

0

City Of Monroe Wastewater Treatment Plant Info

Month of November 2016

Page 1

Influent		Discharge/Effluent			Hypo 12.5% Usage			Calcium Thiosulfate Usage			
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mts per min.	mts per day	lbs Used	mts per Min	mts per day	Dechlor lbs Used
1	337970944	0.263104	36531908	0.262640	River	7	10080	2.66	13	18720	4.95
2	338234048	0.182304	36794548	0.481552	River	7	10080	2.66	13	18720	4.95
3	338416352	0.164224	37276100	0.472884	River	8	11520	3.04	13	18720	4.95
4	338580576	0.155264	37748984	0.319756	River	8	11520	3.04	13	18720	4.95
5	338735840	0.304160	38068740	0.000000	River	0	0	0.00	0	0	0.00
6	339040000	0.295104	38068740	0.000000	River	0	0	0.00	0	0	0.00
7	339335104	0.214976	38068740	0.285916	River	8	11520	3.04	13	18720	4.95
8	339550080	0.155040	38354656	0.478332	River	9	12960	3.42	13	18720	4.95
9	339705120	0.146976	38832988	0.475576	River	9	12960	3.42	13	18720	4.95
10	339852096	0.144160	39308564	0.334772	River	9	12960	3.42	13	18720	4.95
11	339996256	0.117632	39643336	0.000000	River		0	0.00		0	0.00
12	340113888	0.135744	39643336	0.000000	River		0	0.00		0	0.00
13	340249632	0.128512	39643336	0.000000	River		0	0.00		0	0.00
14	340378144	0.193824	39643336	0.295948	River	9	12960	3.42	13	18720	4.95
15	340571968	0.274592	39939284	0.476548	River	9	12960	3.42	13	18720	4.95
16	340846560	0.224608	40415832	0.466559	River	9	12960	3.42	13	18720	4.95
17	341071168	0.172672	40882391	0.462229	River	8	11520	3.04	13	18720	4.95
18	341243840	0.160032	41344620	0.332812	River	7	10080	2.66	11	15840	4.18
19	341403872	0.150176	41677432	0.000000	River		0	0.00		0	0.00
20	341554048	0.209600	41677432	0.000000	River		0	0.00		0	0.00
21	341763648	0.266784	41677432	0.283988	River	5	7200	1.90	11	15840	4.18
22	342030432	0.225280	41961420	0.463536	River	5	7200	1.90	11	15840	4.18
23	342255712	0.375744	42424956	0.455372	River	5	7200	1.90	11	15840	4.18
24	342631456	0.456896	42880328	0.451860	River	5	7200	1.90	11	15840	4.18
25	343088352	0.931616	43332188	0.443480	River	5	7200	1.90	11	15840	4.18
26	344019968	0.449696	43775668	0.442604	River	5	7200	1.90	11	15840	4.18
27	344469664	0.351232	44218272	0.442140	River	5	7200	1.90	11	15840	4.18
28	344820896	0.326336	44660412	0.434216	River	5	7200	1.90	11	15840	4.18
29	345147232	0.253504	45094628	0.433892	River	5	7200	1.90	11	15840	4.18
30	345400736	0.276384	45528520	0.426504	River	5	7200	1.90	11	15840	4.18
1st	345677120		45955024								
Totals		7.706176	9.423116		Totals	59.72			105.37		
Max		0.931616	0.481552		Max	3.42			4.95		
Min		0.117632	0.000000		Min	0.00			0.00		
Average		0.256873	0.314104		Average	1.99			3.51		

Monroe WWTP
Month of November 2016

			Influent		Influent			Inf		Effluent		Effluent			
CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	pH	Temp	BOD	BOD lbs	TSS	TSS lbs	Alkalinity	pH	Temp	BOD	BOD lbs	TSS
0.25	0.04	1	0.00	6.82	14.6						7.21	14.2			
..3	0.04	2	0.00												
0.41	0.05	3	0.00												
0.39	0.02	4	0.00	7.04	14.8						7.14	13.7			
		5	0.80												
		6	0.00												
0.39	0.02	7	0.00												
0.36	0.08	8	0.00	6.94	17						7.19	14.4			
0.37	0.05	9	0.00												
0.35	0.02	10	0.00	7.12	16.1						7.16	14.3			
		11	0.05												
		12	0.10												
		13	0.12												
0.03	0.02	14	0.20												
0.37	0.03	15	0.33	6.91	15.3						7.17	13.8			
0.37	0.02	16	0.09			111.0	207.9	84.0	157.4				12.0	46.7	7.0
0.67	0.00	17	0.01	7.04	14.9						7.27	12.5			
0.60	0.03	18	0.10												
		19	0.06												
		20	0.38												
0.43	0.05	21	0.11												
0.44	0.06	22	0.23	6.93	13.1						7.29	11.4			
0.37	0.03	23	0.42	6.81	11.7					37.0	7.32	11.7			
0.43	0.03	24	0.97												
0.47	0.05	25	0.76												
0.44	0.09	26	0.21												
0.41	0.04	27	0.13												
0.42	0.01	28	0.07												
0.38	0.00	29	0.03	6.88	13.2						7.41	10.4			
0.41	0.03	30	0.06												
		1st													
Totals			5.23												
0.67	0.09	Max	0.97	7.12	17.00	111.0	207.9	84.0	157.4		7.4	14.4	12.0	46.7	7.0
0.03	0.00	Min	0.00	6.81	11.70	111.0	207.9	84.0	157.4		7.1	10.4	12.0	46.7	7.0
0.40	0.04	Average	0.17	6.94	14.52	111.0	207.9	84.0	157.4		7.2	12.9	12.0	46.7	7.0

BOD Removal:

TSS Removal:

89.2

91.7

Month of November 2016

TSS lbs	Eff Alkalinity	E-Coli col/100ml	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
			Date	pH	Temp	pH	Temp	pH	Temp			Overflow Gallons	Overflow Duration
			1							6.95	7.30	7.90	
			2										
			3										
			4										
			5										
			6										
			7										
		44	8										
			9							6.70	7.10	7.70	
			10										
			11										
			12										
			13										
			14										
			15										
27.2			16							6.60	6.90	7.65	
			17										
			18										
			19										
			20										
			21										
			22										
	65.0	41	23							6.40	6.90	7.35	
			24										
			25										
			26										
			27							7.45	7.95	7.20	
			28										
			29										
			30							7.35	7.80	7.05	
			1st										

27.2
27.2
27.2Max
Min
Avg0.00
0.00
0.000.00
0.00
0.000.00
0.00
0.000.00
0.00
0.000.00
0.00
0.000.00
0.00
0.007.45
6.40
6.917.95
6.90
7.337.90
7.05
7.48

geo mean

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City Of Monroe Pump Station Info

Month of November 2016

Page 1

pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	6398.2	2.8	6986.3	2.9	284.8	0.0
2	6401	2.1	6989.2	2.2	284.8	0.4
3	6403.1	1.9	6991.4	1.9	285.2	0.0
4	6405	1.7	6993.3	1.6	285.2	0.0
5	6406.7	3.6	6994.9	3.9	285.2	0.0
6	6410.3	3.2	6998.8	3.3	285.2	0.0
7	6413.5	1.7	7002.1	2.1	285.2	0.0
8	6415.2	2.2	7004.2	1.9	285.2	0.0
9	6417.4	1.7	7006.1	1.6	285.2	0.2
10	6419.1	1.4	7007.7	1.5	285.4	0.0
11	6420.5	1.4	7009.2	1.4	285.4	0.0
12	6421.9	1.5	7010.6	1.6	285.4	0.0
13	6423.4	1.5	7012.2	1.5	285.4	0.0
14	6424.9	2.0	7013.7	2.0	285.4	0.0
15	6426.9	3.1	7015.7	3.2	285.4	0.0
16	6430	2.5	7018.9	2.5	285.4	0.3
17	6432.5	1.9	7021.4	2.0	285.7	0.0
18	6434.4	1.7	7023.4	1.7	285.7	0.0
19	6436.1	1.8	7025.1	1.8	285.7	0.0
20	6437.9	2.4	7026.9	2.5	285.7	0.0
21	6440.3	2.7	7029.4	2.7	285.7	0.0
22	6443	2.4	7032.1	2.5	285.7	0.0
23	6445.4	3.8	7034.6	3.9	285.7	0.0
24	6449.2	6.0	7038.5	6.9	285.7	0.2
25	6455.2	15.2	7045.4	14.6	285.9	0.0
26	6470.4	4.9	7060	5.2	285.9	0.0
27	6475.3	3.9	7065.2	4.0	285.9	0.0
28	6479.2	3.6	7069.2	3.7	285.9	0.0
29	6482.8	2.8	7072.9	2.9	285.9	0.0
30	6485.6	2.8	7075.8	2.8	285.9	0.3
1st	6488.4		7078.6		286.2	

0

Totals	90.2	92.3	1.4
Max	15.2	14.6	0.4
Min	1.4	1.4	0.0
Average	3.0	3.1	0.0

City Of Monroe Wastewater Treatment Plant Info

Month of December 2016

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Influent		Discharge/Effluent		Discharge go to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage			
Date	Chart #1 to Lagoon	MGD	Chart #2 to River		MGD	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	345677120	0.240416	45955024	0.420388	River	5	7200	1.90	11	15840	4.18
2	345917536	0.201216	46375412	0.351148	River	5	7200	1.90	11	15840	4.18
3	346118752	0.163008	46726560	0.000000	River	0	0	0.00	0	0	0.00
4	346281760	0.324928	46726560	0.000000	River	0	0	0.00	0	0	0.00
5	346606688	0.279392	46726560	0.188232	River	5	7200	1.90	10	14400	3.80
6	346886080	0.335200	46914792	0.438876	River	5	7200	1.90	9	12960	3.42
7	347221280	0.224768	47353668	0.431876	River	5	7200	1.90	9	12960	3.42
8	347446048	0.385568	47785544	0.431236	River	5	7200	1.90	8	11520	3.04
9	347831616	0.406432	48216780	0.309380	River	5	7200	1.90	8	11520	3.04
10	348238048	0.478528	48526160	0.000000	River	0	0	0.00	0	0	0.00
11	348716576	0.648992	48526160	0.000000	River	0	0	0.00	0	0	0.00
12	349365568	0.433760	48526160	0.246168	River	5	7200	1.90	7	10080	2.66
13	349799328	0.355040	48772328	0.450768	River	5	7200	1.90	5	7200	1.90
14	350154368	0.570624	49223096	0.445620	River	5	7200	1.90	4	5760	1.52
15	350724992	0.457856	49668716	0.443824	River	5	7200	1.90	4	5760	1.52
16	351182848	0.366720	50112540	0.445700	River	5	7200	1.90	4	5760	1.52
17	351549568	0.293856	50558240	0.445440	River	5	7200	1.90	4	5760	1.52
18	351843424	0.265760	51003680	0.444828	River	5	7200	1.90	4	5760	1.52
19	352109184	0.316800	51448508	0.454004	River	5	7200	1.90	4	5760	1.52
20	352425984	0.509536	51902512	0.443184	River	5	7200	1.90	4	5760	1.52
21	352935520	0.362496	52345696	0.433204	River	5	7200	1.90	4	5760	1.52
22	353298016	0.326176	52778900	0.317736	River	5	7200	1.90	4	5760	1.52
23	353624192	0.296992	53096636	0.000000	River	0	0	0.00	0	0	0.00
24	353921184	0.253472	53096636	0.000000	River	0	0	0.00	0	0	0.00
25	354174656	0.212448	53096636	0.000000	River	0	0	0.00	0	0	0.00
26	354387104	0.203488	53096636	0.000000	River	0	0	0.00	0	0	0.00
27	354590592	0.298240	53096636	0.286428	River	5	7200	1.90	4	5760	1.52
28	354888832	0.230784	53383064	0.464400	River	6	8640	2.28	4	5760	1.52
29	355119616	0.251328	53847464	0.463332	River	6	8640	2.28	5	7200	1.90
30	355370944	0.242016	54310796	0.460276	River	6	8640	2.28	5	7200	1.90
31	355612960	0.177664	54771072	0.448012	River	6	8640	2.28	5	7200	1.90
1st	355790624		55219084								
Totals		9.935840		9.264060	Totals	45.27			52.11		
Max		0.648992		0.464400	Max	2.28			4.18		
Min		0.163008		0.000000	Min	0.00			0.00		
Average		0.331195		0.298841	Average	1.46			1.68		

Monroe WWTP
Month of December 2016

CL ₂ Res. mg/L	Dechlor. Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent		
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS
0.35	0.01	1	0.04	6.98	11.6					7.42	9.9			
0.36	0.00	2	0.01											
		3	0.01											
		4	0.45											
0.37	0.00	5	0.21	6.89	11.1					7.33	8.9			
0.36	0.04	6	0.12											
0.38	0.01	7	0.00	6.97	9.6					7.40	7.3			
0.03	0.03	8	0.40											
0.40	0.02	9	0.26											
		10	0.34											
		11	0.56											
0.36	0.00	12	0.01	6.52	11.7					7.20	8.5			
0.38	0.00	13	0.61											
0.40	0.05	14	0.00	6.92	10				37.0	7.34	7.0			
0.40	0.04	15	0.11			43.0	164.2	86.0				3.0	11.1	2.0
0.38	0.05	16	0.03											
0.36	0.02	17	0.00											
0.37	0.03	18	0.00											
0.38	0.02	19	0.20	6.85	8					7.28	5.4			
0.38	0.02	20	0.35											
0.37	0.03	21	0.00	6.77	8.3					7.27	5.8			
0.38	0.03	22	0.03											
		23	0.07											
		24	0.01											
		25	0.00											
		26	0.18											
0.35	0.02	27	0.13	6.86	8.9					7.35	6.3			
0.50	0.09	28	0.01	6.84	9					7.44	6.2			
0.51	0.06	29	0.00											
0.52	0.05	30	0.07											
0.50	0.07	31	0.01									0.0		
		1st												
Totals		4.22	0.61	6.98	11.70	43.0	164.2	86.0		7.4	9.9	3.0	11.1	2.0
0.52	0.09	Max	0.00	6.52	8.00	43.0	164.2	86.0		7.2	5.4	3.0	0.0	2.0
0.03	0.00	Min	0.14	6.84	9.80	43.0	164.2	86.0		7.3	7.3	3.0	5.6	2.0
0.38	0.03	Average												

