

2020 Fort Frances Wastewater

Month	Sewage Flowa Year 2020						Usage	Calculated	Sludge	Removal Efficiency		
	Avg. Day Flow m3	Max Day Flow m3	Total		Total Volume ML	Blins				Suspended Solids	Total Phosphorus	
			Treated Volume ML	ByPass Volume ML								
January	5733.8	6060	177747		177747	113.2	12					
February	5477.0	5861	158832		158832	108.2	11					
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
Sum				0		336579	23					
Average	5605		168290			110.7	11.5					
Max		6060	177747				12					
ECA	9000	18000										

	BOD5/CBODs				Suspended Solids				Total Phosphorus				Nitrogen			E. Coli		pH	
	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Raw	Avg. Eff.	Geo Mean	Counts	Monthly Minimum	Monthly Maximum		
	BOD (mg/L)	CBOD (mg/L)	CBOD (kg/day)	T.P (mg/L)	S.S (mg/L)	S.S (kg/day)	T.P (mg/L)	T.P (mg/L)	T.P (kg/day)	TKN (mg/L)	Total N (mg/L)	Geo Mean	Counts	Monthly Minimum	Monthly Maximum				
Month																			
January	97.6	2.9	16.4		4.9	28.2	2.59	0.14	0.82	16.2	12.5	44.6		6.3	6.6				
February	112.0	9.0	15.9		5.0	27.2	3.38	0.12	0.67	16.4	13.0	22.1		6.4	7.5				
March																			
April																			
May																			
June																			
July																			
August																			
September																			
October																			
November																			
December																			
Average	102.3	6.0	16.2		5.0	27.7	3.0	0.13	0.75	16.3	12.8	33.4		6.4	7.1				
Max	112	9	16.4		5	28.2	3.4	0.14	0.82	16.4	13	44.6		6.4	7.5				
ECA		25	225		25	225		1.0	9.0			200		6.0	9.5				