

CITY OF WINNIPEG
WATER & WASTE DEPARTMENT
LABORATORY SERVICES DIVISION

SOUTH-END WATER POLLUTION CONTROL CENTRE

100 Ed Spencer Drive

2000

STATISTICAL SUMMARY OF ANALYTICAL DATA (MONTHLY MEANS)

2000 MONTH	RAW SEWAGE FLOWS		TOTAL SUSPENDED SOLIDS		BIOCHEMICAL OXYGEN DEMAND			TOTAL ORGANIC CARBON				TOTAL KJELDAHL NITROGEN			TOTAL AMMONIA			NITRATE-NITRITE		TOTAL PHOSPHOROUS		
	DAILY MEAN	MONTHLY TOTAL	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent <i>CBOD</i>		Raw Sewage	Primary Effluent	Sec. Eff. Composite (filtrate)	Final Effluent	Raw Sewage	Final Effluent	Primary Sludge	Raw Sewage	Final Effluent	Primary Sludge	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Primary Sludge
	(ML/D)	(ML)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
JANUARY	48.7	1,510.7	343	12	304	15	9	242	113	25	30	54.7	32.0	1,509	34.8	29.2	581	0.06	1.74	8.2	4.2	327
FEBRUARY	54.1	1,569.4	298	17	280	28	10	168	93	21	25	40.8	27.7	1,251	29.7	24.3	474	<0.04	2.54	6.0	3.7	294
MARCH	53.8	1,666.7	304	9	255	26	5	174	93	21	23	40.3	27.5	1,417	28.1	22.5	458	<0.04	3.00	6.2	3.8	306
APRIL	52.3	1,570.5	269	10	287	26	7	201	101	21	22	44.9	28.3	1,324	30.0	24.3	449	<0.04	3.35	6.7	3.7	305
MAY	60.4	1,872.1	318	10	274	16	5	221	91	19	20	38.9	24.7	1,545	25.4	13.0	465	<0.04	1.95	5.7	3.3	337
JUNE	105.5	3,165.8	416	14	266	19	6	239	59	15	20	26.1	17.7	1,580	15.0	11.3	492	0.06	3.00	4.1	3.0	373
JULY	83.9	2,602.3	609	11	310	27	<5	331	62	17	19	30.7	15.5	1,554	16.3	12.1	587	<0.04	3.82	4.7	2.4	339
AUGUST	62.3	1,930.4	632	9	393	24	4	335	72	17	19	34.2	19.9	1,714	21.3	16.6	451	<0.04	2.88	5.5	2.4	400
SEPTEMBER	66.8	2,004.1	510	7	338	32	<5	317	76	16	21	37.3	20.1	1,493	23.2	16.9	370	<0.04	3.29	6.0	3.3	346
OCTOBER	48.7	1,508.8	962	7	522	31	5	483	106	20	23	49.6	24.5	1,576	27.0	21.5	467	<0.04	3.82	8.2	4.3	371
NOVEMBER	70.6	2,116.5	571	7	304	20	5	283	74	17	22	34.4	20.3	1,485	18.9	15.2	475	<0.04	3.44	5.7	3.5	345
DECEMBER	49.9	1,546.6	567	8	341	25	8	337	102	24	25	47.8	29.3	1,439	28.7	24.9	486	<0.04	1.77	8.1	4.7	311
MEAN	63.1	1,922.0	483	10	323	24	6	278	87	19	22	40.0	24.0	1,491	24.9	19.3	479	0.06	2.88	6.3	3.5	338

TOTAL 2000 FLOW (ML): 23,064

NS - NO SAMPLE

NR - NO RESULT

NA - NOT ANALYZED

CBOD - Carbonaceous Biochemical Oxygen Demand