BOD Removal: 93.0
TSS Removal: 97.7

Month of December 2016

Month of December 2016													Overflow Events	
TSS lbs	Eff Alkalinity	E-Coil col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Gallons	Overflow Duration
				pH	Temp	pH	Temp	pH	Temp					
			1											
			2											
			3											
			4											
			5											
		55	6							6.85	7.30	7.20		
			7							6.85	7.25	7.15		
			8											
			9											
			10											
			11											
			12											
			13											
	63.0		14							7.45	7.95	7.40		
7.4			15											
			16											
			17											
			18											
			19											
			20											
		111	21							7.20	7.70	7.30		
			22											
			23											
			24											
			25											
			26											
			27											
			28							6.90	7.30	7.70		
			29											
			30											
			31											
0.0			1st											

7.4 Max 0.00 0.00 0.00 0.00 0.00 0.00 7.45 7.95 7.70
 0.0 Min 0.00 0.00 0.00 0.00 0.00 0.00 6.85 7.25 7.15
 3.7 Avg 7.05 7.50 7.35

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City Of Monroe Pump Station Info

Month of December 2016

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	6488.4	2.4	7078.6	2.5	286.2	0.0
2	6490.8	2.2	7081.1	2.2	286.2	0.0
3	6493	1.9	7083.3	2.0	286.2	0.0
4	6494.9	4.0	7085.3	4.0	286.2	0.0
5	6498.9	3.3	7089.3	3.4	286.2	0.0
6	6502.2	3.6	7092.7	3.7	286.2	0.0
7	6505.8	2.7	7096.4	2.7	286.2	0.3
8	6508.5	4.6	7099.1	4.7	286.5	0.0
9	6513.1	4.4	7103.8	4.5	286.5	0.0
10	6517.5	5.5	7108.3	5.6	286.5	0.0
11	6523	7.5	7113.9	7.7	286.5	0.0
12	6530.5	4.8	7121.6	4.9	286.5	0.0
13	6535.3	3.7	7126.5	3.8	286.5	0.0
14	6539	10.1	7130.3	5.7	286.5	2.4
15	6549.1	10.4	7136	0.0	288.9	0.0
16	6559.5	5.4	7136	2.5	288.9	0.0
17	6564.9	3.4	7138.5	3.4	288.9	0.0
18	6568.3	3.0	7141.9	3.1	288.9	0.0
19	6571.3	3.2	7145	3.4	288.9	0.0
20	6574.5	5.6	7148.4	5.7	288.9	0.0
21	6580.1	4.0	7154.1	4.0	288.9	0.3
22	6584.1	3.5	7158.1	3.5	289.2	0.0
23	6587.6	3.4	7161.6	3.6	289.2	0.0
24	6591	3.1	7165.2	3.1	289.2	0.0
25	6594.1	2.6	7168.3	2.6	289.2	0.0
26	6596.7	2.6	7170.9	2.7	289.2	0.0
27	6599.3	3.5	7173.6	3.7	289.2	0.0
28	6602.8	-95.1	7177.3	2.9	289.2	0.3
29	6507.7	100.6	7180.2	2.6	289.5	0.0
30	6608.3	2.4	7182.8	2.5	289.5	0.0
31	6610.7	2.3	7185.3	2.3	289.5	0.0
1st	6613		7187.6		289.5	
Totals	124.6		109.0			3.3
Max	100.6		7.7			2.4
Min	-95.1		0.0			0.0
Average	4.0		3.6			0.1

0

City Of Monroe Wastewater Treatment Plant Info

Month of Jan 2017

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Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage			Dechlor Res.			
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mls per min.	mls per day	lbs Used	mls per Min	mls per day	Dechlor lbs Used	Cl2 Res. mg/L	Dechlor Res. mg/L
1	355790624	0.300032	55219084	0.445524	River	6	8640	2.28	5	7200	1.90	0.53	0.03
2	356090656	0.288832	55664608	0.436120	River	6	8640	2.28	5	7200	1.90	0.53	0.06
3	356379488	0.242048	56100728	0.431764	River	6	8640	2.28	5	7200	1.90	0.54	0.09
4	356621536	0.209984	56532492	0.418452	River	6	8640	2.28	6	8640	2.28	0.55	0.05
5	356831520	0.199840	56950944	0.419220	River	6	8640	2.28	6	8640	2.28	0.56	0.03
6	357031360	0.165560	57370164	0.413848	River	6	8640	2.28	6	8640	2.28	0.60	0.04
7	357196920	0.163784	57784012	0.404228	River	6	8640	2.28	6	8640	2.28		
8	357360704	0.459808	58188240	0.409288	River	6	8640	2.28	6	8640	2.28	0.57	0.03
9	357820512	0.960416	58597528	0.413828	River	6	8640	2.28	6	8640	2.28	0.59	0.03
10	358780928	1.054208	59011356	0.528364	River	6	8640	2.28	6	8640	2.28	0.52	0.03
11	359835136	0.665088	59539720	0.775180	River	6	8640	2.28	6	8640	2.28	0.46	0.04
12	360500224	0.425280	60314900	0.431552	River	6	8640	2.28	6	8640	2.28	0.52	0.02
13	360925504	0.345600	60746452	0.317856	River	6	8640	2.28	6	8640	2.28	0.52	0.02
14	361271104	0.306016	61064308	0.000000	River		0	0.00		0	0.00		
15	361577120	0.271136	61064308	0.000000	River		0	0.00		0	0.00		
16	361848256	0.258592	61064308	0.000000	River		0	0.00		0	0.00		
17	362106848	0.321760	61064308	0.295568	River	6	8640	2.28	6	8640	2.28	0.48	0.02
18	362428608	0.868256	61359876	0.482816	River	6	8640	2.28	6	8640	2.28	0.46	0.01
19	363296864	0.590848	61842692	0.473364	River	6	8640	2.28	6	8640	2.28	0.49	0.02
20	363887712	0.529312	62316056	0.559228	River	6	8640	2.28	6	8640	2.28	0.49	0.03
21	364417024	0.523792	62875284	0.792416	River	9	12960	3.42	6	8640	2.28	0.40	0.04
22	364940816	0.602000	63667700	0.784616	River	9	12960	3.42	6	8640	2.28	0.38	0.01
23	365542816	0.397568	64452316	0.773008	River	9	12960	3.42	6	8640	2.28	0.38	0.05
24	365940384	0.305280	65225324	0.759000	River	9	12960	3.42	6	8640	2.28	0.41	0.05
25	366245664	0.271780	65984324	0.735724	River	9	12960	3.42	6	8640	2.28	0.41	0.03
26	366517444	0.291772	66720048	0.708360	River	9	12960	3.42	6	8640	2.28	0.42	0.04
27	366809216	0.262432	67428408	0.486008	River	9	12960	3.42	6	8640	2.28	0.45	0.07
28	367071648	0.223136	67914416	0.000000	River		0	0.00		0	0.00		
29	367294784	0.211168	67914416	0.000000	River		0	0.00		0	0.00		
30	367505952	0.192704	67914416	0.431144	River	9	12960	3.42	6	8640	2.28	0.43	0.07
31	367698656	0.226240	68345560	0.699672	River	10	14400	3.80	6	8640	2.28	0.60	0.16
1st	367924896		69045232										
Totals		11.908032		13.826148	Totals		69.99			58.20			
Max		1.054208		0.792416	Max		3.80			2.28		0.60	0.16
Min		0.163784		0.000000	Min		0.00			0.00		0.38	0.01
Average		0.396934		0.446005	Average		2.26			1.88		0.49	0.04

Month of Jan 2017

Date	Rain	Influent		Influent			Inf	Effluent		Effluent				Eff	E-Coli
		pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS lbs		
1	0.38														
2	0.05														
3	0.04	6.90	7.2					7.37	5.7						22
4	0.00	7.04	6.8					7.48	4.5						
5	0.00														
6	0.00														
7	0.00														
8	0.20														
9	0.95	6.57	5.7					7.39	5.5						
10	0.65														
11	0.06	6.74	7.6	168.0	931.9	56.0		7.34	4.9	4.0	25.9	4.0	25.9		
12	0.00														
13	0.00														
14	0.00														
15	0.00														
16	0.00														
17	0.46	6.77	6.2					7.32	6.2						193
18	0.80	6.55	8.4				35.0	7.31	6.9					43.0	
19	0.24														
20	0.26														
21	0.43														
22	0.20														
23	0.00														
24	0.00	6.73	7.8					7.49	7.5						
25	0.00														
26	0.00														
27	0.00														
28	0.01														
29	0.00														
30	0.00														
31	0.06	6.70	9.1					7.58	8.4						31
1st															
Totals	4.79														
Max	0.95	7.04	9.10	168.0	931.9	56.0		7.6	8.4	4.0	25.9	4.0	25.9		
Min	0.00	6.55	5.70	168.0	931.9	56.0		7.3	4.5	4.0	25.9	4.0	25.9		
Average	0.15	6.75	7.35	168.0	931.9	56.0		7.4	6.2	4.0	25.9	4.0	25.9		

BOD Removal: 97.6
TSS Removal: 92.9

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Monroe WWTP

Month of Jan 2017

Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
	pH	Temp	pH	Temp	pH	Temp				Overflow Gallons	Overflow Duration
1											
2											
3											
4							6.60	6.90	7.50		
5											
6											
7											
8											
9											
10											
11							7.50	7.10	7.00		
12											
13											
14											
15											
16											
17											
18							7.00	7.70	7.70		
19											
20											
21											
22											
23							7.30	7.75	7.55		
24											
25											
26											
27											
28											
29											
30											
31											
1st											
Max	0.00	0.00	0.00	0.00	0.00	0.00	7.50	7.75	7.70		
Min	0.00	0.00	0.00	0.00	0.00	0.00	6.60	6.90	7.00		
Avg							7.10	7.36	7.44		

City Of Monroe Pump Station Info

Month of Jan 2017

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Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6613	3.7	7187.6	3.8	289.5	0.0
2	6616.7	3.5	7191.4	3.4	289.5	0.0
3	6620.2	2.9	7194.8	3.0	289.5	0.0
4	6623.1	2.4	7197.8	2.5	289.5	0.2
5	6625.5	2.2	7200.3	2.2	289.7	0.0
6	6627.7	1.9	7202.5	2.0	289.7	0.0
7	6629.6	2.0	7204.5	1.9	289.7	0.0
8	6631.6	7.0	7206.4	4.2	289.7	0.0
9	6638.6	14.5	7210.6	14.4	289.7	0.0
10	6653.1	12.4	7225	15.6	289.7	0.0
11	6665.5	7.3	7240.6	7.6	289.7	0.3
12	6672.8	4.4	7248.2	4.6	290.0	0.0
13	6677.2	3.6	7252.8	3.7	290.0	0.0
14	6680.8	3.4	7256.5	3.3	290.0	0.0
15	6684.2	3.0	7259.8	3.1	290.0	0.0
16	6687.2	2.9	7262.9	3.0	290.0	0.0
17	6690.1	3.8	7265.9	4.0	290.0	0.0
18	6693.9	9.9	7269.9	9.7	290.0	0.3
19	6703.8	6.5	7279.6	6.7	290.3	0.0
20	6710.3	5.5	7286.3	5.8	290.3	0.0
21	6715.8	6.5	7292.1	6.8	290.3	0.0
22	6722.3	6.2	7298.9	6.5	290.3	0.0
23	6728.5	4.3	7305.4	4.3	290.3	0.0
24	6732.8	3.6	7309.7	3.7	290.3	0.0
25	6736.4	3.2	7313.4	3.3	290.3	0.3
26	6739.6	3.0	7316.7	3.0	290.6	0.0
27	6742.6	2.8	7319.7	2.9	290.6	0.0
28	6745.4	2.7	7322.6	2.7	290.6	0.0
29	6748.1	2.7	7325.3	2.6	290.6	0.0
30	6750.8	2.1	7327.9	2.4	290.6	0.0
31	6752.9	2.4	7330.3	2.3	290.6	0.0
1st	6755.3		7332.6		290.6	
Totals		142.3		145.0		1.1
Max		14.5		15.6		0.3
Min		1.9		1.9		0.0
Average		4.6		4.8		0.0

0

City Of Monroe Wastewater Treatment Plant Info

Month of Feb 2017

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Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage				
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar ge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used
1	367924896	0.168992	69045232	0.673336	River	10	14400	3.80	8	11520	3.04
2	368093888	0.179520	69718568	0.649504	River	10	14400	3.80	8	11520	3.04
3	368273408	0.367488	70368072	0.463712	River	10	14400	3.80	8	11520	3.04
4	368640896	0.463488	70831784	0.000000	River		0	0.00		0	0.00
5	369104384	0.917376	70831784	0.481272	River	10	14400	3.80	9	12960	3.42
6	370021760	0.485088	71313056	0.729880	River	10	14400	3.80	9	12960	3.42
7	370506848	0.350304	72042936	0.661096	River	10	14400	3.80	9	12960	3.42
8	370857152	0.448672	72704032	0.656504	River	10	14400	3.80	10	14400	3.80
9	371305824	0.747904	73360536	0.948472	River	10	14400	3.80	10	14400	3.80
10	372053728	0.338880	74309008	1.032648	River	10	14400	3.80	10	14400	3.80
11	372392608	0.228064	75341656	0.710352	River	10	14400	3.80	10	14400	3.80
12	372620672	0.194592	76052008	0.628576	River	10	14400	3.80	10	14400	3.80
13	372815264	0.168960	76680584	0.612368	River	10	14400	3.80	10	14400	3.80
14	372984224	0.162560	77292952	0.588520	River	10	14400	3.80	10	14400	3.80
15	373146784	0.281344	77881472	0.588176	River	9	12960	3.42	10	14400	3.80
16	373428128	0.729408	78469648	0.875496	River	9	12960	3.42	10	14400	3.80
17	374157536	0.256480	79345144	0.588672	River	9	12960	3.42	10	14400	3.80
18	374414016	0.219704	79933816	0.000000	River		0	0.00		0	0.00
19	374633720	0.270344	79933816	0.000000	River		0	0.00		0	0.00
20	374904064	0.363264	79933816	0.000000	River		0	0.00		0	0.00
21	375267328	0.532768	79933816	0.690776	River	9	12960	3.42	10	14400	3.80
22	375800096	0.248984	80624592	1.021072	River	9	12960	3.42	10	14400	3.80
23	376049080	0.203752	81645664	0.626176	River	9	12960	3.42	10	14400	3.80
24	376252832	0.226816	82271840	0.415904	River	9	12960	3.42	10	14400	3.80
25	376479648	0.182144	82687744	0.000000	River		0	0.00		0	0.00
26	376661792	0.232224	82687744	0.000000	River		0	0.00		0	0.00
27	376894016	0.225408	82687744	0.437600	River	9	12960	3.42	10	14400	3.80
28	377119424	0.186880	83125344	0.656488	River	9	12960	3.42	10	14400	3.80
29	377306304	0.000000	83781832	0.000000	River		0	0.00		0	0.00
1st	377306304		83781832								
Totals		9.381408		14.736600	Totals			80.26			80.26
Max		0.917376		1.032648	Max			3.80			3.80
Min		0.162560		0.000000	Min			0.00			0.00
Average		0.335050		0.508159	Average			2.77			2.77

