

3rd quarter 2018 Report

MBR Discharge

Date	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	Fecal cfu Mean/Max.	UV % Trans. Range	Comments
Oct-17	2.8	0	5	3.0/5.0	>100	0*	TDS 1610 mg/L, 520 mg/L Chlorides
Nov-17			13	2.3/5.5	>100	0*	
Dec-17	23.0	0	13/14	2.1/3.9	>100	0*	TDS 1170 mg/L, 230 mg/L Chlorides
Jan-18			7	1.4/2.9	>100	0*	
Feb-18	3.2	0	4	1.6/11.5	<100	0*	TDS 1190 mg/L, 200 mg/L Chlorides
March-18		1.7	2	4.07/29.8	<1	0*	
April-18	2.5		4	1.8/4.7	<1	0*	1250 TDS mg/L, 310 mg/L Chlorides
May-18		1.7	7	1.2/3.2	<1	0*	
June-18	8.3		5	2.5/10.6	<1	0*	1230 TDS mg/L, 350 mg/L Chlorides
July-18		.32	2	6/14.4	<1	0*	
Aug-18	1.5		2	7/14.1	>100	0*	1100 TDS mg/L, 230 mg/L Chlorides
Sept-18		.32	12	8/24.5	<1	0*	

3.78 mg/L TN running annual average discharged

6.33 mg/L BOD running annual average discharged

Discharge limit: <10mg/L TN, 5 cfu/100 mg/L Fecal 30 day Mean (23 cfu/100 mg/L max), 10 mg/L BOD 30 day Ave (15 mg/L max), 3 NTU 30 day Ave (5 NTU max), 20.6.2.3013 NM/AC sample group annually

***UV not functioning, using Chlorination**

Monthly Flow Data Report

Date	Influent Wastewater Meter Reading	Total Inlet Gal. Received & Treated/mo	Average GPD per month	Peak Daily GPD per month	Treated Effluent Q to Lagoon gal/mo*	Treated Effluent Q Re-used gal/mo	Sludge Wasting in Gallons	Comments
10/4/17	51649708	745357	24845	40621	789760	2160409	19672	
11/3/17	52320890	671182	22373	36419	730637	2270273	13989	
12/5/17	53130872	809982	26999	38252	827348	2227677	10787	
1/2/18	53955513	824641	27488	38479	867260	1359363	18127	
2/1/18	54767050	811537	27051	32169	740403	129506	18668	
3/1/18	55466185	699135	23304	29683	681324	152224	27317	
4/2/18	56310098	#	26262	36800	778,064	334,700	19,689	Between 4/3-4/4 lightning strike seems to have damaged meter
5/1/18	289026 #	#	29784	39700	895,030	204,595	21,667	
6/1/18	295594	#	31340	52400	1,026,775	2,811,927	12,144 [^]	[^] 6/29 7000gal pumped offsite #new meter has been ordered, it has affected the influent wastewater meter reading and total inlet gal received and treated monthly numbers
7/1/18	298620#	#	37400	61400	942,588	1,843,556	8063	7/13 Used pump truck to remove 3500 gal due to belt press being rebuilt. 7/24 Damaged to remaining blower caused plant to shut down. Brought out tanker truck to remove 19,500 gal. New blower installed same day.
8/1/18	300468#	#	36100	52500	1,021,808	508,519	21,740	
9/1/18	303743#	#	34400	54300	944,841	258,089	7369	

*To calculate the flow to the lagoon for re-use: Permeate meter difference minus (utility meter difference minus UV Recirculation meter difference). [^] Quantity based on "Re-Use" meter readings located on discharge of evaporation pond.