

2020 Fort Frances Wastewater

Avg. Day Flow m3	Sewage Flows Year 2020				Usage % Plant Capacity	Calculated Volume Hauled M3	Sludge Bins Hauled	Removal Efficiency	
	Max Day Flow m3	Total Treated Volume ML	ByPass Volume ML	Total Volume ML				CBOD5	Suspended Solids
								0.966095968	0.976268827
5733.8	6060	177747		177747	64%	113.2	12		0.946092771
5477.0	5861	158832		158832	61%	108.2	11		
5852.1	8845	181415		181415	65%	117.1	12		
8705.3	12162	261159		261159	97%	149.3	15		
6468.6	7612	200528		200528	72%	124.4	12		
6308.4	10580	189252		189252	70%	131.0	13		
5376.8	6039	166681		166681	60%	110.5	11		
5641.0	8831	174870		174870	63%	89.9	9		
5464.9	6696	163947		163947	61%	114.8	11		
5753.3	7408	178352		178352	64%	105.8	11		
					0%				
					0%				
6078	12162	185278	0	185278	64%	116.4	117		
9000	18000	261159		261159			15		

Avg. Raw BOD (mg/L)	BOD5/CBOD5				Suspended Solids				Total Phosphorus				Nitrogen		E. Coli		pH	
	Avg. Eff. CBOD (mg/L)	Avg. Load CBOD (kg/day)	Avg. Raw S.S. (mg/L)	Avg. Eff. S.S. (mg/L)	Avg. Load S.S. (kg/day)	Avg. Raw T.P. (mg/L)	Avg. Eff. T.P. (mg/L)	Avg. Load T.P. (kg/day)	Avg. Raw T.P. (mg/L)	Avg. Eff. T.P. (mg/L)	Avg. Load T.P. (kg/day)	Avg. Raw TKN (mg/L)	Avg. Eff. Total N (mg/L)	Geo Mean Counts/100ml	Monthly Minimum	Monthly Maximum		
92.6	2.9	16.4	167.8	4.9	28.2	2.59	0.14	0.82	16.2	12.5	0.82	16.2	12.5	44.6	6.3	6.6		
112.0	9.0	15.9	163.1	5.0	27.2	3.38	0.12	0.67	16.4	13.0	0.67	16.4	13.0	22.1	6.4	7.5		
99.2	2.6	16.2	149.8	5.3	31.4	2.68	0.11	0.68	21.9	12.4	0.68	21.9	12.4	33.1	7.0	7.6		
69.8	2.9	24.2	106.4	5.1	45.8	1.88	0.11	0.96	14.5	10.1	0.96	14.5	10.1	49.0	7.0	7.4		
75.8	2.2	14.2	133.1	3.9	25.2	1.90	0.10	0.63	16.2	12.3	0.63	16.2	12.3	14.1	7.0	7.3		
79.6	2.3	13.7	154.9	3.8	23.7	1.59	0.13	0.81	17.5	12.5	0.81	17.5	12.5	15.2	6.9	7.2		
86.3	2.1	11.5	182.9	2.6	14.1	2.34	0.11	0.61	19.3	8.1	0.61	19.3	8.1	10.0	6.9	7.1		
82.4	2.0	11.4	186.8	2.5	14.2	2.46	0.17	0.96	17.3	6.8	0.96	17.3	6.8	11.5	6.7	7.1		
99.3	2.0	10.6	171.5	2.1	11.6	2.61	0.17	0.96	18.4	7.4	0.96	18.4	7.4	10.0	6.7	7.1		
90.8	2.1	11.6	163.9	2.3	13.4	2.50	0.13	0.75	19.7	7.4	0.75	19.7	7.4	15.7	6.6	7.0		
88.8	3.0	14.6	158.0	3.8	23.5	2.4	0.13	0.79	17.7	10.3	0.79	17.7	10.3	22.5	6.8	7.2		
112	9	24.2	186.8	5.3	45.8	3.4	0.17	0.96	21.9	13	0.96	21.9	13	49	7	7.6		
	25	225		25	225		1.0	9.0						200	6.0	9.5		