Month of Feb 2017

CL2 Res. mg/L	Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Efflu	
				pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs
0.61	0.17	1	0.00										
0.64	0.08	2	0.03										
0.66	0.13	3	0.46	6.9	7.3					7.72	6.2		
		4	0.41										
0.65	0.12	5	2.66										
0.63	0.03	6	0.41										
0.64	0.12	7	0.29	6.74	8.9					8.03	7.7		
0.66	0.09	8	0.92			48.0	179.6	90.0	336.8			15.0	82.1
0.69	0.00	9	1.18										
0.71	0.05	10	0.15	6.77	11.3				38.0	7.65	10.4		
0.65	0.06	11	0.00										
0.65	0.03	12	0.00										
0.68	0.04	13	0.00										
0.73	0.12	14	0.06	6.9	9.6					8.31	9.7		
0.52	0.02	15	0.84										
0.72	0.02	16	1.32										
0.72	0.03	17	0.00	6.66	10.9					7.78	11.1		
		18	0.16										
		19	0.38										
		20	0.67										
0.68	0.01	21	0.93	6.48	10.1					7.25	11.5		
0.65	0.02	22	0.04										
0.58	0.02	23	0.12										
0.54	0.00	24	0.13	6.92	8.8					7.18	9.8		
		25	0.00										
		26	0.36										
0.57	0.01	27	0.08										
0.58	0.01	28	0.03	6.84	9.5					7.12	9.1		
		29											
		1st											
Totals			11.63										
0.73	0.17	Max	2.66	6.92	11.30	48.0	179.6	90.0	336.8	8.3	11.5	15.0	82.1
0.52	0.00	Min	0.00	6.48	7.30	48.0	179.6	90.0	336.8	7.1	6.2	15.0	82.1
0.64	0.05	Average	0.42	6.78	9.55	48.0	179.6	90.0	336.8	7.6	9.4	15.0	82.1
BOD Removal:							68.8						
TSS Removal:							87.8						

Monroe WWTP

Month of Feb 2017

Jent	TSS	TSS lbs	Eff	E-Coli	Cell #1		Cell #2		Cell #3		Cell #1	Cell #2	Cell #3
					Date	pH	Temp	pH	Temp	pH			
					1						6.30	6.70	6.70
					2								
					3								
					4								
					5								
					6								
					7								
11.0		60.2			8						7.20	7.75	6.50
					9								
		35.0			10								
			11										
			12										
			13										
			14										
				3	15						6.50	6.90	5.90
					16								
					17								
					18								
					19								
					20								
					21								
					22						6.90	7.40	6.65
					23								
					24								
					25								
					26								
					27								
				1	28								
					29								
					1st								
11.0		60.2			Max	0.00	0.00	0.00	0.00	0.00	7.20	7.75	6.70
11.0		60.2			Min	0.00	0.00	0.00	0.00	0.00	6.30	6.70	5.90
11.0		60.2			Avg						6.73	7.19	6.44
					geo mean								
					2	26	26	69.00	25.0	19.00	26.00		

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[illegible]

Date		Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6755.3	2.0	7332.6	2.1	290.6	0.2	
2	6757.3	1.8	7334.7	1.8	290.8	0.0	
3	6759.1	4.1	7336.5	4.3	290.8	0.0	
4	6763.2	5.3	7340.8	5.4	290.8	0.0	
5	6768.5	15.3	7346.2	15.2	290.8	0.0	
6	6783.8	5.3	7361.4	5.4	290.8	0.0	
7	6789.1	4.0	7366.8	4.0	290.8	0.0	
8	6793.1	4.8	7370.8	5.0	290.8	0.6	
9	6797.9	8.4	7375.8	8.6	291.4	0.0	
10	6806.3	3.4	7384.4	3.6	291.4	0.0	
11	6809.7	2.7	7388	2.6	291.4	0.0	
12	6812.4	2.2	7390.6	2.4	291.4	0.0	
13	6814.6	2.0	7393	2.0	291.4	0.0	
14	6816.6	2.0	7395	2.0	291.4	0.0	
15	6818.6	3.1	7397	3.3	291.4	0.3	
16	6821.7	9.5	7400.3	9.1	291.7	0.0	
17	6831.2	2.9	7409.4	2.9	291.7	0.0	
18	6834.1	2.6	7412.3	2.7	291.7	0.0	
19	6836.7	3.2	7415	3.2	291.7	0.0	
20	6839.9	4.2	7418.2	4.4	291.7	0.0	
21	6844.1	5.8	7422.6	5.9	291.7	0.0	
22	6849.9	3.0	7428.5	3.0	291.7	0.2	
23	6852.9	2.4	7431.5	2.6	291.9	0.0	
24	6855.3	2.4	7434.1	2.4	291.9	0.0	
25	6857.7	2.2	7436.5	2.3	291.9	0.0	
26	6859.9	2.9	7438.8	2.9	291.9	0.0	
27	6862.8	2.5	7441.7	2.6	291.9	0.0	
28	6865.3	2.3	7444.3	2.3	291.9	0.0	
29	6867.6	0.0	7446.6	0.0	291.9		
1st	6867.6		7446.6		291.9		

Max	15.3	15.2	0.6
Min	1.8	1.8	0.0
Average	4.0	4.1	0.0

City Of Monroe Wastewater Treatment Plant Info

Month of March 2017

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Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage					
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar ge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used	Cl2 Res. mg/L
1	377306304	0.163872	83781832	0.620576	River	9	12960	3.42	10	14400	3.80	0.65
2	377470176	0.181088	84402408	0.598416	River	9	12960	3.42	10	14400	3.80	0.65
3	377651264	0.176436	85000824	0.411984	River	9	12960	3.42	10	14400	3.80	0.65
4	377827700	0.206604	85412808	0.000000	River		0	0.00		0	0.00	
5	378034304	0.274016	85412808	0.000000	River		0	0.00		0	0.00	
6	378308320	0.338528	85412808	0.417256	River	9	12960	3.42	10	14400	3.80	0.54
7	378646848	0.383744	85830064	0.892208	River	9	12960	3.42	10	14400	3.80	0.72
8	379030592	0.296064	86722272	1.048344	River	9	12960	3.42	10	14400	3.80	0.75
9	379326656	0.324352	87770616	1.044784	River	7	10080	2.66	10	14400	3.80	0.46
10	379651008	0.216064	88815400	0.410200	River	7	10080	2.66	10	14400	3.80	0.43
11	379867072	0.194128	89225600	0.000000	River		0	0.00		0	0.00	
12	380061200	0.176688	89225600	0.000000	River		0	0.00		0	0.00	
13	380237888	0.197248	89225600	0.432272	River	7	10080	2.66	10	14400	3.80	0.41
14	380435136	0.160128	89657872	0.609968	River	7	10080	2.66	10	14400	3.80	0.40
15	380595264	0.217024	90267840	0.583688	River	7	10080	2.66	10	14400	3.80	0.42
16	380812288	0.212576	90851528	0.552672	River	7	10080	2.66	10	14400	3.80	0.44
17	381024864	0.190144	91404200	0.347760	River	7	10080	2.66	10	14400	3.80	0.39
18	381215008	0.221440	91751960	0.000000	River		0	0.00		0	0.00	
19	381436448	0.172608	91751960	0.000000	River		0	0.00		0	0.00	
20	381609056	0.213216	91751960	0.412352	River	7	10080	2.66	10	14400	3.80	0.38
21	381822272	0.257024	92164312	0.556064	River	7	10080	2.66	10	14400	3.80	0.39
22	382079296	0.192864	92720376	0.512864	River	7	10080	2.66	9	12960	3.42	0.43
23	382272160	0.168672	93233240	0.496712	River	7	10080	2.66	9	12960	3.42	0.46
24	382440832	0.410208	93729952	0.315608	River	7	10080	2.66	8	11520	3.04	0.45
25	382851040	0.239072	94045560	0.000000	River		0	0.00		0	0.00	
26	383090112	0.250848	94045560	0.000000	River		0	0.00		0	0.00	
27	383340960	0.310688	94045560	0.366912	River	7	10080	2.66	8	11520	3.04	0.48
28	383651648	0.201248	94412472	0.517424	River	7	10080	2.66	8	11520	3.04	0.45
29	383852896	0.206848	94929896	0.502208	River	7	10080	2.66	8	11520	3.04	0.45
30	384059744	0.206432	95432104	0.474742	River	7	10080	2.66	8	11520	3.04	0.48
31	384266176	0.187328	95906846	0.231394	River	7	10080	2.66	8	11520	3.04	0.48
1st	384453504		96138240									
Totals		6.959872		12.356408	Totals	65.81			82.16			
Max		0.410208		1.048344	Max	3.42			3.80			0.75
Min		0.160128		0.000000	Min	0.00			0.00			0.38
Average		0.231996		0.398594	Average	2.12			2.65			0.49

Month of March 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
			pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS lbs
0.02	1	0.00												
0.03	2	0.00												
0.02	3	0.35	6.84	10.5					7.09	9.8				
	4	0.15												
	5	0.53												
0.01	6	0.47												
0.03	7	0.83	6.62	9					7.18	9.3				
0.02	8	0.22												
0.03	9	0.30												
0.01	10	0.00	6.86	12.9					7.15	12.2				
	11	0.14						60.0						
	12	0.00												
0.02	13	0.00												
0.02	14	0.17	6.7	12.2					7.09	13.4				
0.01	15	0.33												
0.04	16	0.00												
0.02	17	0.13	6.71	11.2					7.13	12.7				
	18	0.27												
	19	0.00												
0.04	20	0.24												
0.03	21	0.13	6.65	11.5					7.11	13.1				
0.02	22	0.01			66.0	106.2	89.0	143.2			8.0	34.2	10.0	42.8
0.02	23	0.28												
0.02	24	0.98	6.66	13.9					7.33	13.9				
	25	0.02												
	26	0.43												
0.03	27	0.27												
0.04	28	0.01	6.64	13.4					7.62	14.8				
0.01	29	0.22				0.0						0.0		
0.03	30	0.02												
0.03	31	0.00	6.84	12.1					7.84	13.9				
	1st													
Totals		6.50												
0.04	Max	0.98	6.86	13.90	66.0	106.2	89.0	143.2	7.8	14.8	8.0	34.2	10.0	42.8
0.01	Min	0.00	6.62	9.00	66.0	0.0	89.0	143.2	7.1	9.3	8.0	0.0	10.0	42.8
0.02	Average	0.21	6.72	11.86	66.0	53.1	89.0	143.2	7.3	12.6	8.0	17.1	10.0	42.8

BOD Removal: 87.9
 TSS Removal: 88.8

Monroe WWTP

Month of March 2017

Month of March 2017											Overflow Events		
Eff	E-Coli	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Gallons	Overflow Duration
			pH	Temp	pH	Temp	pH	Temp					
Alkalinity	col/100ml	1							6.10	6.50	6.35		
		2											
		3											
		4											
		5											
		6											
		7											
		8							5.90	6.45	6.20		
		9											
		10											
35.0		11											
		12											
		13											
		14											
		15											
		16											
		17							5.70	5.80	5.70		
		18											
		19											
		20											
		21											
		22							5.50	5.70	5.65		
		23											
		24											
		25											
		26											
		27											
		28											
		1							5.40	5.90	5.40		
		29											
30													
31													
1st													

Max 0.00 0.00 0.00 0.00 0.00 0.00 6.10 6.50 6.35
 Min 0.00 0.00 0.00 0.00 0.00 0.00 5.40 5.70 5.40
 Avg 5.72 6.07 5.86

geo mean 1

City Of Monroe Pump Station Info

Month of March 2017

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pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6867.6	2.1	7446.6	2.1	291.9	0.3
2	6869.7	1.8	7448.7	1.9	292.2	0.0
3	6871.5	2.2	7450.6	2.1	292.2	0.0
4	6873.7	2.4	7452.7	2.5	292.2	0.0
5	6876.1	3.2	7455.2	3.3	292.2	0.0
6	6879.3	3.6	7458.5	3.7	292.2	0.0
7	6882.9	4.4	7462.2	4.5	292.2	0.0
8	6887.3	3.4	7466.7	3.5	292.2	0.3
9	6890.7	3.2	7470.2	3.2	292.5	0.0
10	6893.9	2.5	7473.4	2.6	292.5	0.0
11	6896.4	2.2	7476	2.2	292.5	0.0
12	6898.6	2.0	7478.2	2.1	292.5	0.0
13	6900.6	1.9	7480.3	1.9	292.5	0.0
14	6902.5	1.9	7482.2	2.0	292.5	0.0
15	6904.4	2.7	7484.2	2.7	292.5	0.2
16	6907.1	2.2	7486.9	2.3	292.7	0.0
17	6909.3	2.1	7489.2	2.0	292.7	0.0
18	6911.4	2.6	7491.2	2.7	292.7	0.0
19	6914	2.3	7493.9	2.4	292.7	0.0
20	6916.3	2.3	7496.3	2.3	292.7	0.0
21	6918.6	2.7	7498.6	2.8	292.7	0.0
22	6921.3	2.3	7501.4	2.3	292.7	0.3
23	6923.6	2.0	7503.7	2.0	293.0	0.0
24	6925.6	4.4	7505.7	4.6	293.0	0.0
25	6930	2.7	7510.3	2.8	293.0	0.0
26	6932.7	2.9	7513.1	2.9	293.0	0.0
27	6935.6	3.4	7516	3.5	293.0	0.0
28	6939	2.3	7519.5	2.2	293.0	0.0
29	6941.3	2.4	7521.7	2.5	293.0	0.3
30	6943.7	2.1	7524.2	2.2	293.3	0.0
31	6945.8	2.0	7526.4	1.9	293.3	0.0
1st	6947.8		7528.3		293.3	
Totals		80.2	81.7			1.4
Max		4.4	4.6			0.3
Min		1.8	1.9			0.0
Average		2.6	2.7			0.0

