

LORIS H HASSALL TRADING PTY LTD
TREATED BRINE EFFLUENT TEST RESULTS 2025-2026



EPA LOCATION ID 1
EPA LICENSE NUMBER: 12765

*Not Tested (NT) No Sample (NS)

ANALYSIS	LOR	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	HIGH	LOW	AVE
pH - pH Units	-	6.55	7.32											7.32	6.55	6.94
EC (Electrical Conductivity) - µS/cm	5	241000	225000											241000	225000	233000.00
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	0.05	310	310											310	310	310.00
Total P (Phosphorus) - mg/L	0.01	1	4.1											4.1	1	2.55
Total Suspended Solids - mg/L	1	73	600											600	73	336.50
TDS (Total Dissolved Solids) - mg/L	1	285000	235000											285000	235000	260000.00
BOD (Biological Oxygen Demand) - mg/L	2	2100	2600											2600	2100	2350.00
COD (Chemical Oxygen Demand) - mg/L	2	6200	10000											10000	6200	8100.00
Nitrate - mg/L	0.005	0.15	0.005											0.15	0.005	0.08
Nitrite N - mg/L	0.005	0.005	0.044											0.044	0.005	0.02
DEM (Oil & Grease) - mg/L	2	2	25											25	2	13.50
Sulphide as S2 - mg/L	0.02	1.22	0.39											1.22	0.39	0.81
Sulphur as S - mg/L	0.1	1000	370											1000	370	685.00
Sulphite as SO3 2- mg/L	0.5	0.5	0.05											0.5	0.05	0.28
Chloride - mg/L	2	130000	140000											140000	130000	135000.00
Sodium - mg/L	1	83900	87500											87500	83900	85700.00
Potassium - mg/L	0.2	1050	800											1050	800	925.00
Calcium - mg/L	0.1	49	18											49	18	33.50
Magnesium - mg/L	0.05	680	160											680	160	420.00
SAR	0.8	675	1430											1430	675	1052.50
Sulphate - mg/L	5	2090	740											2090	740	1415.00
Total N (Nitrogen) - mg/L	0.05	310	310											310	310	310.00

Items in grey are additional testing not required by EPA licence.