

*Not Tested (NT) No Sample (NS)

ANALYSIS	LOR	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	HIGH	LOW	AVE
pH - pH Units	-	9.4	9.3	10.51	10.73	9.58	9.5	9.73	9.58	9.02	10.06	10.24	10.47	10.73	9.02	9.84
EC (Electrical Conductivity) - µS/cm	5	497000	364000	216000	230000	233000	226000	215000	227000	230000	216000	228000	220000	497000	215000	258500.00
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	0.05	588	327	440	510	540	530	480	390	410	470	310	320	588	310	442.92
Total P (Phosphorus) - mg/L	0.01	10.4	51.7	8.8	13	10	11	5.3	14	11	6.9	3.9	7.1	51.7	3.9	12.76
Total Suspended Solids - mg/L	1	1450	1940	400	1300	220	320	200	320	1500	1500	1500	2100	2100	200	1062.50
TDS (Total Dissolved Solids) - mg/L	1	270000	198000	193000	237000	226000	226000	209000	239000	234000	215000	229000	231000	270000	193000	225583.33
BOD (Biological Oxygen Demand) - mg/L	2	4650	2650	3100	3200	2900	2600	3400	2800	2000	1800	2400	2400	4650	1800	2825.00
COD (Chemical Oxygen Demand) - mg/L	2	11200	6960	4200	5000	4200	4200	4600	8300	11400	3300	5100	18000	18000	3300	7205.00
Nitrate - mg/L	0.005	0.1	0.05	0.05	3.3	1.1	0.89	0.88	1.3	2.7	2.4	0.9	0.95	3.3	0.05	1.22
Nitrite N - mg/L	0.005	0.1	0.05	0.05	0.13	1.3	1	0.092	1.4	0.19	0.23	0.047	0.081	1.4	0.047	0.39
DEM (Oil & Grease) - mg/L	2	7	10	4	2	6	6	6	0.14	2	2	2	5	10	0.14	4.35
Sulphide as S2 - mg/L	0.02	0.2	0.3	2.83	2.88	7.67	2.69	3.17	2	0.2	2.3	0.02	3.07	7.67	0.02	2.28
Sulphur as S - mg/L	0.1	217	214	230	260	220	230	300	10	220	7	230	260	300	7	199.83
Sulphite as SO3 2- mg/L	0.05	2	2	5	6	0.5	6	6	190	5	0.5	0.5	0.5	190	0.5	18.67
Chloride - mg/L	2	153612	105000	140000	160000	130000	130000	120000	140000	150000	140000	150000	150000	160000	105000	139051.00
Sodium - mg/L	1	90823	64000	83500	93800	95800	82200	93200	77800	87600	90700	119000	67300	119000	64000	87143.58
Potassium - mg/L	0.2	994	721	1380	1230	720	1250	830	1020	1120	1250	1010	1320	1380	720	1070.42
Calcium - mg/L	0.1	18	11.9	8.5	20	23	34	47	25	41	26	37	35	47	8.5	27.20
Magnesium - mg/L	0.05	92.5	76.5	3	0.68	46	53	62	52	80	49	38	12	92.5	0.68	47.06
SAR	0.8	1915	1501	6260	5610	2650	2420	2100	2030	1830	2410	3280	2500	6260	1501	2875.50
Sulphate - mg/L	5	636	507	610	650	670	710	770	520	560	620	660	680	770	507	632.75
Total N (Nitrogen) - mg/L	0.05	588	327	440	510	540	530	480	390	410	470	310	320	588	310	442.92