

CITY OF WINNIPEG  
WATER & WASTE DEPARTMENT  
LABORATORY SERVICES DIVISION

**SOUTH-END WATER POLLUTION CONTROL CENTRE**  
100 Ed Spencer Drive

**1996**

STATISTICAL SUMMARY OF ANALYTICAL DATA (MONTHLY MEANS)

1996  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	Primary Effluent	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)	(mg/L)	(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	48.0	1,488.2	NS	195	30	17	NS	38	NS	16	NS	35.8	NS	27.6	NS	2.28	NS	5.3
FEBRUARY	47.8	1,384.8	NS	163	39	20	NS	36	NS	16	NS	34.2	NS	27.9	NS	1.83	NS	5.0
MARCH	51.2	1,588.7	324	110	17	<10	248	33	219	12	48.3	27.1	30.5	16.7	0.14	2.43	7.3	4.1
APRIL	98.2	2,947.3	228	85	20	<10	152	22	224	8	28.3	18.0	14.6	9.0	1.07	3.83	5.9	2.3
MAY	89.8	2,782.3	204	82	24	<10	89	23	180	10	33.2	21.5	15.3	8.2	0.88	2.50	7.0	2.5
JUNE	73.0	2,189.1	310	87	28	<10	94	21	380	8	39.3	15.7	20.9	11.6	0.07	2.98	6.4	2.0
JULY	58.7	1,818.4	227	147	42	<10	92	22	285	6	37.7	16.0	23.1	11.9	0.33	5.00	6.1	2.6
AUGUST	66.4	2,057.9	228	131	23	<10	167	17	308	7	32.9	6.6	22.1	2.1	0.33	10.2	5.2	2.5
SEPTEMBER	59.2	1,777.1	232	139	28	<10	108	22	252	6	30.2	14.3	20.3	8.5	0.12	8.25	4.9	6.1
OCTOBER	55.0	1,704.3	NS	163	36	<10	NS	25	NS	7	NS	15.2	NS	12.5	NS	7.63	NS	3.4
NOVEMBER	52.6	1,576.5	NS	120	28	<10	NS	30	NS	13	NS	27.3	NS	23.0	NS	4.73	NS	3.9
DECEMBER	49.6	1,538.8	225	136	31	<10	146	27	187	9	46.9	26.5	28.7	21.5	0.29	3.04	6.8	3.4
MEAN	62.5	1,904.4	247	130	29	<10	137	26	254	10	37.1	21.5	21.9	15.0	0.40	4.56	6.2	3.6

TOTAL 1996 FLOW (ML): 22,853

NS - NO SAMPLE

CBOD - Carbonaceous Biochemical Oxygen Demand

Approved for distribution: \_\_\_\_\_  
Supervisor of Analytical Services Branch

Date approved: 19-Nov-98