0

City Of Monroe Wastewater Treatment Plant Info

Month of April 2017

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Influent		Discharge/Effluent			Hypo 12.5% Usage			Calcium Thiosulfate Usage			CL2 Res. mg/L	
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar go to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	Dechlor lbs Used	
1	384453504	0.159392	96138240	0.000000	River		0	0.00		0	0.00	
2	384612896	0.147584	96138240	0.000000	River		0	0.00		0	0.00	
3	384760480	0.172448	96138240	0.049960	River	7	10080	2.66	8	11520	3.04	2.11
4	384932928	0.137888	96188200	0.105576	River	7	10080	2.66	8	11520	3.04	2.20
5	385070816	0.124448	96293776	0.111792	River	7	10080	2.66	8	11520	3.04	1.67
6	385195264	0.159744	96405568	0.186048	River	7	10080	2.66	8	11520	3.04	0.43
7	385355008	0.232384	96591616	0.116608	River	7	10080	2.66	8	11520	3.04	0.66
8	385587392	0.188832	96708224	0.000000	River		0	0.00		0	0.00	
9	385776224	0.168704	96708224	0.000000	River		0	0.00		0	0.00	
10	385944928	0.206976	96708224	0.144896	River	7	10080	2.66	8	11520	3.04	0.55
11	386151904	0.176672	96853120	0.172704	River	7	10080	2.66	8	11520	3.04	0.70
12	386328576	0.196768	97025824	0.133216	River	7	10080	2.66	8	11520	3.04	0.96
13	386525344	0.188768	97159040	0.112288	River	7	10080	2.66	8	11520	3.04	1.14
14	386714112	0.183776	97271328	0.069392	River	7	10080	2.66	8	11520	3.04	1.15
15	386897888	0.143072	97340720	0.000000	River		0	0.00		0	0.00	
16	387040960	0.147264	97340720	0.000000	River		0	0.00		0	0.00	
17	387188224	0.237902	97340720	0.060176	River	7	10080	2.66	8	11520	3.04	1.10
18	387426126	0.218738	97400896	0.079648	River	7	10080	2.66	8	11520	3.04	1.46
19	387644864	0.197184	97480544	0.425712	River	7	10080	2.66	8	11520	3.04	1.56
20	387842048	0.236576	97906256	0.737784	River	7	10080	2.66	8	11520	3.04	0.14
21	388078624	0.166624	98644040	0.573928	River	8	11520	3.04	8	11520	3.04	0.20
22	388245248	0.150848	99217968	0.483768	River	8	11520	3.04	8	11520	3.04	0.35
23	388396096	0.153408	99701736	0.399159	River	8	11520	3.04	8	11520	3.04	0.36
24	388549504	0.236896	100895	0.371937	River	8	11520	3.04	8	11520	3.04	0.59
25	388786400	0.203072	472832	0.340287	River	8	11520	3.04	8	11520	3.04	0.60
26	388989472	0.225888	813119	0.310260	River	8	11520	3.04	8	11520	3.04	0.71
27	389215360	0.220608	1123379	0.269900	River	8	11520	3.04	8	11520	3.04	0.74
28	389435968	0.216064	1393279	0.232994	River	8	11520	3.04	8	11520	3.04	0.86
29	389652032	0.199072	1626273	0.207663	River	6	8640	2.28	8	11520	3.04	0.55
30	389851104	0.173225	1833936	0.144395	River	6	8640	2.28	8	11520	3.04	0.69
1st	390024329		1978331									
Totals		5.570825	5.840091		Totals	66.19		73.03				
Max		0.237902	0.737784		Max	3.04		3.04				2.20
Min		0.124448	0.000000		Min	0.00		0.00				0.14
Average		0.185694	0.194670		Average	2.21		2.43				0.90

Month of April 2017

Dechlor Res. mg/L	Date	Rain	Influent		BOD	Influent		TSS lbs	Inf Alkalinity	Effluent		Effluent			
			pH	Temp		BOD lbs	TSS			pH	Temp	BOD	BOD lbs	TSS	TSS lbs
	1	0.01													
	2	0.00													
0.02	3	0.00													
0.04	4	0.00	6.81	13.2						8.63	15.1				
0.03	5	0.00													
0.05	6	0.16													
0.03	7	0.79	6.9	11.7						8.36	14.1				
	8	0.03													
	9	0.24													
0.06	10	0.03													
0.03	11	0.37	6.85	13						8.94	13.4				
0.03	12	0.02													
0.05	13	0.07													
0.03	14	0.08	6.98	12						8.93	13.6				
	15	0.00													
	16	0.24													
0.04	17	0.48													
0.05	18	0.11	6.68	13.4						8.93	14.9				
0.05	19	0.18			53.0	87.2	85.0	139.8				15.0	53.3	8.0	28.4
0.03	20	0.21													
0.01	21	0.00	6.92	15.4						7.76	17.8				
0.02	22	0.06													
0.03	23	0.11													
0.03	24	0.48	6.68	13.5						7.07	15.5				
0.04	25	0.17													
0.03	26	0.27													
0.02	27	0.08													
0.02	28	0.00	6.96	12.71					30.0	7.02	14.7				
0.00	29	0.00													
0.02	30														
	1st														
Totals			4.19												
0.06	Max	0.79	6.98	15.40	53.0	87.2	85.0	139.8		8.9	17.8	15.0	53.3	8.0	28.4
0.00	Min	0.00	6.68	11.70	53.0	87.2	85.0	139.8		7.0	13.4	15.0	53.3	8.0	28.4
0.03	Average	0.14	6.85	13.11	53.0	87.2	85.0	139.8		8.2	14.9	15.0	53.3	8.0	28.4

BOD Removal: 71.7
 TSS Removal: 90.6

Monroe WWTP

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Month of April 2017

Eff	E-Coli col/100ml	Cell #1			Cell #2			Cell #3			Cell #1			Cell #2			Cell #3			Overflow Events	
		Date	pH	Temp	pH	Temp	pH	Temp	pH	Temp	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Overflow Gallons	Overflow Duration
		1																			
		2																			
		3																			
		4																			
		5																			
		6																			
		7									4.90	5.30	5.50								
		8																			
		9																			
		10																			
	1	11																			
		12									4.90	5.20	5.80								
		13																			
		14																			
		15																			
		16																			
		17																			
		18																			
		19																			
		20									4.70	5.10	6.00								
		21																			
		22																			
		23																			
		24																			
	1	25																			
		26									4.40	4.75	5.40								
		27																			
53.0		28																			
		29																			
		30																			
		1st																			

Max 0.00 0.00 0.00 0.00 0.00 4.90 5.30 6.00
 Min 0.00 0.00 0.00 0.00 0.00 4.40 4.75 5.40
 Avg 4.73 5.09 5.68

geo mean 1

City Of Monroe Pump Station Info

Month of April 2017

Page 1

pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	6947.8	1.9	7528.3	1.9	293.3	0.0
2	6949.7	1.8	7530.2	1.8	293.3	0.0
3	6951.5	1.6	7532	1.8	293.3	0.0
4	6953.1	1.7	7533.8	1.7	293.3	0.0
5	6954.8	1.5	7535.5	1.5	293.3	0.2
6	6956.3	1.6	7537	1.3	293.5	0.0
7	6957.9	2.5	7538.3	2.6	293.5	0.2
8	6960.4	2.3	7540.9	2.3	293.7	0.0
9	6962.7	2.0	7543.2	2.0	293.7	0.0
10	6964.7	2.0	7545.2	2.0	293.7	0.0
11	6966.7	2.0	7547.2	2.1	293.7	0.0
12	6968.7	2.3	7549.3	2.4	293.7	0.3
13	6971	1.9	7551.7	1.9	294.0	0.0
14	6972.9	1.9	7553.6	2.0	294.0	0.0
15	6974.8	1.7	7555.6	1.7	294.0	0.0
16	6976.5	1.7	7557.3	1.7	294.0	0.0
17	6978.2	2.3	7559	2.3	294.0	0.0
18	6980.5	2.6	7561.3	2.6	294.0	0.0
19	6983.1	2.0	7563.9	2.0	294.0	0.0
20	6985.1	2.3	7565.9	2.4	294.0	0.2
21	6987.4	1.9	7568.3	1.9	294.2	0.0
22	6989.3	1.8	7570.2	1.8	294.2	0.0
23	6991.1	1.7	7572	1.8	294.2	0.0
24	6992.8	2.8	7573.8	2.8	294.2	0.0
25	6995.6	2.4	7576.6	2.4	294.2	0.0
26	6998	2.6	7579	2.7	294.2	0.3
27	7000.6	2.2	7581.7	2.3	294.5	0.0
28	7002.8	2.2	7584	2.3	294.5	0.0
29	7005	2.3	7586.3	2.3	294.5	0.0
30	7007.3	2.1	7588.6	2.1	294.5	0.0
1st	7009.4		7590.7		294.5	

0

Totals	61.6	62.4	1.2
Max	2.8	2.8	0.3
Min	1.5	1.3	0.0
Average	2.1	2.1	0.0

City Of Monroe Wastewater Treatment Plant Info

Month of May 2017

Page 1

Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage					
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar go to where?	mls per min.	mls per day	lbs Used	mls per Min	mls per day	Dechlor lbs Used	CL2 Res. mg/L
1	390024329	0.186743	1978331	0.000000	River		0	0.00		0	0.00	
2	390211072	0.141024	1978331	0.000000	River		0	0.00		0	0.00	
3	390352096	0.120128	1978331	0.000000	River		0	0.00		0	0.00	
4	390472224	0.109216	1978331	0.000000	River		0	0.00		0	0.00	
5	390581440	0.132768	1978331	0.000000	River		0	0.00		0	0.00	
6	390714208	0.093056	1978331	0.000000	River		0	0.00		0	0.00	
7	390807264	0.087296	1978331	0.000000	River		0	0.00		0	0.00	
8	390894560	0.117344	1978331	0.000000	River		0	0.00		0	0.00	
9	391011904	0.079456	1978331	0.000000	River		0	0.00		0	0.00	
10	391091360	0.077536	1978331	0.000000	River		0	0.00		0	0.00	
11	391168896	0.140000	1978331	0.000000	River		0	0.00		0	0.00	
12	391308896	0.129440	1978331	0.000000	River		0	0.00		0	0.00	
13	391438336	0.098048	1978331	0.000000	River		0	0.00		0	0.00	
14	391536384	0.084800	1978331	0.000000	River		0	0.00		0	0.00	
15	391621184	0.080992	1978331	0.000000	River		0	0.00		0	0.00	
16	391702176	0.146368	1978331	0.000000	River		0	0.00		0	0.00	
17	391848544	0.089856	1978331	0.000000	River		0	0.00		0	0.00	
18	391938400	0.076480	1978331	0.000000	River		0	0.00		0	0.00	
19	392014880	0.095329	1978331	0.000000	River		0	0.00		0	0.00	
20	392110209	0.066303	1978331	0.000000	River		0	0.00		0	0.00	
21	392176512	0.068672	1978331	0.000000	River		0	0.00		0	0.00	
22	392245184	0.104512	1978331	0.000000	River		0	0.00		0	0.00	
23	392349696	0.058976	1978331	0.000000	River		0	0.00		0	0.00	
24	392408672	0.061152	1978331	0.000000	River		0	0.00		0	0.00	
25	392469824	0.088576	1978331	0.000000	River		0	0.00		0	0.00	
26	392558400	0.056224	1978331	0.000000	River		0	0.00		0	0.00	
27	392614624	0.048960	1978331	0.000000	River		0	0.00		0	0.00	
28	392663584	0.048991	1978331	0.000000	River		0	0.00		0	0.00	
29	392712575	0.051594	1978331	0.000000	River		0	0.00		0	0.00	
30	392764169	0.051640	1978331	0.000000	River		0	0.00		0	0.00	
31	392815809	0.081151	1978331	0.000000	River		0	0.00		0	0.00	
1st	392896960		1978331									
Totals		2.791480		0.000000	Totals			0.00			0.00	0.00
Max		0.186743		0.000000	Max			0.00			0.00	0.00
Min		0.048960		0.000000	Min			0.00			0.00	0.00
Average		0.093049		0.000000	Average			0.00			0.00	#DIV/0!

#DIV/0!

Month of May 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf	Effluent		Effluent			
			pH	Temp	BOD	BOD lbs	TSS		Alkalinity	pH	Temp	BOD	BOD lbs	TSS
	1	0.00	6.9	13.8										
	2	0.00												
	3	0.00												
	4	0.00												
	5	0.01	7.18	15.6										
	6	0.00												
	7	0.00												
	8	0.00	7.02	15.4										
	9	0.00												
	10	0.00												
	11	0.36												
	12	0.16	7.16	14.6										
	13	0.12												
	14	0.00												
	15	0.06	7.09	15.5				67.0						
	16	0.26												
	17	0.01												
	18	0.00	7.34	14.4	50.0	31.9	85.0	54.2						
	19	0.00												
	20	0.00												
	21	0.01												
	22	0.00	7.21	16.8										
	23	0.00												
	24	0.00												
	25	0.00	7.45	15.9										
	26	0.00												
	27	0.00												
	28	0.00												
	29	0.00												
	30	0.00	7.31	17.3										
	31	0.00												
	1st													
Totals		0.99												
0.00	Max	0.36	7.45	17.30	50.0	31.9	85.0	54.2		0.0	0.0	0.0	0.0	0.0
0.00	Min	0.00	6.90	13.80	50.0	31.9	85.0	54.2		0.0	0.0	0.0	0.0	0.0
#DIV/0!		Average	0.03	7.18	50.0	31.9	85.0	54.2		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BOD Removal:
 TSS Removal:

#DIV/0!
 #DIV/0!

Monroe WWTP

Month of May 2017

Eff	E-Coli col/100ml	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
		Date	pH	Temp	pH	Temp	pH	Temp			Overflow Gallons	Overflow Duration
		1										
		2										
		3						4.30	5.10	5.25		
		4										
		5										
		6										
		7										
		8										
		9										
		10										
		11										
		12						4.20	6.20	5.20		
		13										
		14										
		15										
		16										
		17										
		18										
		19										
		20										
		21										
		22						3.80	7.10	5.10		
		23										
		24										
		25						3.70	7.30	5.00		
		26										
		27										
		28										
		29										
		30						3.70	7.40	5.05		
		31										
		1st										

Max 0.00 0.00 0.00 0.00 0.00 0.00 4.30 7.40 5.25
 Min 0.00 0.00 0.00 0.00 0.00 0.00 3.70 5.10 5.00
 Avg 3.94 6.62 5.12

geo mean #NUM!

