

2022 Fort Frances Wastewater

Month	Sewage Flows Year 2022					Usage	Calculated	Sludge	Removal Efficiency	
	Avg. Day	Max Day	Total	Total	Total	% Plant	Volume	Bins	CBOD5 0.967684978	
	Flow	Flow	Treated	ByPass	Volume	Capacity	Hauled	Hauled	Suspended Solids 0.983785982	
	m3	m3	Volume ML	Volume ML	ML		M3		Total Phosphorus 0.986196319	
January	5347.3	5710	165767		165767	59%	111.0	12		
February	5220.0	7432	146159		146159	58%	96.8	10		
March	5843.3	6920	181143		181143	65%				
April						0%				
May						0%				
June						0%				
July						0%				
August						0%				
September						0%				
October						0%				
November						0%				
December						0%				
Sum				0	493069		207.8	22		
Average	5470		164356		164356	62%	103.9	11.0		
Max		7432	181143		181143			12		
ECA	9000	18000								

	BOD5/CBOD5			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.	Geo Mean	Monthly	Monthly
Month	BOD	CBOD	CBOD	S.S	S.S	S.S	T.P	T.P	T.P	TKN	Total N	Counts	Minimum	Maximum
	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	/100ml		
January	111.3	4.5	24.1	185.2	3.5	18.7	2.92	0.14	0.75	19.53	13.05	49.7	7.0	7.5
February	139.0	4.0	20.8	212.5	3.3	17.8	3.18	0.13	0.66	20.8	16.0	13.2	7.1	7.4
March	106.5	3.0	17.0	192.5	2.8	16.9	26.50	0.18	1.06	16.4	15.5	34.8	7.1	7.3
April														
May														
June														
July														
August														
September														
October														
November														
December														
Average	118.9	3.8	20.6	196.7	3.2	17.8	10.87	0.15	0.82	18.9	14.9	32.6	7.1	7.4
Max	139	4.53	24.1	212.5	3.47	18.65	26.50	0.18	1.06	20.8	16.0	49.7	7.1	7.5
ECA		25	225		25	225		1.0	9.0			200	6.0	9.5