

GEE LONG LEATHER PTY LTD - CULCAIRN

PIEZOMETER TEST RESULTS 2018

EPA ID LOCATION: 14, 15, 16, 17, 18, 19, 20, 21

EPA LICENSE NUMBER: 3465



*Not Tested (NT) No Sample (NS)

ANALYSIS	PIEZO 1	PIEZO 2	PIEZO 3	PIEZO 4	PIEZO 5	PIEZO 6	PIEZO 7	PIEZO 8	HIGH	LOW	AVE
Chromium Total - mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.0
Electrical Cunductivity - µS/m	5580	5060	24800	11240	13900	16790	16550	5020	24800	5020	12367.5
Nitrogen Total - mg/L	94.1	2.7	0.5	218	5.3	7.5	1.7	9.2	218	0.5	42.4
pH - pH units	6.7	7.7	7	7.3	7	7	7.2	7.8	7.8	6.7	7.2
Phosphorus Total - mg/L	0.189	0.1	0.1	0.1	0.1	1.45	0.1	0.1	1.45	0.1	0.3
Redox Potential	x	x	x	x	x	x	x	x	0	0	#DIV/0!
Standing Water Level - m	4.9	7.2	4.5	5	4.2	3.5	3.8	4.6	7.2	3.5	4.7
Sulphide - mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BOD - mg/L	2	2	2	2	2	2	2	2	2	2	2.0
Nitrogen Total Kjeldahl - mg/L	8.8	0.2	0.5	8.4	0.2	5.8	0.4	0.9	8.8	0.2	3.2
Nitrate N - mg/L	376	10.9	0.66	929	23.6	7.35	5.84	36.8	929	0.66	173.8
Nitrite N - mg/L	0.08	0.003	0.003	0.003	0.003	0.01	0.003	0.003	0.08	0.003	0.0
Total Suspended Solids @103-105'C -mg/L	32	17	37	20	22	28	20	10	37	10	23.3
Total Dissolved Solids - mg/L	3160	2760	15400	6190	7910	11300	9490	2420	15400	2420	7328.8
Ammonia as N in water - mg/L	0.84	0.04	0.05	0.02	0.01	5.43	0.06	0.01	5.43	0.01	0.8
Sulphate, SO4 - mg/L	781	627	1300	1200	855	1130	1260	279	1300	279	929.0
Sulphite - mg/L	2	2	2	2	2	2	2	2	2	2	2.0
Hexavalent Chromium, Cr ₆₊ - mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.0
COD - mgO ₂ /L	30	10	58	43	10	68	47	10	68	10	34.5
Chloride - mg/L	801	785	6180	2323	3171	4730	3801	1125	6180	785	2864.5
Sodium - mg/L	491	659	2427	847	1459	1631	1727	530	2427	491	1221.4
Poatssium mg/L	5.69	15.3	8.43	10.6	12.3	10.6	16.1	3.12	16.1	3.12	10.3
Calcium - mg/L	226	124	943	524	462	506	516	137	943	124	429.8
Magnesium - mg/L	179	111	776	418	396	511	531	125	776	111	380.9
Manganese - mg/L	0.046	0.004	0.007	0.004	0.005	0.55	0.013	0.004	0.55	0.004	0.1
Arsenic - mg/L	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.0
Cadmium - mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.001	0.0001	0.001	0.0001	0.0
Copper - mg/L	0.005	0.005	0.001	0.001	0.001	0.004	0.003	0.001	0.005	0.001	0.0
SAR - SAR Units	5.9	10	14	6.7	12	12	13	7.9	14	5.9	10.2
Total Sulfur - mg/L	247	205	420	381	292	368	393	85	420	85	298.9
Iron - mg/L	0.14	0.19	0.12	0.4	0.12	0.47	0.37	0.11	0.47	0.11	0.2