City Of Monroe Pump Station Info

Month of May 2017

Page 1

pm,s

Date	Pump 1 ETMs	hours	Pump 2 ETMs	hours	generator ETM	hours
1	7009.4	1.7	7590.7	1.8	294.5	0.0
2	7011.1	1.6	7592.5	1.6	294.5	0.0
3	7012.7	1.4	7594.1	1.4	294.5	0.2
4	7014.1	1.3	7595.5	1.3	294.7	0.0
5	7015.4	1.1	7596.8	1.2	294.7	0.0
6	7016.5	1.1	7598	1.1	294.7	0.0
7	7017.6	1.1	7599.1	1.0	294.7	0.0
8	7018.7	0.9	7600.1	1.0	294.7	0.0
9	7019.6	0.9	7601.1	1.0	294.7	0.0
10	7020.5	0.9	7602.1	0.9	294.7	0.3
11	7021.4	1.2	7603	1.2	295.0	0.0
12	7022.6	1.2	7604.2	1.2	295.0	0.0
13	7023.8	1.1	7605.4	1.1	295.0	0.0
14	7024.9	1.0	7606.5	1.0	295.0	0.0
15	7025.9	0.8	7607.5	0.9	295.0	0.0
16	7026.7	1.4	7608.4	1.4	295.0	0.0
17	7028.1	1.0	7609.8	1.0	295.0	0.2
18	7029.1	0.9	7610.8	0.9	295.2	0.0
19	7030	0.9	7611.7	0.9	295.2	0.0
20	7030.9	0.7	7612.6	0.8	295.2	0.0
21	7031.6	0.8	7613.4	0.7	295.2	0.0
22	7032.4	0.7	7614.1	0.8	295.2	0.0
23	7033.1	0.7	7614.9	0.7	295.2	0.0
24	7033.8	0.7	7615.6	0.7	295.2	0.3
25	7034.5	0.7	7616.3	0.7	295.5	0.0
26	7035.2	0.6	7617	0.6	295.5	0.0
27	7035.8	0.6	7617.6	0.6	295.5	0.0
28	7036.4	0.5	7618.2	0.5	295.5	0.0
29	7036.9	0.6	7618.7	0.7	295.5	0.0
30	7037.5	0.6	7619.4	0.5	295.5	0.0
31	7038.1	0.6	7619.9	0.7	295.5	0.2
1st	7038.7		7620.6		295.7	
Totals		29.3	29.9		1.2	
Max		1.7	1.8		0.3	
Min		0.5	0.5		0.0	
Average		0.9	1.0		0.0	

0

City Of Monroe Wastewater Treatment Plant Info

Month of June 2017

Page 1

Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage			CL2 Res. mg/L		
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar ge to where?	mls per min.	mls per day	lbs Used	mls per Min	mls per day	Dechlor lbs Used	
1	392896960	0.051584	1978331	0.000000	River		0	0.00		0	0.00	
2	392948544	0.072705	1978331	0.000000	River		0	0.00		0	0.00	
3	393021249	0.046751	1978331	0.000000	River		0	0.00		0	0.00	
4	393068000	0.049184	1978331	0.000000	River		0	0.00		0	0.00	
5	393117184	0.073865	1978331	0.000000	River		0	0.00		0	0.00	
6	393191049	0.046615	1978331	0.000000	River		0	0.00		0	0.00	
7	393237664	0.046880	1978331	0.000000	River		0	0.00		0	0.00	
8	393284544	0.107296	1978331	0.000000	River		0	0.00		0	0.00	
9	393391840	0.095136	1978331	0.000000	River		0	0.00		0	0.00	
10	393486976	0.090624	1978331	0.000000	River		0	0.00		0	0.00	
11	393577600	0.081984	1978331	0.000000	River		0	0.00		0	0.00	
12	393659584	0.086752	1978331	0.000000	River		0	0.00		0	0.00	
13	393746336	0.056353	1978331	0.000000	River		0	0.00		0	0.00	
14	393802689	0.051360	1978331	0.000000	River		0	0.00		0	0.00	
15	393854049	0.082495	1978331	0.000000	River		0	0.00		0	0.00	
16	393936544	0.068096	1978331	0.000000	River		0	0.00		0	0.00	
17	394004640	0.051584	1978331	0.000000	River		0	0.00		0	0.00	
18	394056224	0.049345	1978331	0.000000	River		0	0.00		0	0.00	
19	394105569	0.071967	1978331	0.000000	River		0	0.00		0	0.00	
20	394177536	0.044353	1978331	0.000000	River		0	0.00		0	0.00	
21	394221889	0.066463	1978331	0.000000	River		0	0.00		0	0.00	
22	394288352	0.076297	1978331	0.000000	River		0	0.00		0	0.00	
23	394364649	0.046775	1978331	0.000000	River		0	0.00		0	0.00	
24	394411424	0.049312	1978331	0.000000	River		0	0.00		0	0.00	
25	394460736	0.053920	1978331	0.000000	River		0	0.00		0	0.00	
26	394514656	0.090240	1978331	0.000000	River		0	0.00		0	0.00	
27	394604896	0.044288	1978331	0.000000	River		0	0.00		0	0.00	
28	394649184	0.039360	1978331	0.000000	River		0	0.00		0	0.00	
29	394688544	0.068288	1978331	0.000000	River		0	0.00		0	0.00	
30	394756832	0.053248	1978331	0.000000	River		0	0.00		0	0.00	
1st	394810080		1978331									
Totals		1.913120		0.000000	Totals			0.00			0.00	
Max		0.107296		0.000000	Max			0.00			0.00	0.00
Min		0.039360		0.000000	Min			0.00			0.00	0.00
Average		0.063771		0.000000	Average			0.00			0.00	#DIV/0!

Month of June 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			TSS lbs	Inf Alkalinity	Effluent		Effluent			
			pH	Temp	BOD	BOD lbs	TSS			pH	Temp	BOD	BOD lbs	TSS	TSS lbs
	1	0.00	7.55	17.6											
	2	0.00													
	3	0.00													
	4	0.00													
	5	0.00													
	6	0.00	7.6	18.2											
	7	0.04													
	8	0.58	6.94	18.4											
	9	0.05													
	10	0.36													
	11	0.01													
	12	0.00													
	13	0.00	8.06	18.2											
	14	0.00													
	15	0.00	7.51	17.4											
	16	0.04													
	17	0.00													
	18	0.00													
	19	0.00	7.1	23.1											
	20	0.00													
	21	0.00													
	22	0.00	7.02	20.7											
	23	0.00													
	24	0.00													
	25	0.00													
	26	0.00	7.38	19.7											
	27	0.00													
	28	0.00													
	29	0.00			294.0	167.4	350.0	199.3							
	30	0.00													
	1st														

BOD Removal:

TSS Removal:

#DIV/0!

#DIV/0!

Monroe WWTP

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Month of June 2017

Eff	E-Coli col/100ml	Cell #1			Cell #2			Cell #3			Cell #1			Cell #2			Cell #3			Overflow Events	
		Date	pH	Temp	pH	Temp	pH	Temp	pH	Temp	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Overflow Gallons	Overflow Duration
		1																			
		2																			
		3																			
		4																			
		5																			
		6									3.50	7.65	5.90								
		7																			
		8																			
		9																			
		10																			
		11																			
		12																			
		13									3.45	7.75	5.10								
		14																			
		15																			
		16																			
		17																			
		18																			
		19									3.40	7.80	5.20								
		20																			
		21																			
		22																			
		23																			
		24																			
		25																			
		26																			
		27									3.10	7.70	5.20								
		28																			
		29																			
		30																			
		1st																			

Max 0.00 0.00 0.00 0.00 0.00 0.00 3.50 7.80 5.90
 Min 0.00 0.00 0.00 0.00 0.00 0.00 3.10 7.65 5.10
 Avg 3.36 7.73 5.35

geo mean #NUM!

City Of Monroe Pump Station Info

Month of June 2017

Page 1

pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	7038.7	0.6	7620.6	0.5	295.7	0.0
2	7039.3	0.5	7621.1	0.6	295.7	0.0
3	7039.8	0.5	7621.7	0.5	295.7	0.0
4	7040.3	0.5	7622.2	0.5	295.7	0.0
5	7040.8	0.5	7622.7	0.6	295.7	0.0
6	7041.3	0.6	7623.3	0.5	295.7	0.0
7	7041.9	0.5	7623.8	0.5	295.7	0.3
8	7042.4	1.2	7624.3	1.2	296.0	0.0
9	7043.6	0.7	7625.5	0.8	296.0	0.0
10	7044.3	1.0	7626.3	1.0	296.0	0.0
11	7045.3	0.9	7627.3	0.9	296.0	0.0
12	7046.2	0.7	7628.2	0.8	296.0	0.0
13	7046.9	0.6	7629	0.6	296.0	0.0
14	7047.5	0.6	7629.6	0.6	296.0	0.2
15	7048.1	0.6	7630.2	0.5	296.2	0.0
16	7048.7	0.7	7630.7	0.7	296.2	0.0
17	7049.4	0.5	7631.4	0.6	296.2	0.0
18	7049.9	0.6	7632	0.6	296.2	0.0
19	7050.5	0.5	7632.6	0.5	296.2	0.0
20	7051	0.5	7633.1	0.5	296.2	0.0
21	7051.5	0.5	7633.6	0.5	296.2	0.3
22	7052	0.5	7634.1	0.5	296.5	0.0
23	7052.5	0.5	7634.6	0.5	296.5	0.0
24	7053	0.5	7635.1	0.6	296.5	0.0
25	7053.5	0.8	7635.7	0.6	296.5	0.0
26	7054.3	0.4	7636.3	0.5	296.5	0.0
27	7054.7	0.4	7636.8	0.5	296.5	0.0
28	7055.1	0.5	7637.3	0.4	296.5	0.2
29	7055.6	0.5	7637.7	0.6	296.7	0.0
30	7056.1	0.3	7638.3	0.4	296.7	0.0
1st	7056.4		7638.7		296.7	
Totals		17.7	18.1		1.0	
Max		1.2	1.2		0.3	
Min		0.3	0.4		0.0	
Average		0.6	0.6		0.0	

0

City Of Monroe Wastewater Treatment Plant Info

Month of July 2017

Page 1

Date	Influent		Discharge/Effluent		Discharge to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage		CL2 Res. mg/L
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD		mls per min.	mls per day	lbs Used	mls per Min	mls per day	Dechlor lbs Used
1	394810080	0.039360	1978331	0.000000	River		0	0.00		0	0.00
2	394849440	0.036920	1978331	0.000000	River		0	0.00		0	0.00
3	394886360	0.039335	1978331	0.000000	River		0	0.00		0	0.00
4	394925695	0.037154	1978331	0.000000	River		0	0.00		0	0.00
5	394962849	0.073800	1978331	0.000000	River		0	0.00		0	0.00
6	395036649	0.058040	1978331	0.000000	River		0	0.00		0	0.00
7	395094689	0.066920	1978331	0.000000	River		0	0.00		0	0.00
8	395161609	0.037015	1978331	0.000000	River		0	0.00		0	0.00
9	395198624	0.039840	1978331	0.000000	River		0	0.00		0	0.00
10	395238464	0.094176	1978331	0.000000	River		0	0.00		0	0.00
11	395332640	0.071776	1978331	0.000000	River		0	0.00		0	0.00
12	395404416	0.036873	1978331	0.000000	River		0	0.00		0	0.00
13	395441289	0.039287	1978331	0.000000	River		0	0.00		0	0.00
14	395480576	0.036896	1978331	0.000000	River		0	0.00		0	0.00
15	395517472	0.039392	1978331	0.000000	River		0	0.00		0	0.00
16	395556864	0.041922	1978331	0.000000	River		0	0.00		0	0.00
17	395598786	0.066046	1978331	0.000000	River		0	0.00		0	0.00
18	395664832	0.036737	1978331	0.000000	River		0	0.00		0	0.00
19	395701569	0.034760	1978331	0.000000	River		0	0.00		0	0.00
20	395736329	0.061655	1978331	0.000000	River		0	0.00		0	0.00
21	395797984	0.044768	1978331	0.000000	River		0	0.00		0	0.00
22	395842752	0.035457	1978331	0.000000	River		0	0.00		0	0.00
23	395878209	0.029951	1978331	0.000000	River		0	0.00		0	0.00
24	395908160	0.079369	1978331	0.000000	River		0	0.00		0	0.00
25	395987529	0.036887	1978331	0.000000	River		0	0.00		0	0.00
26	396024416	0.029824	1978331	0.000000	River		0	0.00		0	0.00
27	396054240	0.066880	1978331	0.000000	River		0	0.00		0	0.00
28	396121120	0.034720	1978331	0.000000	River		0	0.00		0	0.00
29	396155840	0.034784	1978331	0.000000	River		0	0.00		0	0.00
30	396190624	0.037184	1978331	0.000000	River		0	0.00		0	0.00
31	396227808	0.066688	1978331	0.000000	River		0	0.00		0	0.00
1st	396294496		1978331								
Totals		1.417728		0.000000				0.00			0.00
Max		0.094176		0.000000				0.00			0.00
Min		0.029824		0.000000				0.00			0.00
Average		0.047258		0.000000				0.00			#DIV/0!

Month of July 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
			pH	Temp	BOD	BOD lbs	TSS		TSS lbs	BOD	BOD lbs	TSS	TSS lbs	
	1	0.00												
	2	0.00												
	3	0.00												
	4	0.00												
	5	0.00												
	6	0.00												
	7	0.00	7.01	23.6										
	8	0.00												
	9	0.00												
	10	0.00												
	11	0.00	6.87	22.1										
	12	0.00												
	13	0.00	7.16	21.4										
	14	0.00												
	15	0.00												
	16	0.00												
	17	0.00	6.71	21.3										
	18	0.00												
	19	0.00												
	20	0.00	6.8	21.6										
	21	0.00												
	22	0.00												
	23	0.00												
	24	0.00	6.71	23.6										
	25	0.00												
	26	0.00												
	27	0.00	7.22	21.3										
	28	0.00			322.0	93.2	308.0	89.2						
	29	0.00												
	30	0.00												
	31	0.00	6.89	24.2					57.0					
	1st													

BOD Removal: #DIV/0!
 TSS Removal: #DIV/0!

Monroe WWTP

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Month of July 2017

Eff	E-Coli col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
			pH	Temp	pH	Temp	pH	Temp				Overflow	Duration
Alkalinity		1											
		2											
		3							2.80	7.65	5.10		
		4											
		5											
		6											
		7											
		8											
		9											
		10											
		11							2.20	7.70	5.10		
		12											
		13							2.20	7.70	5.10		
		14											
		15											
		16											
		17							2.10	7.70	5.00		
		18											
		19											
		20							2.00	7.50	5.00		
		21											
		22											
		23											
		24											
		25											
		26											
		27							5.85	6.10	4.90		
		28											
		29											
		30											
		31											
		1st											

Max 0.00 0.00 0.00 0.00 0.00 0.00 5.85 7.70 5.10
 Min 0.00 0.00 0.00 0.00 0.00 0.00 2.00 6.10 4.90
 Avg 0.00 0.00 0.00 0.00 0.00 0.00 2.86 7.39 5.03

geo mean #NUM!

