

LORIS H HASSALL TRADING PTY LTD

IRRIGATION EFFLUENT TEST RESULTS 2019

EPA ID LOCATION: 1

EPA LICENSE NUMBER: 12765



*Not Tested (NT) No Sample (NS)

ANALYSIS	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	HIGH	LOW	AVE
Ammonia as N in water - mg/L	NT	NT	NT	NT	133	14.3	30	51.3	1.98	51	68.7	27.6	133	1.98	47.24
BOD - mg/L	NT	3180	2060	2370	3040	1690	1530	2100	1750	1690	2210	1650	3180	1530	2115.45
Chloride - mg/L	NT	1790	1401	2671	903	1187	1025	600	368	632	837	719	2671	368	1103.00
Electrical Conductivity - µS/cm	NT	7440	4450	5950	6480	5280	5110	5470	3820	4100	3520	3890	7440	3520	5046.36
Oil & Grease (LLE) - mg/L	NT	13	26	5	61	18	21	73	27	41	34	50	73	5	33.55
pH - pH Units	NT	12.02	11.94	11.2	9	9.3	12.1	12.2	11.7	12	11.1	11.6	12.2	9	11.29
Total Phosphorus - mg/L	NT	0.01	13.6	19.5	0.1	13.4	26.5	9.72	10.3	14.4	0.1	9.99	26.5	0.01	10.69
Sodium - mg/L	NT	1136	744	100	1322	903	732	766	392	384	756	481	1322	100	701.45
Sulphate, SO4 - mg/L	NT	NT	NT	NT	472	80	253	324	85	307	98	218	472	80	229.63
Total Kjeldahl Nitrogen - mg/L	NT	0.1	335	632	617	384	480	602	474	340	641	346	641	0.1	441.01
Nitrogen Total - mg/L	NT	1.4	335	632	617	384	480	602	474	340	641	346	641	1.4	441.13
Nitrate N - mg/L	NT	NT	NT	NT	NT	NT	0.36	0.49	0.24	0.25	0.32	0.22	0.49	0.22	0.31
Nitrite N - mg/L	NT	NT	NT	NT	NT	NT	0.36	0.02	0.01	0.01	0.1	0.02	0.36	0.01	0.09
Total Suspended Solids @ 103-105°C - mg/L	NT	NT	NT	NT	1240	640	904	960	530	600	580	620	1240	530	759.25
Total Dissolved Solids (grav) - mg/L	NT	NT	NT	NT	5310	4830	3600	2520	3840	4170	5320	3710	5320	2520	4162.50
Sulphide - mg/L	NT	237	184	142	82.3	22.8	30.7	95.8	120	56.8	102	71.6	237	22.8	104.09
Sulphite - mg/L	NT	NT	NT	NT	20	8	15	50	2	52	110	110	110	2	45.88
Sulphur - mg/L	NT	NT	NT	NT	377	138	265	259	182	226	162	155	377	138	220.50
COD - mgO ₂ /L	NT	NT	NT	NT	6100	4260	5220	3100	3770	3560	6820	3960	6820	3100	4598.75
Potassium - mg/L	NT	71.2	67.6	8.74	130	89.6	62.6	1.2	32.4	27.5	49.8	1.2	130	1.2	49.26
Calcium - mg/L	NT	105	43	12	99	64	52.4	158	158	118	161	96	161	12	96.95
Magnesium - mg/L	NT	2	0.4	0.4	13	15	17.7	14	15	5.3	13	3.66	17.7	0.4	9.04
Manganese - mg/L	NT	NT	NT	NT	0.22	0.084	0.44	0.131	0.122	0.046	0.416	0.004	0.44	0.004	0.18
SAR	NT	30	31	7.9	33	26	22	16	8	9.4	15	13	33	7.9	19.21