

Town of Edgewood Quarterly Report
 Mike Butler
 Chief Plant Operator
 (505) 228-6233

Edgewood Wastewater Treatment Facility
 Discharge Permit #1654

g.m.d.
1st quarter 2019 Report

MBR Discharge

Date	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	Fecal cfu Mean/Max.	UV % Trans. Range	Comments
April-19	2.2	1.3	4	3.4/14.3	<1	0*	1710 mg/L TDS, 520 mg/L Chlorides
May-19	1.5	1.9	2/6	2.8/7.3	<1	0*	1350 mg/L TDS, 390 mg/L Chlorides
June-19	2.2	2.0	4.4	6.14/11.3	<1	0*	1670 mg/L TDS, 500 mg/L Chlorides
July-18		.32	2	6/14.4	<1	0*	
Aug-18	1.5		2	7/14.1	>100	0*	1100 mg/L TDS, 230 mg/L Chlorides
Sept-18		.32	12	8/24.5	<1	0*	
Oct-18		.32	2.0/12	2.445/19.218	<1	0*	1070 mg/L TDS, 200 mg/L Chlorides
Nov-18	1.1		<2	4.962/16.25	<1	0*	
Dec-18		1.4	6.7	2.55/14.912	<1	0*	
Jan-19	1.3	2.5	6.0	2.52/12.99	<1	0*	1650 mg/L TDS, 500 mg/L Chlorides
Feb-19			2.0	4.46/17.52	<1	0*	
Mar-19	ND	1.5	2.0/5.0	2.79/22.80	<1	0*	1330 mg/L TDS, 200 mg/L Chlorides

1.78 mg/L TN running annual average discharged

3.9 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 NMAC sample group annually

***UV not functioning, using Chlorination**

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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
4/2/19	321964#	756,394	25,213	40,778	757,922	275,180	7,156	
5/1/19	323,989#	781,004	25,194	30,190	799,821	358,387	24,948	
6/1/19	324094#	805,506	26,850	34,281	949,811	1,595,350	28,054	# Influent meter will be replaced during construction of new headworks of the plant, meter reading is currently obtained from SCADA totalizer.
7/1/18	298620#	#	37,400	61,400	942,588	1,843,556	8,063	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#	#	36,100	52,500	1,021,808	508,519	21,740	
9/1/18	303743#	#	34,400	54,300	944,841	258,089	7,369	
10/1/18	305442#	#	35,900	47,600	1,146,665	271,059	25,280	
11/1/18	307214#	#	33,600	38,900	1,084,366	209,234	6,675	
12/1/18	308645#	#	32,500	42,900	827,356	106,539	11,397	
1/1/19	311055#	867,927	27,998	40,584	1,090,913	140,110	23,821	
2/1/19	313721#	722,993	25,821	30,882	762,346	137,135	10,796	
3/1/19	315948#	740,985	24,699	31,437	866,247	335,198	16,339	

*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.