City Of Monroe Pump Station Info

Month of July 2017

Page 1

pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	7056.4	0.5	7638.7	0.4	296.7	0.0
2	7056.9	0.4	7639.1	0.8	296.7	0.0
3	7057.3	0.4	7639.9	0.1	296.7	0.0
4	7057.7	0.4	7640	0.4	296.7	0.0
5	7058.1	0.5	7640.4	0.4	296.7	0.2
6	7058.6	0.5	7640.8	0.5	296.9	0.0
7	7059.1	0.4	7641.3	0.4	296.9	0.1
8	7059.5	0.4	7641.7	0.5	297.0	0.0
9	7059.9	0.5	7642.2	0.4	297.0	0.0
10	7060.4	0.3	7642.6	0.4	297.0	0.0
11	7060.7	0.4	7643	0.5	297.0	0.0
12	7061.1	0.4	7643.5	0.4	297.0	0.3
13	7061.5	0.4	7643.9	0.4	297.3	0.0
14	7061.9	0.4	7644.3	0.4	297.3	0.0
15	7062.3	0.5	7644.7	0.4	297.3	0.0
16	7062.8	0.4	7645.1	0.4	297.3	0.0
17	7063.2	0.4	7645.5	0.5	297.3	0.0
18	7063.6	0.4	7646	0.4	297.3	0.0
19	7064	0.4	7646.4	0.3	297.3	0.2
20	7064.4	0.3	7646.7	0.4	297.5	0.0
21	7064.7	0.4	7647.1	0.3	297.5	0.0
22	7065.1	0.3	7647.4	0.4	297.5	0.0
23	7065.4	0.3	7647.8	0.3	297.5	0.0
24	7065.7	0.4	7648.1	0.4	297.5	0.0
25	7066.1	0.4	7648.5	0.4	297.5	0.0
26	7066.5	0.3	7648.9	0.3	297.5	0.2
27	7066.8	0.4	7649.2	0.4	297.7	0.0
28	7067.2	0.3	7649.6	0.4	297.7	0.0
29	7067.5	0.4	7650	0.3	297.7	0.0
30	7067.9	0.4	7650.3	0.4	297.7	0.0
31	7068.3	0.4	7650.7	0.4	297.7	0.0
1st	7068.7		7651.1		297.7	
Totals		12.3	12.4		1.0	
Max		0.5	0.8		0.3	
Min		0.3	0.1		0.0	
Average		0.4	0.4		0.0	

0

City Of Monroe Wastewater Treatment Plant Info

Month of August 2017

Page 1

Date	Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage		Decolor lbs Used	Cl2 Res. mg/L
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mls per min.	mls per day	lbs Used	mls per Min	mls per day	
1	396294496	0.034720	1978331	0.000000	River		0	0.00		0	0.00
2	396329216	0.056256	1978331	0.000000	River		0	0.00		0	0.00
3	396385472	0.066080	1978331	0.000000	River		0	0.00		0	0.00
4	396451552	0.053568	1978331	0.000000	River		0	0.00		0	0.00
5	396505120	0.034688	1978331	0.000000	River		0	0.00		0	0.00
6	396539808	0.034624	1978331	0.000000	River		0	0.00		0	0.00
7	396574432	0.032352	1978331	0.000000	River		0	0.00		0	0.00
8	396606784	0.064145	1978331	0.000000	River		0	0.00		0	0.00
9	396670929	0.057071	1978331	0.000000	River		0	0.00		0	0.00
10	396728000	0.059936	1978331	0.000000	River		0	0.00		0	0.00
11	396787936	0.032288	1978331	0.000000	River		0	0.00		0	0.00
12	396820224	0.035008	1978331	0.000000	River		0	0.00		0	0.00
13	396855232	0.037248	1978331	0.000000	River		0	0.00		0	0.00
14	396892480	0.034815	1978331	0.000000	River		0	0.00		0	0.00
15	396927295	0.060737	1978331	0.000000	River		0	0.00		0	0.00
16	396988032	0.034752	1978331	0.000000	River		0	0.00		0	0.00
17	397022784	0.061504	1978331	0.000000	River		0	0.00		0	0.00
18	397084288	0.053824	1978331	0.000000	River		0	0.00		0	0.00
19	397138112	0.034816	1978331	0.000000	River		0	0.00		0	0.00
20	397172928	0.034720	1978331	0.000000	River		0	0.00		0	0.00
21	397207648	0.037120	1978331	0.000000	River		0	0.00		0	0.00
22	397244768	0.064096	1978331	0.000000	River		0	0.00		0	0.00
23	397308864	0.034784	1978331	0.000000	River		0	0.00		0	0.00
24	397343648	0.029984	1978331	0.000000	River		0	0.00		0	0.00
25	397373632	0.060192	1978331	0.000000	River		0	0.00		0	0.00
26	397433824	0.032512	1978331	0.000000	River		0	0.00		0	0.00
27	397466336	0.032864	1978331	0.000000	River		0	0.00		0	0.00
28	397499200	0.070304	1978331	0.000000	River		0	0.00		0	0.00
29	397569504	0.063904	1978331	0.000000	River		0	0.00		0	0.00
30	397633408	0.030144	1978331	0.000000	River		0	0.00		0	0.00
31	397663552	0.032480	1978331	0.000000	River		0	0.00		0	0.00
1st	397696032		1978331		River		0	0.00		0	
Totals		1.369056		0.000000	Totals			0.00			0.00
Max		0.070304		0.000000	Max			0.00			0.00
Min		0.029984		0.000000	Min			0.00			0.00
Average		0.045635		0.000000	Average			0.00			#DIV/0!

Month of August 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf	Effluent		Effluent				
			pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS lbs	
	1	0.00	7.18	22.2											
	2	0.00													
	3	0.00													
	4	0.00													
	5	0.00													
	6	0.00													
	7	0.00	7.05	24.1											
	8	0.00													
	9	0.00													
	10	0.00													
	11	0.00	7.01	25											
	12	0.00													
	13	0.13													
	14	0.00	7.37	22											
	15	0.00	7.31	20.9											
	16	0.00													
	17	0.00													
	18	0.00	7.35	21.5											
	19	0.00													
	20	0.00													
	21	0.00													
	22	0.00													
	23	0.00	7.1	23.7											
	24	0.00													
	25	0.00	6.52	24.1											
	26	0.00													
	27	0.00													
	28	0.00													
	29	0.00													
	30	0.00	7.53	22.7	518.0	130.2	520.0	130.7							
	31	0.00													
	1st														
Totals			0.13												
0.00	Max	0.13	7.53	25.00	518.0	130.2	520.0	130.7	0.0	0.0	0.0	0.0	0.0	0.0	
0.00	Min	0.00	6.52	20.90	518.0	130.2	520.0	130.7	0.0	0.0	0.0	0.0	0.0	0.0	
#DIV/0!	Average	0.00	7.16	22.91	518.0	130.2	520.0	130.7	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

BOD Removal:
 TSS Removal:

#DIV/0!
 #DIV/0!

Monroe WWTP

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Month of August 2017

Month of August 2017													Overflow Events	
Eff	E-Coil	Date	Cell #1		Cell #2		Cell #3		Cell #1	Cell #2	Cell #3	Gallons	Duration	
			pH	Temp	pH	Temp	pH	Temp						
Alkalinity	col/100ml	1							5.80	5.95	4.80			
		2												
		3												
		4												
		5												
		6												
		7												
		8												
		9												
		10												
		11							5.90	6.10	4.60			
		12												
		13												
		14							5.90	6.10	4.60			
		15							5.90	6.10	4.60			
		16												
		17							5.90	6.10	4.60			
18														
19														
20														
21														
22														
23							5.90	6.20	4.50					
24														
25														
26														
27														
28														
29														
30														
31							6.10	6.30	4.40					
1st														

Max 0.00 0.00 0.00 0.00 0.00 6.10 6.30 4.80
 Min 0.00 0.00 0.00 0.00 0.00 5.80 5.95 4.40
 Avg 0.00 0.00 0.00 0.00 0.00 5.91 6.12 4.59

geo mean #NUM!

City Of Monroe Pump Station Info

Month of August 2017

Page 1

pm,s

Date	Pump 1 ETM/s	hours	Pump 2 ETM/s	hours	generator ETM	hours
1	7068.7	0.4	7651.1	0.4	297.7	0.0
2	7069.1	0.3	7651.5	0.4	297.7	0.3
3	7069.4	0.4	7651.9	0.4	298.0	0.0
4	7069.8	0.4	7652.3	0.4	298.0	0.0
5	7070.2	0.3	7652.7	0.4	298.0	0.0
6	7070.5	0.4	7653.1	0.3	298.0	0.0
7	7070.9	0.4	7653.4	0.3	298.0	0.0
8	7071.3	0.3	7653.7	0.4	298.0	0.0
9	7071.6	0.4	7654.1	0.4	298.0	0.2
10	7072	0.3	7654.5	0.3	298.2	0.0
11	7072.3	0.3	7654.8	0.4	298.2	0.0
12	7072.6	0.4	7655.2	0.4	298.2	0.0
13	7073	0.4	7655.6	0.4	298.2	0.0
14	7073.4	0.3	7656	0.3	298.2	0.0
15	7073.7	0.4	7656.3	0.4	298.2	0.0
16	7074.1	0.4	7656.7	0.4	298.2	0.3
17	7074.5	0.3	7657.1	0.3	298.5	0.0
18	7074.8	0.4	7657.4	0.3	298.5	0.0
19	7075.2	0.3	7657.7	0.4	298.5	0.0
20	7075.5	0.4	7658.1	0.3	298.5	0.0
21	7075.9	0.4	7658.4	0.4	298.5	0.0
22	7076.3	0.4	7658.8	0.4	298.5	0.0
23	7076.7	0.3	7659.2	0.4	298.5	0.2
24	7077	0.5	7659.6	0.3	298.7	0.0
25	7077.5	0.2	7659.9	0.4	298.7	0.1
26	7077.7	0.3	7660.3	0.3	298.8	0.0
27	7078	0.4	7660.6	0.4	298.8	0.0
28	7078.4	0.3	7661	0.3	298.8	0.0
29	7078.7	0.3	7661.3	0.4	298.8	0.0
30	7079	0.4	7661.7	0.3	298.8	0.2
31	7079.4	0.3	7662	0.4	299.0	0.0
1st	7079.7		7662.4		299.0	

0

Totals
Max
Min
Average

11.0
0.5
0.2
0.4

11.3
0.4
0.3
0.4

1.3
0.3
0.0
0.0

City Of Monroe Wastewater Treatment Plant Info

Month of September 2017

Page 1

Date	Influent		Discharge/Effluent		Discharge to where?	Hypo 12.5% Usage			Calcium Thiosulfate Usage		CL2 Res. mg/L
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD		mils per min.	mils per day	lbs Used	mils per Min	mils per day	
1	397696032	0.059360	1978331	0.000000	River		0	0.00		0	0.00
2	397755392	0.039680	1978331	0.000000	River		0	0.00		0	0.00
3	397795072	0.039777	1978331	0.000000	River		0	0.00		0	0.00
4	397834849	0.042080	1978331	0.000000	River		0	0.00		0	0.00
5	397876929	0.068287	1978331	0.000000	River		0	0.00		0	0.00
6	397945216	0.035040	1978331	0.000000	River		0	0.00		0	0.00
7	397980256	0.039544	1978331	0.000000	River		0	0.00		0	0.00
8	398019800	0.063688	1978331	0.000000	River		0	0.00		0	0.00
9	398083488	0.034848	1978331	0.000000	River		0	0.00		0	0.00
10	398118336	0.034880	1978331	0.000000	River		0	0.00		0	0.00
11	398153216	0.034944	1978331	0.000000	River		0	0.00		0	0.00
12	398188160	0.068800	1978331	0.000000	River		0	0.00		0	0.00
13	398256960	0.034784	1978331	0.000000	River		0	0.00		0	0.00
14	398291744	0.034720	1978331	0.000000	River		0	0.00		0	0.00
15	398326464	0.061568	1978331	0.000000	River		0	0.00		0	0.00
16	398388032	0.032448	1978331	0.000000	River		0	0.00		0	0.00
17	398420480	0.037312	1978331	0.000000	River		0	0.00		0	0.00
18	398457792	0.074497	1978331	0.000000	River		0	0.00		0	0.00
19	398532289	0.061759	1978331	0.000000	River		0	0.00		0	0.00
20	398594048	0.060256	1978331	0.000000	River		0	0.00		0	0.00
21	398654304	0.072832	1978331	0.000000	River		0	0.00		0	0.00
22	398727136	0.037280	1978331	0.000000	River		0	0.00		0	0.00
23	398764416	0.032480	1978331	0.000000	River		0	0.00		0	0.00
24	398796896	0.035072	1978331	0.000000	River		0	0.00		0	0.00
25	398831968	0.068576	1978331	0.000000	River		0	0.00		0	0.00
26	398900544	0.032928	1978331	0.000000	River		0	0.00		0	0.00
27	398933472	0.045504	1978331	0.000000	River		0	0.00		0	0.00
28	398978976	0.035072	1978331	0.000000	River		0	0.00		0	0.00
29	399014048	0.065344	1978331	0.000000	River		0	0.00		0	0.00
30	399079392	0.037376	1978331	0.000000	River		0	0.00		0	0.00
1st	399116768		1978331								
Totals		1.420736		0.000000	Totals			0.00			0.00
Max		0.074497		0.000000	Max			0.00			0.00
Min		0.032448		0.000000	Min			0.00			0.00
Average		0.047358		0.000000	Average			0.00			#DIV/0!

Month of September 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent				
			pH	Temp	BOD	BOD lbs	TSS		TSS lbs	pH	Temp	BOD	BOD lbs	TSS	TSS lbs
	1	0.00	6.87	22.9											
	2	0.00													
	3	0.00													
	4	0.00													
	5	0.00	6.85	22.9											
	6	0.00													
	7	0.09													
	8	0.00	7.32	22.3											
	9	0.00													
	10	0.00													
	11	0.00	7.42	22.3											
	12	0.00													
	13	0.00													
	14	0.00													
	15	0.00	7.05	20.6											
	16	0.00													
	17	0.03													
	18	0.38	7.89	20.4											
	19	0.45													
	20	0.12			408.0	205.0	266.0	133.7							
	21	0.00													
	22	0.00	8.37	19.6					228.0						
	23	0.00													
	24	0.00													
	25	0.00	6.83	18.7											
	26	0.00													
	27	0.00													
	28	0.00													
	29	0.28	6.74	20											
	30	0.04													
	1st														

BOD Removal:
 TSS Removal:
 #DIV/0!
 #DIV/0!

