

WEST END WATER POLLUTION CONTROL CENTRE

7740 Wilkes Avenue

2001

ANALYTICAL DATA SUMMARY

MONTH	RAW SEWAGE FLOWS		TOTAL SUSPENDED SOLIDS			BIOCHEMICAL OXYGEN DEMAND					TOTAL ORGANIC CARBON			TOTAL KJELDAHL NITROGEN			TOTAL AMMONIA		NITRATE + NITRITE		TOTAL PHOSPHORUS		
	DAILY MEAN	MONTHLY TOTAL	Raw Sewage	ASP Effluent	Final Cell Effluent	Raw Sewage	ASP Effluent		Final Cell Effluent		Raw Sewage	ASP Effluent	Final Cell Effluent	Raw Sewage	ASP Effluent	Final Cell Effluent	ASP Effluent	Final Cell Effluent	ASP Effluent	Final Cell Effluent	Raw Sewage	ASP Effluent	Final Cell Effluent
	(ML/D)	(ML)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	BOD	CBOD	BOD	CBOD	(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 P)	(mg/L P)	(mg/L P)
JANUARY	27.4	850	212	12	7	231	17	10	12	6	153	22	25	38	29	30	26.1	28.4	0.74	0.39	7.0	4.9	5.7
FEBRUARY	26.5	767	227	11	8	226	18	10	12	5	153	29	27	41	31	33	26.3	28.9	0.82	0.28	7.4	5.2	5.7
MARCH	30.3	938	292	13	15	236	20	12	20	13	134	28	28	37	29	29	24.7	24.0	0.72	0.44	6.8	4.8	5.2
APRIL	43.0	1,291	222	12	19	200	20	12	21	11	117	25	22	29	20	17	16.2	12.9	1.01	0.85	4.9	3.2	2.9
MAY	42.4	1,313	237	16	29	198	21	9	40	17	101	22	25	25	20	11	14.4	4.5	1.11	1.39	4.4	3.2	3.4
JUNE	37.0	1,109	230	19	21	168	18	10	24	9	110	24	25	31	23	12	18.4	6.4	0.82	1.93	5.1	3.5	4.2
JULY	40.6	1,259	154	20	16	139	20	10	20	7	91	26	22	27	20	7	15.8	4.5	1.10	2.17	4.7	3.4	4.0
AUGUST	37.2	1,152	146	8	11	141	19	5	18	7	115	20	20	28	19	6	16.1	2.1	1.78	1.45	4.6	3.2	4.3
SEPTEMBER	29.8	894	180	11	12	235	16	8	<8	<4	140	24	20	35	28	8	24.3	4.5	0.67	1.32	5.9	4.2	5.4
OCTOBER	27.7	858	205	17	20	240	18	10	14	5	147	28	19	37	31	17	26.3	14.5	0.99	1.00	6.0	4.6	3.7
NOVEMBER	27.0	811	213	12	15	227	18	9	17	8	145	26	22	40	31	25	27.3	19.7	1.52	1.60	6.7	4.5	3.8
DECEMBER	26.8	830	253	14	9	251	18	9	17	6	164	26	23	44	33	31	28.9	27.1	1.64	1.71	8.8	4.7	5.0
MEAN	33.0	-	214	14	15	208	19	9	18	9	131	25	23	34	26	19	22.1	14.8	1.08	1.21	6.0	4.1	4.4

ASP - Activated Sludge Plant Effluent
 CBOD - Carbonaceous Biochemical Oxygen Demand

TOTAL 2001 FLOW (ML): 12,074