

GEE LONG LEATHER PTY LTD - CULCAIRN
IRRIGATION EFFLUENT TEST RESULTS 2020

EPA ID LOCATION: 13

EPA LICENSE NUMBER: 3465



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	HIGH	LOW	AVE
Ammonia as N in water - mg/L	300	416	24.9	239	324	411							416	24.9	285.82
BOD - mg/L	2400	3320	3130	3970	2250	2880							3970	2250	2991.67
Chloride - mg/L	1087	1387	785	1357	1345	1887							1887	785	1308.00
Chromium Total - mg/L	1	0.2	0.1	0.1	1.54	0.1							1.54	0.1	0.51
Electrical Conductivity - µS/cm	10290	11410	10440	7190	9720	10290							11410	7190	9890.00
Oil & Grease (LLE) - mg/L	469	147	361	233	126	174							469	126	251.67
pH - pH Units	8.4	8.4	7.9	10.2	7.7	8							10.2	7.7	8.43
Total Phosphorus - mg/L	14.9	5.37	8.4	12	4.05	8.26							14.9	4.05	8.83
Sodium - mg/L	1177	1762	1080	955	1568	2730							2730	955	1545.33
Sulphate, SO ₄ - mg/L	2800	2980	3210	2420	2500	2620							3210	2420	2755.00
Total Kjeldahl Nitrogen - mg/L	462	548	501	633	409	629							633	409	530.33
Nitrogen Total - mg/L	462	548	502	634	409	629							634	409	530.67
Nitrate N - mg/L	0.44	0.1	0.64	0.9	0.01	0.1							0.9	0.01	0.37
Nitrite N - mg/L	0.01	0.07	0.07	0.02	0.01	0.1							0.1	0.01	0.05
Total Suspended Solids @ 103-105°C - mg/L	21555.56	2360	1630	2448.98	1150	860							21555.56	860	5000.76
Total Dissolved Solids (grav) - mg/L	7730	8110	11100	7300	7310	7270							11100	7270	8136.67
Sulphide - mg/L	298	197	297	102	113	197							298	102	200.67
Sulphite - mg/L	45	50	40	140	55	65							140	40	65.83
Sulphur - mg/L	964	1120	1840	947	948	942							1840	942	1126.83
Hexavalent Chromium, Cr ₆₊ - mg/L	1	0.01	0.1	0.1	0.1	0.11							1	0.01	0.24
COD - mgO ₂ /L	8520	7280	18800	9000	5960	4800							18800	4800	9060.00
Potassium - mg/L	47.1	57	32.3	47.9	100	109							109	32.3	65.55
Calcium - mg/L	212	389	191	406	235	283							406	191	286.00
Magnesium - mg/L	181	264	141	128	171	325							325	128	201.67
Manganese - mg/L	14.5	24.7	13.4	29.2	22.5	39.6							39.6	13.4	23.98
SAR	14	17	14	11	19	26							26	11	16.83