

GEE LONG LEATHER PTY LTD - CULCAIRN

PIEZOMETER TEST RESULTS 2017

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	4050	4560	24600	7570	14120	23600	17070	3940	24600	3940	12438.8
Nitrogen Total - mg/L	86.3	2.9	0.2	191	7.1	4.5	3	12.1	191	0.2	38.4
pH - pH units	6.5	7.2	7.1	7.1	6.9	6.7	7.1	7.6	7.6	6.5	7.0
Phosphorus Total - mg/L	0.1	0.1	0.1	0.1	0.1	0.687	0.1	0.1	0.687	0.1	0.2
Redox Potential	x	x	x	x	x	x	x	x	0	0	#DIV/0!
Standing Water Level - m	4.7	6.7	3.8	4.1	2.3	2.9	3.2	3.8	6.7	2.3	3.9
Sulphide - mg/L	0.1	0.1	0.1	0.1	0.1	0.6	0.1	0.1	0.6	0.1	0.2
BOD - mg/L	2	2	2	2	2	2	2	2	2	2	2.0
Nitrogen Total Kjeldahl - mg/L	13.2	0.4	0.2	15.9	0.9	4.5	1.6	1.5	15.9	0.2	4.8
Nitrate N - mg/L	324	11.1	0.8	775	27.3	0.13	6.06	46.9	775	0.13	148.9
Nitrite N - mg/L	0.003	0.003	0.003	0.01	0.003	0.003	0.003	0.003	0.01	0.003	0.0
Total Suspended Solids @103-105'C -mg/L	10	52	38	11	11	106	36	10	106	10	34.3
Total Dissolved Solids - mg/L	2640	2690	13500	5020	7180	12800	9040	2160	13500	2160	6878.8
Ammonia as N in water - mg/L	0.01	0.05	0.08	0.03	0.01	3.36	0.02	0.03	3.36	0.01	0.4
Sulphate, SO4 - mg/L	576	489	1140	921	818	1340	1190	234	1340	234	838.5
Sulphite - mg/L	2	2	2	2	2	2	2	2	2	2	2.0
Hexavalent Chromium, Cr6+ - mg/L	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.01	0.0
COD - mgO ₂ /L	10	10	26	10	10	10	10	10	26	10	12.0
Chloride - mg/L	719	871	5137	1532	3388	4568	3179	853	5137	719	2530.9
Sodium - mg/L	327	576	2200	635	1266	2144	1544	441	2200	327	1141.6
Poatssium mg/L	3.99	2.67	7.43	3.87	5.92	8.1	9.22	2.05	9.22	2.05	5.4
Calcium - mg/L	204	122	861	429	434	698	488	121	861	121	419.6
Magnesium - mg/L	150	102	740	293	348	720	475	106	740	102	366.8
Manganese - mg/L	0.009	0.004	0.004	0.004	0.004	1.57	0.004	0.004	1.57	0.004	0.2
Arsenic - mg/L	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.0
Cadmium - mg/L	0.0001	0.0001	0	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0	0.0
Copper - mg/L	0.003	0.01	0.005	0.001	0.001	0.002	0.004	0.002	0.01	0.001	0.0
SAR - SAR Units	4.2	9.3	13	5.8	11	14	12	7.1	14	4.2	9.6
Total Sulfur - mg/L	182	190	420	277	273	448	394	77	448	77	282.6
Iron - mg/L	0.05	0.34	0.05	0.05	0.05	0.64	0.1	0.06	0.64	0.05	0.2