

*Not Tested (NT) No Sample (NS)

ANALYSIS	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	HIGH	LOW	AVE
pH - pH Units	9.5	10.2	NS	10.9	10.6	10.4	11	9.9	9.7	9.8	8.8	8.8	11	8.8	9.96
EC (Electrical Conductivity) - µS/cm	337000	360000	NS	458000	441000	462000	495000	270000	390000	440000	412000	460000	495000	270000	411363.64
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	1230	1150	NS	1090	1250	1240	518	925	796	397	380	323	1250	323	845.36
Total P (Phosphorus) - mg/L	5.77	97.3	NS	68.5	74	92.5	22.1	14.1	30.4	11.1	10.9	8.33	97.3	5.77	39.55
Total Suspended Solids - mg/L	1608.7	2700	NS	1860	2780	2880	1100	2140	3940	3680	2060	2840	3940	1100	2508.06
TDS (Total Dissolved Solids) - mg/L	246000	151000	NS	226000	252000	215000	194000	168000	255000	269000	221000	204000	269000	151000	218272.73
BOD (Biological Oxygen Demand) - mg/L	8220	7950	NS	3640	2*	3680	2580	3670	3190	1980	2200	2950	8220	1980	4006.00
COD (Chemical Oxygen Demand) - mg/L	24000	21800	NS	10200	17100	9500	15200	13700	15600	9200	16400	9280	24000	9200	14725.45
Nitrate - mg/L	0.1	0.1	NS	0.11	0.1	0.19	0.2	0.11	0.1	0.1	0.5	0.01	0.5	0.01	0.15
Nitrite N - mg/L	0.1	0.15	NS	0.14	0.2	0.13	0.2	0.01	0.1	0.1	0.1	0.01	0.2	0.01	0.11
DEM (Oil & Grease) - mg/L	14	13	NS	21	5	13	8	12	5	8	7	10	21	5	10.55
Sulphide as S2 - mg/L	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	0.5	0.2	0.1	0.5	0.1	0.27
Sulphur as S - mg/L	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	171	132	190	190	132	164.33
Sulphite as SO3 2- mg/L	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	2	2	2	2	2	2.00
Chloride - mg/L	84737	164770	NS	290006	129309	134404	152602	140246	165069	151601	94530	121856	290006	84737	148102.73
Sodium - mg/L	95363	97374	NS	157968	87634	84657	112811	64538	100323	84021	79996	84916	157968	64538	95418.27
Potassium - mg/L	700	71.9	NS	1460	653	706	1040	665	1490	733	589	692	1490	71.9	799.99
Calcium - mg/L	44	232	NS	23	44	45	39	28	48	22	30	33	232	22	53.45
Magnesium - mg/L	36.6	193	NS	15.7	79.2	49	65.1	40.5	41.8	44.7	57.4	69.4	193	15.7	62.95
SAR	2575	1143	NS	6233	1826	2083	2567	1822	215	2372	1973	1925	6233	215	2248.55