

CITY OF WINNIPEG  
 WATER & WASTE DEPARTMENT  
 LABORATORY SERVICES DIVISION

**NORTH-END WATER POLLUTION CONTROL CENTRE**

2230 Main Street

**1997**

STATISTICAL SUMMARY OF ANALYTICAL DATA (MONTHLY MEANS)

1997  MONTH	RAW SEWAGE FLOWS		BIOCHEMICAL OXYGEN DEMAND			TOTAL ORGANIC CARBON		TOTAL SUSPENDED SOLIDS		TOTAL KJELDAHL NITROGEN		TOTAL AMMONIA		NITRATE-NITRITE		TOTAL PHOSPHORUS	
	DAILY MEAN	MONTHLY TOTAL	Raw Sewage	Final Effluent		Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent
	(ML/D)	(ML)	(mg/L)	(mg/L)	<i>CBOD</i> (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L N)	(mg/L N)	(mg/L N)	(mg/L N)	(mg/L N)	(mg/L N)	(mg/L P)
JANUARY	190.2	5,897	258	15	<10	141	34	317	15	54.7	38.2	36.3	33.0	<.04	0.78	7.4	3.6
FEBRUARY	199.9	5,797	247	23	13	167	36	285	30	53.2	39.0	33.1	32.3	0.04	0.24	6.4	3.6
MARCH	242.1	7,505	273	23	13	156	31	370	34	54.1	34.3	33.0	28.9	<.04	0.58	7.7	3.2
APRIL	547.4	16,423	98	31	21	61	30	207	54	20.2	15.8	12.2	9.8	1.14	1.65	3.3	1.7
MAY	368.0	11,409	147	46	<10	115	65	235	66	26.5	25.3	15.2	20.2	0.46	0.50	4.1	2.3
JUNE	254.2	7,625	162	17	<10	111	39	243	21	33.3	26.7	26.1	23.8	0.06	0.48	4.7	2.1
JULY	253.4	7,855	161	28	<10	82	29	287	19	35.6	26.3	23.5	24.5	0.11	0.92	5.0	2.2
AUGUST	239.9	7,438	169	25	<10	106	28	253	18	44.5	28.8	27.1	24.3	<.04	1.7	6.1	2.5
SEPTEMBER	236.8	7,103	182	28	<10	100	28	208	18	40.7	28.2	27.5	23.3	<.04	2.06	4.6	2.2
OCTOBER	264.1	8,188	178	40	<10	100	26	197	25	38.0	31.7	26.0	17.6	0.12	3.07	4.2	3.0
NOVEMBER	224.6	6,739	166	24	<10	116	28	211	21	38.9	31.0	27.5	25.5	0.12	0.77	4.7	2.9
DECEMBER	161.5	5,006	235	24	<10	127	34	243	22	46.7	36.4	33.7	31.9	<.04	0.41	6.7	3.5
MEAN	265.2	8,082	190	27	<10	115	34	255	29	40.5	30.1	26.8	24.6	0.18	1.09	5.4	2.7

TOTAL 1996 FLOW (ML): 96,985

NS - NO SAMPLE  
 NR - NO RESULT

CBOD - Carbonaceous Biochemical Oxygen Demand

Analytical data verified by: \_\_\_\_\_  
*Supervisor of Analytical Services Branch*

Date verified: \_\_\_\_\_  
 File: 040-17-08-12-00 (F)