

Compliance History Report 2019

Brush Creek Water Pollution Control Facility

Parameter											
	CBOD	Suspended	Ammonia	Dissolved	Phosphorus	Chlorine	p H**		Flow	Fecal	Total
Limit mg/L	10/20*	solids	Nitrogen	Oxygen	2.0	Residual	standard units		MG/D	Coliform	Nitrogen
		30	2/5*	5 min		0.18	6.0	9.0	4.5	200/100*	M&R
										2100/100*	
January	7	18	0.125	7.89	1.43	0	6.6	7.1	4.168	34	15
February	3	9	0.462	8.06	0.71	0	6.4	7.2	4.812	15	12.7
March	3	9	0.245	7.11	1.21	0	6.6	7.0	3.77	6	13.4
# April	< 2.0	2	0.92	7.38	1.25	0	6.7	7.3	3.799	3	12.0
May	<2.0	<2.0	1.55	6.67	1.33	0	5.9	7	3.949	1	15
June	<2.0	<2.0	0.813	5.15	1.38	0	6.7	7.1	4.47	1	19.8
July	<2.0	<2.0	0.724	5.51	1.46	0	6.7	7.3	3.953	3	13.3
August	<2.0	<2.0	0.045	7.26	1.69	0	6.7	7.2	3.255	< 2.0	25.9
September	<2.0	<2.0	0.123	6.83	1.16	0	6.5	7.3	3.321	6	29.4
October	`	<2.0	0.052	6.91	1.08	0	6.7	7.3	3.791	3	30
November											
December											
Yearly Avg.	4.3	9.5	0.5	6.9	1.3	0.000	6.6	7.2	3.9	8.0	18.7

* different limits during the summer and winter months

- ALL flow is through MBR system

** Between 6.0 and 9.0 standard units

M&R - Monitor and Report only - added parameter with new NPDES permit renewal

***** Total Nitrogen added to new permit