

NORTH-END WATER POLLUTION CONTROL CENTRE
2230 Main Street

1999

STATISTICAL SUMMARY OF MONTHLY ANALYTICAL DATA

1999 MONTH	RAW SEWAGE FLOWS		RAW SEWAGE TEMP.	TOTAL SUSPENDED SOLIDS			BIOCHEMICAL OXYGEN DEMAND			TOTAL ORGANIC CARBON						TOTAL KJELDAHL NITROGEN			TOTAL AMMONIA			NITRATE + NITRITE		TOTAL PHOSPHOROUS				
	DAILY MEAN	MONTHLY TOTAL	MONTHLY MEAN	Raw Sewage	Primary Effluent	Final Effluent	Raw Sewage	Primary Effluent	Final Effluent	Raw Sewage	Primary Effluent	Sec. Eff. Composite	Secondary Effluent			Final Effluent	Raw Sewage	Final Effluent	Centrate	Raw Sewage	Final Effluent	Centrate	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Centrate	
	(ML/D)	(ML)	°C	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	S. Eff. #1 S. Eff. #2 S. Eff. #3			(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 N)	(mg/L N)	(mg/L N)
JANUARY	168	5,199	-	414	125	29	305	174	28	15	153	95	NA	28	35	34	38	47.1	38.5	921	34.2	35.5	812	<0.04	0.36	6.1	3.7	80
FEBRUARY	185	5,170	-	502	139	35	306	173	44	18	205	106	NA	31	38	42	41	44.8	36.5	851	31.6	33.7	749	<0.04	0.72	5.7	3.5	59
MARCH	217	6,724	10.6	232	104	33	195	138	27	17	118	85	NA	28	32	34	36	41.8	32.5	1,012	32.6	28.6	871	<0.04	0.40	4.9	2.7	66
APRIL	283	8,501	10.5	297	125	26	171	98	26	12	93	62	NA	20	23	23	27	36.5	25.4	843	25.2	23.8	783	<0.04	0.87	4.7	2.1	54
MAY	302	9,365	13.5	385	107	32	174	97	28	11	119	73	NA	28	35	33	43	37.5	26.0	912	28.5	21.8	728	<0.04	1.18	5.1	2.1	54
JUNE	260	7,788	16.4	256	95	24	197	123	55	10	122	88	NA	29	35	31	38	39.5	24.6	701	24.4	20.5	580	0.04	2.08	5.3	2.2	45
JULY	270	8,365	18.2	228	66	23	137	86	37	7	119	79	NA	20	24	24	31	30.3	22.3	659	20.7	17.9	575	0.19	2.76	4.4	2.5	49
AUGUST	241	7,459	19.6	314	88	21	194	116	56	10	158	83	NA	21	25	26	29	38.5	24.2	699	24.2	18.8	594	<0.04	7.42	4.5	2.9	43
SEPTEMBER	245	7,345	18.6	305	88	20	217	122	40	10	144	82	NA	18	18	22	24	37.0	19.0	571	25.5	16.6	498	0.06	5.73	4.7	2.6	39
OCTOBER	207	6,412	17.1	313	90	20	217	128	63	10	183	97	NA	23	22	25	28	42.6	27.0	765	28.5	22.4	638	<0.04	7.07	5.6	3.3	66
NOVEMBER	186	5,577	15.9	195	75	19	204	142	59	12	145	108	19	*	*	*	29	46.1	27.9	798	34.1	24.8	706	0.12	6.84	5.7	3.3	61
DECEMBER	175	5,430	14.3	295	100	17	236	180	28	10	190	126	21	*	*	*	30	51.5	36.2	806	37.4	33.6	763	0.15	1.39	6.5	3.5	62
MEAN	228	-	15.5	311	100	25	213	131	41	12	146	90	20	25	29	29	33	41.1	28.3	795	28.9	24.8	692	0.11	3.07	5.3	2.9	56.5

TOTAL 1999 FLOW (ML): **83,333**

Comments: Note 1: * TOC on Secondary Effluent #1, #2, & #3 discontinued at end of October/99; SOC being routinely monitored in Secondary Effluent Composite effective November 1st.
Note 2: AMMONIA & NITRATE DATA ON FINAL EFFLUENT ARE SUSPECT; - (DUE TO POSSIBLE NITRIFICATION OCCURRING WITHIN SAMPLER).