Monroe WWTP

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Month of September 2017

Eff	E-Coli col/100ml	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
		Date	pH	Temp	pH	Temp	pH	Temp			Overflow Gallons	Overflow Duration
		1							6.10	6.30	4.40	
		2										
		3										
		4										
		5							6.10	6.30	4.30	
		6										
		7										
		8							6.30	6.30	4.30	
		9										
		10										
		11										
		12							6.20	6.30	4.30	
		13										
		14										
		15										
		16										
		17										
		18							6.20	6.50	4.20	
		19										
		20										
		21										
		22										
		23										
		24										
		25										
		26							6.45	6.70	4.20	
		27										
		28										
		29										
		30										
		1st										

Max 0.00 0.00 0.00 0.00 0.00 0.00 6.45 6.70 4.40
 Min 0.00 0.00 0.00 0.00 0.00 0.00 6.10 6.30 4.20
 Avg 6.23 6.40 4.28

geo mean #NUM!

City Of Monroe Pump Station Info

Month of September 2017 Page 1

pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator	
					ETM	hours
1	7079.7	0.4	7662.4	0.3	299.0	0.0
2	7080.1	0.4	7662.7	0.4	299.0	0.0
3	7080.5	0.4	7663.1	0.5	299.0	0.0
4	7080.9	0.4	7663.6	0.4	299.0	0.0
5	7081.3	0.4	7664	0.4	299.0	0.0
6	7081.7	0.4	7664.4	0.3	299.0	0.3
7	7082.1	0.4	7664.7	0.5	299.3	0.0
8	7082.5	0.3	7665.2	0.3	299.3	0.0
9	7082.8	0.3	7665.5	0.4	299.3	0.0
10	7083.1	0.4	7665.9	0.4	299.3	0.0
11	7083.5	0.4	7666.3	0.3	299.3	0.0
12	7083.9	0.4	7666.6	0.5	299.3	0.0
13	7084.3	0.4	7667.1	0.3	299.3	0.2
14	7084.7	0.3	7667.4	0.4	299.5	0.0
15	7085	0.4	7667.8	0.3	299.5	0.0
16	7085.4	0.3	7668.1	0.4	299.5	0.0
17	7085.7	0.4	7668.5	0.4	299.5	0.0
18	7086.1	0.4	7668.9	0.4	299.5	0.0
19	7086.5	0.7	7669.3	0.7	299.5	0.0
20	7087.2	0.6	7670	0.6	299.5	0.3
21	7087.8	0.5	7670.6	0.5	299.8	0.0
22	7088.3	0.4	7671.1	0.4	299.8	0.0
23	7088.7	0.3	7671.5	0.4	299.8	0.0
24	7089	0.4	7671.9	0.3	299.8	0.0
25	7089.4	0.3	7672.2	0.4	299.8	0.0
26	7089.7	0.4	7672.6	0.3	299.8	0.0
27	7090.1	0.3	7672.9	0.4	299.8	2.8
28	7090.4	0.4	7673.3	0.4	302.6	0.0
29	7090.8	0.3	7673.7	0.7	302.6	0.1
30	7091.1	0.4	7674.4	0.1	302.7	0.0
1st	7091.5		7674.5		302.7	

Totals	11.8	12.1	3.7
Max	0.7	0.7	2.8
Min	0.3	0.1	0.0
Average	0.4	0.4	0.1

0

City Of Monroe Wastewater Treatment Plant Info

Month of October 2017

Page 1

Date	Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage		Decolor lbs Used	CL2 Res. mg/L
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mls per min.	mls per day	lbs Used	mls per Min	mls per day	
1	399116768	0.037440	1978331	0.000000	River		0	0.00		0	0.00
2	399154208	0.056768	1978331	0.000000	River		0	0.00		0	0.00
3	399210976	0.032640	1978331	0.000000	River		0	0.00		0	0.00
4	399243616	0.035200	1978331	0.000000	River		0	0.00		0	0.00
5	399278816	0.034816	1978331	0.000000	River		0	0.00		0	0.00
6	399313632	0.058624	1978331	0.000000	River		0	0.00		0	0.00
7	399372256	0.034016	1978331	0.000000	River		0	0.00		0	0.00
8	399406272	0.030208	1978331	0.000000	River		0	0.00		0	0.00
9	399436480	0.062752	1978331	0.000000	River		0	0.00		0	0.00
10	399499232	0.034752	1978331	0.000000	River		0	0.00		0	0.00
11	399533984	0.037600	1978331	0.000000	River		0	0.00		0	0.00
12	399571584	0.054432	1978331	0.000000	River		0	0.00		0	0.00
13	399626016	0.128000	1978331	0.000000	River		0	0.00		0	0.00
14	399754016	0.056928	1978331	0.000000	River		0	0.00		0	0.00
15	399810944	0.042040	1978331	0.000000	River		0	0.00		0	0.00
16	399852984	0.047240	1978331	0.000000	River		0	0.00		0	0.00
17	399900224	0.065984	1978331	0.000000	River		0	0.00		0	0.00
18	399966208	0.034880	1978331	0.000000	River		0	0.00		0	0.00
19	400001088	0.085792	1978331	0.000000	River		0	0.00		0	0.00
20	400086880	0.163296	1978331	0.000000	River		0	0.00		0	0.00
21	400250176	0.205280	1978331	0.000000	River		0	0.00		0	0.00
22	400455456	0.305760	1978331	0.000000	River		0	0.00		0	0.00
23	400761216	0.144384	1978331	0.000000	River		0	0.00		0	0.00
24	400905600	0.077280	1978331	0.000000	River		0	0.00		0	0.00
25	400982880	0.061664	1978331	0.000000	River		0	0.00		0	0.00
26	401044544	0.056865	1978331	0.000000	River		0	0.00		0	0.00
27	401101409	0.084575	1978331	0.000000	River		0	0.00		0	0.00
28	401185984	0.051936	1978331	0.000000	River		0	0.00		0	0.00
29	401237920	0.049408	1978331	0.000000	River		0	0.00		0	0.00
30	401287328	0.049408	1978331	0.000000	River		0	0.00		0	0.00
31	401336736	0.047008	1978331	0.000000	River		0	0.00		0	0.00
1st	401383744		1978331		River		0	0.00		0	
Totals		2.219968		0.000000	Totals			0.00		0.00	0.00
Max		0.305760		0.000000	Max			0.00		0.00	0.00
Min		0.030208		0.000000	Min			0.00		0.00	0.00
Average		0.073999		0.000000	Average			0.00		0.00	#DIV/0!

Month of October 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent				
			pH	Temp	BOD	BOD lbs	TSS		TSS lbs	pH	Temp	BOD	BOD lbs	TSS	TSS lbs
	1	0.01													
	2	0.00	7.26	17.2											
	3	0.00													
	4	0.00			885.0	259.8	488.0	143.3							
	5	0.00													
	6	0.00	6.86	16.7											
	7	0.01													
	8	0.00													
	9	0.00	7	15.3				61.0							
	10	0.02													
	11	0.17													
	12	0.37													
	13	0.43	6.72	14.3											
	14	0.01													
	15	0.00													
	16	0.00	7.68	16.7											
	17	0.00													
	18	0.00													
	19	0.65	7.33	18.7											
	20	0.27													
	21	1.20													
	22	1.19													
	23	0.00	7.41	16.8											
	24	0.00													
	25	0.00													
	26	0.01	7.345	17.3											
	27	0.00													
	28	0.00													
	29	0.04													
	30	0.00													
	31	0.00	7.61	16.2											
	1st														

BOD Removal:
 TSS Removal:

#DIV/0!
 #DIV/0!

Monroe WWTP

Month of October 2017

Month of October 2017												Overflow Events		
Eff	E-Coil	col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1	Cell #2	Cell #3	Overflow	Duration
				pH	Temp	pH	Temp	pH	Temp					
Alkalinity			1											
			2											
			3											
			4							6.55	6.80	4.20		
			5											
			6											
			7											
			8											
			9											
			10							6.60	6.80	4.15		
			11											
			12											
			13											
			14											
			15											
			16											
			17											
			18							6.80	7.00	4.20		
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26							5.50	5.50	5.80		
			27											
			28											
			29											
			30							6.30	5.10	5.10		
			31											
			1st											

Max 0.00 0.00 0.00 0.00 0.00 0.00 6.80 7.00 5.80
 Min 0.00 0.00 0.00 0.00 0.00 0.00 5.50 5.10 4.15
 Avg 0.00 0.00 0.00 0.00 0.00 0.00 6.35 6.24 4.69
 geo mean #NUM!

City Of Monroe Pump Station Info

Month of October 2017

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	7091.5	0.4	7674.5	0.4	302.7	0.0
2	7091.9	0.3	7674.9	0.5	302.7	0.1
3	7092.2	0.4	7675.4	0.3	302.8	0.0
4	7092.6	0.3	7675.7	0.4	302.8	0.3
5	7092.9	0.4	7676.1	0.4	303.1	0.0
6	7093.3	0.4	7676.5	0.2	303.1	0.0
7	7093.7	0.3	7676.7	0.4	303.1	0.0
8	7094	0.3	7677.1	0.4	303.1	0.0
9	7094.3	0.3	7677.5	0.3	303.1	0.0
10	7094.6	0.4	7677.8	0.4	303.1	0.0
11	7095	0.4	7678.2	0.4	303.1	0.2
12	7095.4	0.6	7678.6	0.5	303.3	0.0
13	7096	1.0	7679.1	1.1	303.3	0.0
14	7097	0.6	7680.2	0.6	303.3	0.0
15	7097.6	0.5	7680.8	0.6	303.3	0.0
16	7098.1	0.4	7681.4	0.4	303.3	0.1
17	7098.5	0.4	7681.8	0.4	303.4	0.0
18	7098.9	0.4	7682.2	0.4	303.4	0.0
19	7099.3	0.9	7682.6	0.9	303.4	0.0
20	7100.2	1.3	7683.5	1.3	303.4	0.0
21	7101.5	2.2	7684.8	2.2	303.4	0.0
22	7103.7	3.3	7687	3.4	303.4	0.0
23	7107	1.1	7690.4	1.2	303.4	0.0
24	7108.1	0.9	7691.6	0.9	303.4	0.0
25	7109	0.7	7692.5	0.7	303.4	0.3
26	7109.7	0.6	7693.2	0.6	303.7	0.0
27	7110.3	0.6	7693.8	0.5	303.7	0.0
28	7110.9	0.5	7694.3	0.7	303.7	0.0
29	7111.4	0.6	7695	0.5	303.7	0.0
30	7112	0.5	7695.5	0.5	303.7	0.1
31	7112.5	0.5	7696	0.5	303.8	0.0
1st	7113		7696.5		303.8	
Totals	21.5		22.0			1.1
Max	3.3		3.4			0.3
Min	0.3		0.2			0.0
Average	0.7		0.7			0.0

0

City Of Monroe Wastewater Treatment Plant Info

Month of November 2017

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Date	Influent		Discharge/Effluent		Hypo 12.5% Usage			Calcium Thiosulfate Usage		Decolor lbs Used	CL2 Res. mg/L
	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Discharge to where?	mils per min.	mils per day	lbs Used	mils per Min	mils per day	
1	401383744	0.076864	1978331	0.000000	River		0	0.00		0	0.00
2	401460608	0.054336	1978331	0.000000	River		0	0.00		0	0.00
3	401514944	0.105984	1978331	0.000000	River		0	0.00		0	0.00
4	401620928	0.063232	1978331	0.000000	River		0	0.00		0	0.00
5	401684160	0.193312	1978331	0.000000	River		0	0.00		0	0.00
6	401877472	0.095520	1978331	0.083227	River	5	7200	1.90	7	10080	2.66
7	401972992	0.076000	2061558	0.228108	River	5	7200	1.90	7	10080	2.66
8	402048992	0.111872	2289666	0.227690	River	5	7200	1.90	7	10080	2.66
9	402160864	0.235168	2517356	0.329953	River	5	7200	1.90	7	10080	2.66
10	402396032	0.290656	2847309	0.000008	River		0	0.00		0	0.00
11	402686688	0.153376	2847317	0.000000	River		0	0.00		0	0.00
12	402840064	0.120032	2847317	0.000000	River		0	0.00		0	0.00
13	402960096	0.356064	2847317	0.225858	River	5	7200	1.90	7	10080	2.66
14	403316160	0.183936	3073175	0.349057	River	5	7200	1.90	7	10080	2.66
15	403500096	0.414880	3422232	0.334729	River	5	7200	1.90	7	10080	2.66
16	403914976	0.423360	376961	0.337115	River	5	7200	1.90	7	10080	2.66
17	404338336	0.275360	4094076	0.335540	River	5	7200	1.90	7	10080	2.66
18	404613696	0.174528	4429616	0.322654	River	5	7200	1.90	7	10080	2.66
19	404788224	0.144512	4752270	0.332532	River	5	7200	1.90	7	10080	2.66
20	404932736	0.249120	5084802	0.328752	River	5	7200	1.90	7	10080	2.66
21	405181856	0.230848	5413554	0.325123	River	5	7200	1.90	7	10080	2.66
22	405412704	0.225088	5738677	0.184102	River	5	7200	1.90	7	10080	2.66
23	405637792	0.412448	5922779	0.000000	River		0	0.00		0	0.00
24	406050240	0.221248	5922779	0.000000	River		0	0.00		0	0.00
25	406271488	0.176160	5922779	0.000000	River		0	0.00		0	0.00
26	406447648	0.192832	5922779	0.000000	River		0	0.00		0	0.00
27	406640480	0.206752	5922779	0.233612	River	5	7200	1.90	7	10080	2.66
28	406847232	0.155200	6156391	0.349704	River	5	7200	1.90	7	10080	2.66
29	407002432	0.143424	6506095	0.345147	River	5	7200	1.90	7	10080	2.66
30	407145856	0.161600	6851242	0.337500	River	5	7200	1.90	7	10080	2.66
1st	407307456		7188742								
Totals		5.923712		5.210411	Totals		34.23			47.93	
Max		0.423360		0.349704	Max		1.90			2.66	1.77
Min		0.054336		0.000000	Min		0.00			0.00	0.06
Average		0.197457		0.173680	Average		1.14			1.60	0.59

