

CITY OF WINNIPEG  
 WATER & WASTE DEPARTMENT  
 LABORATORY SERVICES DIVISION

## SOUTH-END WATER POLLUTION CONTROL CENTRE

100 Ed Spencer Drive

### 2001

#### STATISTICAL SUMMARY OF ANALYTICAL DATA (MONTHLY MEANS)

2001  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		Raw Sewage	Final Effluent	Raw Sewage	Final Effluent (24 hr.)	Final Effluent (24 hr.)	Final Effluent (24 hr.)	Raw Sewage	Final Effluent (24 hr.)
	(ML/D)	(ML)	(mg/L)	(mg/L)	(mg/L)	BOD (mg/L)	CBOD (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L N)	(mg/L N)	(mg/L N)	(mg/L P)	(mg/L P)
JANUARY	53.3	1,651.5	429	9	352	21	6	280	24	47	30	28.3	1.78	7.6	4.6
FEBRUARY	59.7	1,671.4	407	8	351	18	8	279	29	48	33	29.3	0.53	7.9	4.7
MARCH	62.4	1,935.8	663	13	370	20	12	303	30	45	31	27.7	0.25	7.8	4.7
APRIL	81.6	2,448.3	1633	14	427	16	8	397	22	35	21	16.9	0.64	6.0	3.0
MAY	85.3	2,643.5	1170	14	336	26	8	400	20	9	7	14.3	0.95	7.3	2.7
JUNE	71.5	2,143.5	1759	15	438	29	9	483	24	33	24	18.8	1.02	5.2	3.1
JULY	73.0	2,262.7	1210	14	427	19	7	430	24	33	21	16.5	1.69	5.8	3.0
AUGUST	64.7	2,004.6	1000	9	428	29	7	379	21	31	17	15.9	3.87	5.1	2.9
SEPTEMBER	56.2	1,687.0	2873	8	496	20	6	587	24	44	28	25.3	2.05	7.0	4.4
OCTOBER	54.9	1,701.6	2344	11	754	21	7	712	24	50	30	26.5	1.85	12.2	3.8
NOVEMBER	52.0	1,560.0	3703	10	992	19	7	672	25	52	32	28.2	1.61	8.2	4.3
DECEMBER	49.2	1,525.0	NS	11	NS	14	8	NS	27	NS	35	31.9	0.97	NS	4.5
MEAN	63.6	1,936.3	1563	11	488	21	8	448	24	39	26	23.3	1.43	7.3	3.8

TOTAL 2001 FLOW (ML): 23,235

NS - NO SAMPLE

CBOD - Carbonaceous Biochemical Oxygen Demand

Comment: Raw sewage not sampled due to a systemic autosampling problem causing unrepresentative solids.