

Compliance History Report 2018

Brush Creek Water Pollution Control Facility

Parameter											
Limit mg/L	CBOD 10/20*	Suspended solids 30	Ammonia Nitrogen 2/5*	Dissolved Oxygen 5 min	Phosphorus 2.0	Chlorine Residual 0.18	p H** standard units 6.0 9.0		Flow MG/D 4.5	Fecal Coliform 200/100* 2100/100*	Total Nitrogen M&R *****
January	5	10	0.231	9.56	0.58	0	6.5	7.4	4.668	45	14
February	5	7	0.511	9.35	0.6	0.01	6.8	7.2	5.610	55	13
March	7	15	0.217	9.33	0.88	0.01	6.8	7.5	3.963	57	12
April	5	18	0.636	9.42	0.78	0	6.7	7.2	4.205	58	12.1
May	4	12	0.105	8.66	0.86	0	6.6	7.3	2.804	14	13
June	4	11	0.104	8.18	1.04	0	6.9	7.4	2.771	16	15
July	3	10	0.258	7.91	1.1	0	6.9	7.6	2.757	8	15.8
August	2	7	0.511	7.39	1.29	0	7	7.5	3.259	13	17
September	2	7	0.065	7.18	1.08	0	6.9	7.3	4.81	54	12
October	3	7	0.058	7.83	0.97	0	7	7.5	4.138	19	12.9
November	2	7	0.06	7.76	0.37	0	6.7	7.4	5.569	14	11
December	2	8	0.114	6.3	0.6	0	6.8	7.7	4.438	21	11
Yearly Avg.	3.7	9.9	0.2	8.2	0.8	0.002	6.8	7.4	4.1	31.2	13.2

* different limits during the summer and winter months

** 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