

CITY OF WINNIPEG
WATER & WASTE DEPARTMENT
LABORATORY SERVICES DIVISION

WEST-END WATER POLLUTION CONTROL CENTRE

7740 Wilkes Avenue

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	Final Effluent		Conv. Lagoon Eff.		Raw Sewage	Final Effluent	Conv. Lag. Eff.	Raw Sewage	Final Effluent	Conv. Lag. Eff.	Raw Sewage	Final Effluent	Conv. Lag. Eff.	Raw Sewage	Final Effluent	Conv. Lag. Eff.	Raw Sewage	Final Effluent	Conv. Lag. Eff.	Raw Sewage	Final Effluent	Conv. Lag. Eff.
	(ML/D)	(ML)	(mg/L)	CBOD		CBOD		(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 N)	(mg/L N)	(mg/L N)	(mg/L P)	(mg/L P)
JANUARY	23.0	713.5	361	57	16	31	11	124	32	31	371	26	9	44.2	33.7	28.5	28.4	25.3	12.5	0.11	1.21	0.13	7.0	5.1	4.9
FEBRUARY	23.2	671.9	281	48	12	42	14	116	31	31	300	14	11	43.7	30.4	34.4	28.9	23.7	28.8	0.07	2.63	0.07	7.1	4.6	6.5
MARCH	25.4	788.3	196	60	17	23	9	116	33	36	258	19	14	39.3	23.7	33.3	26.5	18.5	28.5	0.06	4.93	<.04	6.3	4.3	6.7
APRIL	53.5	1,604.5	96	33	18	28	22	65	22	33	212	22	29	23.0	13.8	18.0	10.9	7.7	12.2	1.12	5.00	1.77	3.5	2.3	3.3
MAY	42.4	1,315.7	159	40	14	19	11	66	27	22	218	21	36	28.5	14.7	10.0	16.8	3.0	2.0	0.49	7.02	2.12	4.5	3.0	2.2
JUNE	41.4	1,240.5	139	33	<10	22	<10	68	20	24	218	15	39	27.5	10.3	9.1	15.4	3.2	2.8	0.23	5.55	0.82	4.0	3.3	3.5
JULY	31.9	988.9	221	46	<10	40	10	103	24	26	204	14	28	28.6	16.9	12.9	18.2	10.3	7.9	0.19	4.03	0.58	4.7	3.2	4.3
AUGUST	31.7	982.9	190	45	<10	37	<10	90	22	34	189	15	28	29.4	41.0	17.8	23.3	36.2	15.1	0.19	4.41	1.10	4.7	2.9	4.3
SEPTEMBER	29.6	889.0	218	31	14	31	<10	102	20	26	247	15	20	37.1	12.2	15.5	22.4	6.5	5.1	<.04	6.25	1.40	5.2	2.6	3.8
OCTOBER	27.6	856.6	236	32	11	47	15	88	24	30	248	15	38	37.4	10.6	15.8	25.4	4.6	5.8	<.04	6.61	2.24	6.0	3.0	2.3
NOVEMBER	26.3	789.8	208	35	<10	32	<10	104	24	24	296	14	21	42.5	16.7	22.6	27.5	11.7	15.4	0.05	6.82	1.27	6.4	3.6	3.7
DECEMBER	25.6	795.1	252	31	<10	39	<10	164	36	40	227	18	13	42.1	20.6	26.7	29.4	16.8	24.7	0.06	8.19	0.20	6.7	4.1	4.8
MEAN	31.8	969.7	213	41	11	33	10	100	26	30	249	17	24	35.3	20.4	20.4	22.8	13.9	13.4	0.22	5.22	0.98	5.5	3.5	4.2

TOTAL 1996 FLOW (ML): 11,637

NS - NO SAMPLE

CBOD - Carbonaceous Biochemical Oxygen Demand

Approved for distribution: _____
Supervisor of Analytical Services Branch

Date approved: _____