

Town of Edgewood Quarterly Report  
 Mike Garcia  
 Plant Tech  
 (505) 670-9645

Edgewood Wastewater Treatment Facility  
 Discharge Permit #1654

3rd

**2nd 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-19	6.4	2.0	2.0/4.4	1.56/42.836	<1	0*	1350 mg/L TDS, 420 mg/L Chlorides
Aug-19	6.3	2.1	2.0/6.0	0.344/29.17	<1	0*	1620 mg/L TDS, 420 mg/L Chlorides
Sept-19		0.13	5.9	0.512/40.53	<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

**3.65 mg/L TN running annual average discharged**

**3.33 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 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	3219664#	756,394	25,213	40,718	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.
7/1/19	326684#	861,296	27,784	34,867	949,309	2,537,614	17,490	
8/1/19	70421635#	867,573	27,986	41,894	1,033,464	3,681,985	18,002	
9/3/19	71355351#	888,173	29,606	33,262	2,453,842	916,987	23,616	
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.