Month of November 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
			pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS lbs
	1	0.00												
	2	0.22	7.57	16.5										
	3	0.05												
	4	0.12												
	5	0.71												
0.03	6	0.00	7.08	16.5										
0.05	7	0.00	7.26	15.6					8.89	15.6				
0.05	8	0.52												
0.03	9	0.57	6.94	11.9					8.22	11.1				
	10	0.70												
	11	0.01												
	12	0.13												
0.05	13	0.91												
0.04	14	0.01	7.04	13					8.11	11.1				
0.05	15	1.51												
0.07	16	0.63			63.0	222.4	34.0	120.0			19.0	53.4	14.0	39.4
0.07	17	0.15	6.93	11.5				27.0						
0.07	18	0.00							7.66	11.0				
0.06	19	0.02												
0.07	20	0.49	6.72	11.7					7.70	11.3				
0.07	21	0.15	6.66	11.9					7.58	11.7				
0.07	22	0.27												
	23	0.71												
	24	0.00												
	25	0.03												
	26	0.27												
0.07	27	0.00												
0.07	28	0.17												
0.07	29	0.00	6.89	11					7.28	11.0				
0.06	30	0.06	6.97	12.9					7.24	10.8				
	1st													
Totals		8.41												
0.07	Max	1.51	7.57	16.50	63.0	222.4	34.0	120.0	8.9	15.6	19.0	53.4	14.0	39.4
0.03	Min	0.00	6.66	11.00	63.0	222.4	34.0	120.0	7.2	10.8	19.0	53.4	14.0	39.4
0.06	Average	0.28	7.01	13.25	63.0	222.4	34.0	120.0	7.8	11.7	19.0	53.4	14.0	39.4

BOD Removal:

69.8

TSS Removal:

58.8

Monroe WWTP

Month of November 2017

Eff	E-Coli	Cell #1			Cell #2			Cell #3			Cell #1			Cell #2			Cell #3			Overflow Events	
		Date	pH	Temp	pH	Temp	pH	Temp	pH	Temp	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Level ft	Overflow Gallons	Overflow Duration
Alkalinity	col/100ml																				
		1																			
		2																			
		3																			
		4																			
		5																			
		6																			
		7																			
		8									4.70	5.00	6.40								
		9																			
		10																			
		11																			
		12																			
		13																			
		14																			
	9	15									5.30	5.60	6.65								
		16																			
45.0		17																			
		18																			
		19																			
		20																			
		21																			
		22									5.50	5.90	6.50								
		23																			
		24																			
		25																			
		26																			
		27																			
	5	28																			
		29									5.65	6.00	7.00								
		30																			
		1st																			

Max

0.00

0.00

0.00

0.00

0.00

0.00

5.65

6.00

7.00

Min

0.00

0.00

0.00

0.00

0.00

0.00

4.70

5.00

6.40

Avg

0.00

0.00

0.00

0.00

0.00

0.00

5.29

5.63

6.64

geo mean

7

City Of Monroe Pump Station Info

Month of November 2017

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	7113	0.5	7696.5	0.5	303.8	0.2
2	7113.5	0.6	7697	0.6	304.0	0.0
3	7114.1	0.7	7697.6	0.7	304.0	0.0
4	7114.8	0.6	7698.3	0.7	304.0	0.0
5	7115.4	2.1	7699	2.1	304.0	0.0
6	7117.5	1.0	7701.1	1.1	304.0	0.0
7	7118.5	1.1	7702.2	0.8	304.0	0.0
8	7119.6	1.3	7703	1.2	304.0	0.3
9	7120.9	2.4	7704.2	2.2	304.3	0.0
10	7123.3	3.5	7706.4	3.3	304.3	0.0
11	7126.8	1.8	7709.7	1.8	304.3	0.0
12	7128.6	1.5	7711.5	1.3	304.3	0.0
13	7130.1	4.1	7712.8	3.8	304.3	0.0
14	7134.2	2.3	7716.6	2.2	304.3	0.0
15	7136.5	5.0	7718.8	4.6	304.3	0.3
16	7141.5	5.0	7723.4	5.2	304.6	0.0
17	7146.5	2.9	7728.6	2.9	304.6	0.0
18	7149.4	2.0	7731.5	2.0	304.6	0.0
19	7151.4	1.7	7733.5	2.2	304.6	0.0
20	7153.1	2.4	7735.7	2.0	304.6	0.0
21	7155.5	2.2	7737.7	2.3	304.6	0.0
22	7157.7	2.4	7740	2.4	304.6	0.2
23	7160.1	5.2	7742.4	4.8	304.8	0.0
24	7165.3	2.7	7747.2	2.7	304.8	0.0
25	7168	2.1	7749.9	2.2	304.8	0.0
26	7170.1	2.4	7752.1	2.4	304.8	0.0
27	7172.5	2.0	7754.5	2.1	304.8	0.0
28	7174.5	1.9	7756.6	1.9	304.8	0.0
29	7176.4	1.8	7758.5	1.8	304.8	0.3
30	7178.2	1.6	7760.3	1.7	305.1	0.0
1st	7179.8		7762		305.1	

0

Totals	66.8	65.5	1.3
Max	5.2	5.2	0.3
Min	0.5	0.5	0.0
Average	2.2	2.2	0.0

City Of Monroe Wastewater Treatment Plant Info

Month of December 2017

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Influent			Discharge/Effluent			Hypo 12.5% Usage			Calcium Thiosulfate Usage			
Date	Chart #1 to Lagoon	MGD	Chart #2 to River	MGD	Dischar go to where?	mls per min.	mls per day	lbs Used	mls per Min	mls per day	Dechlor lbs Used	CL2 Res. mg/L
1	407307456	0.123360	7188742	0.330207	River	5	7200	1.90	7	10080	2.66	0.58
2	407430816	0.135872	7518949	0.326701	River	5	7200	1.90	7	10080	2.66	0.59
3	407566688	0.146720	7845650	0.321572	River	5	7200	1.90	7	10080	2.66	0.58
4	407713408	0.156672	8167222	0.313371	River	5	7200	1.90	7	10080	2.66	0.66
5	407870080	0.111648	8480593	0.312767	River	5	7200	1.90	9	12960	3.42	0.61
6	407981728	0.103172	8793360	0.310563	River	5	7200	1.90	9	12960	3.42	0.59
7	408084900	0.135516	9103923	0.303264	River	5	7200	1.90	9	12960	3.42	0.64
8	408220416	0.092480	9407187	0.198133	River	5	7200	1.90	9	12960	3.42	0.68
9	408312896	0.092736	9605320	0.000000	River		0	0.00		0	0.00	
10	408405632	0.092224	9605320	0.000000	River		0	0.00		0	0.00	
11	408497856	0.145888	9605320	0.177568	River	5	7200	1.90	9	12960	3.42	0.71
12	408643744	0.088800	9782888	0.282280	River	4	5760	1.52	9	12960	3.42	0.56
13	408732544	0.081472	10065168	0.278726	River	4	5760	1.52	9	12960	3.42	0.59
14	408814016	0.113536	10343894	0.194041	River	4	5760	1.52	9	12960	3.42	0.58
15	408927552	0.074240	10537935	0.000000	River		0	0.00		0	0.00	
16	409001792	0.071840	10537935	0.000000	River		0	0.00		0	0.00	
17	409073632	0.071616	10537935	0.000032	River		0	0.00		0	0.00	
18	409145248	0.107808	10537967	0.181413	River	4	5760	1.52	9	12960	3.42	0.57
19	409253056	0.157152	10719380	0.275417	River	4	5760	1.52	9	12960	3.42	0.56
20	409410208	0.207744	10994797	0.282671	River	4	5760	1.52	9	12960	3.42	0.56
21	409617952	0.175040	11277468	0.263547	River	4	5760	1.52	9	12960	3.42	0.55
22	409792992	0.143040	11541015	0.175695	River	4	5760	1.52	9	12960	3.42	0.55
23	409936032	0.133216	11716710	0.000000	River		0	0.00		0	0.00	
24	410069248	0.154816	11716710	0.000003	River		0	0.00		0	0.00	
25	410224064	0.162592	11716713	0.001834	River		0	0.00		0	0.00	
26	410386656	0.134656	11718547	0.000000	River		0	0.00		0	0.00	
27	410521312	0.125952	11718547	0.199915	River	4	5760	1.52	9	12960	3.42	0.63
28	410647264	0.151328	11918462	0.305576	River	4	5760	1.52	9	12960	3.42	0.66
29	410798592	0.212768	12224038	0.210068	River	4	5760	1.52	9	12960	3.42	0.70
30	411011360	0.201504	12434106	0.000206	River		0	0.00		0	0.00	
31	411212864	0.144096	12434312	0.000000	River		0	0.00		0	0.00	
1st	411356960		12434312									
Totals		3.905408		5.245570	Totals			33.85			65.43	
Max		0.212768		0.330207	Max			1.90			3.42	0.71
Min		0.071616		0.000000	Min			0.00			0.00	0.55
Average		0.130180		0.169212	Average			1.09			2.11	0.61

Month of December 2017

Dechlor Res. mg/L	Date	Rain	Influent		Influent			Inf Alkalinity	Effluent		Effluent			
			pH	Temp	BOD	BOD lbs	TSS		pH	Temp	BOD	BOD lbs	TSS	TSS lbs
0.06	1	0.00												
0.06	2	0.22												
0.06	3	0.04												
0.06	4	0.00	7.48	11.3					7.35	11.2				
0.06	5	0.00							7.52	8.7				
0.06	6	0.00												
0.06	7	0.00	7.06	9.3										
0.04	8	0.00												
	9	0.00												
	10	0.00												
0.06	11	0.00												
0.08	12	0.00	7.04	11.2					8.09	6.3				
0.06	13	0.00												
0.06	14	0.00	7.06	6.8	160.0	151.5	250.0		8.27	7.0	13.0	21.0	15.5	25.1
	15	0.01												
	16	0.00												
	17	0.01												
0.06	18	0.00												
0.06	19	0.76	7.07	12.8					7.36	11.1				
0.06	20	0.19												
0.06	21	0.00	6.95	7				25	7.43	7.5				
0.06	22	0.09												
	23	0.06												
	24	0.31												
	25	0.01												
	26	0.02												
0.04	27	0.03												
0.03	28	0.03	6.89	7.8					7.28	8.4				
0.04	29	0.50	7.21	9.8					7.12	9.7				
	30	0.00												
	31	0.00										0.0		0.0
	1st													
Totals		2.28												
0.08	Max	0.76	7.48	12.80	160.0	151.5	250.0		8.3	11.2	13.0	21.0	15.5	25.1
0.03	Min	0.00	6.89	6.80	160.0	151.5	250.0		7.1	6.3	13.0	0.0	15.5	0.0
0.06	Average	0.07	7.10	9.50	160.0	151.5	250.0		7.6	8.7	13.0	10.5	15.5	12.5

BOD Removal: 91.9
 TSS Removal: 93.8

Monroe WWTP

Month of December 2017

Eff	E-Coli col/100ml	Date	Cell #1		Cell #2		Cell #3		Cell #1 Level ft	Cell #2 Level ft	Cell #3 Level ft	Overflow Events	
			pH	Temp	pH	Temp	pH	Temp				Overflow Gallons	Overflow Duration
		1											
		2											
		3											
		4											
		5							5.35	5.75	6.60		
		6											
		7											
		8											
		9											
		10											
		11											
	5	12							4.90	5.20	6.30		
		13											
		14											
		15											
		16											
		17											
		18											
		19							4.70	5.00	6.20		
		20											
62.0		21											
		22											
		23											
		24											
		25											
		26											
	1	27							4.90	5.20	6.40		
		28											
		29											
		30											
		31											
		1st											

Max 0.00 0.00 0.00 0.00 0.00 0.00 5.35 5.75 6.60
 Min 0.00 0.00 0.00 0.00 0.00 0.00 4.70 5.00 6.20
 Avg 4.96 5.29 6.38

geo mean 2

City Of Monroe Pump Station Info

Month of December 2017

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pm,s

Date	Pump 1 ETM's	hours	Pump 2 ETM's	hours	generator ETM	hours
1	7179.8	1.5	7762	1.4	305.1	0.0
2	7181.3	1.6	7763.4	1.7	305.1	0.0
3	7182.9	1.8	7765.1	1.8	305.1	0.0
4	7184.7	1.4	7766.9	1.4	305.1	0.0
5	7186.1	1.3	7768.3	1.3	305.1	0.0
6	7187.4	1.2	7769.6	1.2	305.1	0.2
7	7188.6	1.1	7770.8	1.2	305.3	0.0
8	7189.7	1.1	7772	1.1	305.3	0.0
9	7190.8	1.0	7773.1	1.1	305.3	0.0
10	7191.8	1.1	7774.2	1.0	305.3	0.0
11	7192.9	1.0	7775.2	1.1	305.3	0.0
12	7193.9	0.9	7776.3	0.9	305.3	0.0
13	7194.8	0.9	7777.2	0.9	305.3	0.3
14	7195.7	0.9	7778.1	1.0	305.6	0.0
15	7196.6	0.8	7779.1	0.8	305.6	0.0
16	7197.4	0.9	7779.9	0.8	305.6	0.0
17	7198.3	0.8	7780.7	0.8	305.6	0.0
18	7199.1	0.7	7781.5	-29.1	305.6	0.0
19	7199.8	1.8	7752.4	31.8	305.6	0.0
20	7201.6	2.3	7784.2	2.3	305.6	0.2
21	7203.9	1.6	7786.5	1.6	305.8	0.0
22	7205.5	1.4	7788.1	1.4	305.8	0.0
23	7206.9	1.5	7789.5	1.5	305.8	0.0
24	7208.4	1.7	7791	1.8	305.8	0.0
25	7210.1	1.9	7792.8	1.9	305.8	0.0
26	7212	1.5	7794.7	1.5	305.8	0.0
27	7213.5	1.4	7796.2	1.5	305.8	0.3
28	7214.9	1.4	7797.7	1.4	306.1	0.0
29	7216.3	2.1	7799.1	2.2	306.1	0.0
30	7218.4	2.2	7801.3	2.2	306.1	0.0
31	7220.6	1.6	7803.5	1.7	306.1	0.0
1st	7222.2		7805.2		306.1	

0

Totals	42.4	43.2		1.0
Max	2.3	31.8		0.3
Min	0.7	-29.1		0.0
Average	1.4	1.4		0.0