

PUMP STATION 196

Jul-21		PS 196	
		METER READING	24 HOUR FLOW
FRI	1	32696890	0.170720
SAT	2	32867610	0.191130
SUN	3	33058740	0.196430
MON	4	33255170	0.191820
TUE	5	33446990	0.189200
WED	6	33636190	0.172880
THU	7	33809070	0.169850
FRI	8	33978920	0.167780
SAT	9	34146700	0.172800
SUN	10	34319500	0.168010
MON	11	34487510	0.156370
TUE	12	34643880	0.144690
WED	13	34788570	0.150650
THU	14	34939220	0.144330
FRI	15	35083550	0.150300
SAT	16	35233850	0.160030
SUN	17	35393880	0.164510
MON	18	35558390	0.148050
TUE	19	35706440	0.142660
WED	20	35849100	0.141700
THU	21	35990800	0.150080
FRI	22	36140880	0.161940
SAT	23	36302820	0.167230
SUN	24	36470050	0.172060
MON	25	36642110	0.158410
TUE	26	36800520	0.147750
WED	27	36948270	0.149480
THU	28	37097750	0.150050
FRI	29	37247800	0.165260
SAT	30	37413060	0.167200
SUN	31	37580260	0.165590
		37745850	
TOTAL			5.048960
COUNT			31
AVERAGE			0.162870
MINIMUM			0.141700
MAXIMUM			0.196430

Monthly Operations Report: June 2022

Site: LEWES WWTP

FINAL EFFLUENT OUTFALL 001																	
DATE	DAY	Flow MGD	BOD		TSS		Enteroc. col/100ml	Total P		Total N		Ammonia as N		Nitrite + Nitrate		TKN	
			mg/L	lbs	mg/L	lbs		mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs
1	Wed.	0.813					<1.0										
2	Thu.	0.842															
3	Fri.	0.858															
4	Sat.	0.862															
5	Sun.	0.681															
6	Mon.	0.796															
7	Tue.	0.798	<2.4	<16	<0.5	<3		0.6	4.13	3.1	20.37	0.1	0	2.5	17	0.6	4
8	Wed.	0.824					<1.0										
9	Thu.	0.787															
10	Fri.	0.800															
11	Sat.	0.842															
12	Sun.	0.892															
13	Mon.	0.842															
14	Tue.	0.820	<2.4	<16	0.6	4											
15	Wed.	0.809					<1.0										
16	Thu.	0.921															
17	Fri.	0.964															
18	Sat.	0.812															
19	Sun.	0.864															
20	Mon.	0.750															
21	Tue.	0.848	<2.4	<17	0.7	5											
22	Wed.	0.810					<1.0										
23	Thu.	0.665															
24	Fri.	0.858															
25	Sat.	0.786															
26	Sun.	0.724															
27	Mon.	0.825															
28	Tue.	0.717	<2.4	<14	2.1	13		0.9	5.20	3.7	22.13	0.1	0	3.1	19	0.6	4
29	Wed.	0.740					1.0										
30	Thu.	0.798															
TOTAL		24.3480															
AVERAGE		0.8116	<2.40	<15.95	<0.98	<6.25	1.0	0.75	4.67	3.38	21.25	0.07	0.44	2.80	17.59	0.58	3.66
MAXIMUM		0.9640	<2.40	<17.00	2.10	12.60	1.00	0.87	5.20	3.70	22.13	0.08	0.48	3.10	18.54	0.60	3.73
MINIMUM		0.6650	<2.40	<14.40	<0.50	<3.30	<1.00	0.62	4.13	3.06	20.37	0.06	0.40	2.50	16.64	0.56	3.59
Removal (%)			98.9		98.8												

INFLUENT						
DATE	DAY	Flow MGD	BOD		TSS	
			mg/L	lbs	mg/L	lbs
1	Wed.	0.767				
2	Thu.	0.823				
3	Fri.	0.820				
4	Sat.	0.823				
5	Sun.	0.829				
6	Mon.	0.789				
7	Tue.	0.767	210.0	1343	80.0	512
8	Wed.	0.766				
9	Thu.	0.772				
10	Fri.	0.798				
11	Sat.	0.835				
12	Sun.	0.857				
13	Mon.	0.814				
14	Tue.	0.828				
15	Wed.	0.812				
16	Thu.	0.887				
17	Fri.	0.888				
18	Sat.	0.878				
19	Sun.	0.882				
20	Mon.	0.871				
21	Tue.	0.840				
22	Wed.	0.832				
23	Thu.	0.817				
24	Fri.	0.824				
25	Sat.	0.769				
26	Sun.	0.772				
27	Mon.	0.798				
28	Tue.	0.746				
29	Wed.	0.719				
30	Thu.	0.780				
TOTAL		24.4030				
AVERAGE		0.81	210	1,343	80	512
MAXIMUM		0.89	210	1,343	80	512
MINIMUM		0.72	210	1,343	80	512
Removal (%)						

LEWES WWTF

NUTRIENT OFFSET REPORT 2022

Month	Days	Average Monthly Flow	Monthly Average TN	Total Monthly TN Discharged	TN Based 16.9 lbs Manure Offset Required	Monthly Average TP	Total Monthly TP Discharged	TP Based 285 lbs Manure Offset Required	Max Manure Equivalent	Poultry Manure Relocated	Poultry Manure Offset Balance
		MGD	mg/L	lbs	Tons	mg/L	lbs	Tons	Tons	Tons	Tons
Carry Over											500.99
June	30	-	3.38		5.80	0.75		21.56	21.56	-	479.43
July	31	-	4.38		-	1.01		-	-	-	479.43
August	31	-	-		-	-		-	-	-	-
September	30	-	-		-	-		-	-	-	-
October	31	-	-		-	-		-	-	-	-
November	30	-	-		-	-		-	-	-	-
December	31	-	-		-	-		-	-	-	-
January	31	-	-		-	-		-	-	-	-
February	28	-	-		-	-		-	-	-	-
March	31	-	-		-	-		-	-	-	-
April	30	-	-		-	-		-	-	-	-
May	31	-	-		-	-		-	-	-	-
Year Balance											479.43

Comments:



 Authorized Signatory

7/26/22

 Date