

GEE LONG LEATHER PTY LTD - CULCAIRN

IRRIGATION EFFLUENT TEST RESULTS 2021

EPA ID LOCATION: 13

EPA LICENSE NUMBER: 3465



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	HIGH	LOW	AVE
Ammonia as N in water - mg/L	251	144											251	144	197.50
BOD - mg/L	2670	1790											2670	1790	2230.00
Chloride - mg/L	1705	1063											1705	1063	1384.00
Chromium Total - mg/L	0.21	0.24											0.24	0.21	0.23
Electrical Conductivity - µS/cm	11650	11110											11650	11110	11380.00
Oil & Grease (LLE) - mg/L	130	92											130	92	111.00
pH - pH Units	7.6	7.1											7.6	7.1	7.35
Total Phosphorus - mg/L	9.94	15.1											15.1	9.94	12.52
Sodium - mg/L	1690	2136											2136	1690	1913.00
Sulphate, SO4 - mg/L	2980	2910											2980	2910	2945.00
Total Kjeldahl Nitrogen - mg/L	546	446											546	446	496.00
Nitrogen Total - mg/L	547	446											547	446	496.50
Nitrate N - mg/L	1.4	0.11											1.4	0.11	0.76
Nitrite N - mg/L	0.1	0.1											0.1	0.1	0.10
Total Suspended Solids @ 103-105°C - mg/L	990	1160											1160	990	1075.00
Total Dissolved Solids (grav) - mg/L	8600	9110											9110	8600	8855.00
Sulphide - mg/L	45.4	1											45.4	1	23.20
Sulphite, SO3 - mg/L	750	10											750	10	380.00
Sulphur - mg/L	1110	1250											1250	1110	1180.00
Hexavalent Chromium, Cr6+ - mg/L	0.1	0.1											0.1	0.1	0.10
COD - mgO ₂ /L	10100	4080											10100	4080	7090.00
Potassium - mg/L	54.5	53.4											54.5	53.4	53.95
Calcium - mg/L	191	136											191	136	163.50
Magnesium - mg/L	214	316											316	214	265.00
Manganese - mg/L	17	6.68											17	6.68	11.84
SAR	20	23											23	20	21.50