GEELONG LEATHER PTY LTD - CULCAIRN

PIEZOMETER TEST RESULTS 2020

EPA ID LOCATION: 14, 15, 16, 17, 18, 19, 20, 21, 37, 38, 39, 40, 41

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	PIEZO 9	PIEZO 10	PIEZO 11	PIEZO 12	PIEZO 13	HIGH	LOW	AVE
Chromium Total - mg/L	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.001	0.0
Electrical Conductivity - µS/m	4890	5380	16830	8690	10150	15740	12490	3900	11460	7550	8810	24600	17800	24600	3900	11406.9
Nitrogen Total - mg/L	103	2.9	0.5	235	5.7	0.4	2.6	10.4	1	0.2	4.3	2.2	0.5	235	0.2	28.4
pH - pH units	6.5	7	6.7	6.7	6.8	6.8	6.9	7.6	6.8	6.7	6.9	6.7	6.9	7.6	6.5	6.8
Phosphorus Total - mg/L	0.1	1.28	1.42	0.1	0.1	0.1	0.633	0.1	0.1	0.1	0.1	1.34	0.1	1.42	0.1	0.4
Redox Potential	146	134	144	143	146	148	145	130	143	37	141	150	157	157	37	135.7
Standing Water Level - m	7.3	8.9	6.4	6.9	5.9	6.7	5.7	6.4	4.3	4.9	5.5	5.2	4.5	8.9	4.3	6.0
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	0.1	0.1	0.1	0.1	0.1
BOD - mg/L	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0
Total Kjeldahl Nitrogen as N- mg/L	7.6	0.2	0.5	12.8	0.2	0.2	0.2	1	1	0.2	0.2	0.5	0.5	12.8	0.2	1.9
Nitrate N - mg/L	423	12.1	0.4	983	25.1	1.55	11.5	41.8	0.13	0.01	18.9	9.87	0.09	983	0.01	117.5
Nitrite N - mg/L	0.003	0.003	0.003	0.003	0.003	0.01	0.003	0.003	0.003	0.003	0.003	0.003	0.05	0.05	0.003	0.0
Total Suspended Solids @103-105'C -mg/L	28	10	17	14	20	42	12	10	15	23	10	196	39	196	10	33.5
Total Dissolved Solids - mg/L	3700	3660	13900	7430	7260	12700	9290	2340	7940	5960	6060	15800	15300	15800	2340	8564.6
Ammonia as N in water - mg/L	0.01	0.01	0.03	0.01	0.01	0.02	0.01	0.02	0.01	0.1	0.01	0.03	0.08	0.1	0.01	0.0
Sulphate, SO4 - mg/L	901	724	1240	1920	771	1320	1290	291	716	429	775	1650	1680	1920	291	1054.4
Sulphite - mg/L	2	2	2	2	2	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	0.01	0.02	0.01	0.02	0.01	0.0
COD - mgO_2/L	11	18	100	40	40	100	50	10	36	21	26	110	89	110	10	50.1
Chloride - mg/L	809	1118	5939	1684	3282	5507	4129	977	3686	2422	2547	7013	6226	7013	809	3487.6
Sodium - mg/L	414	792	2303	1006	1410	2228	1757	464	1901	930	1311	3291	2439	3291	414	1557.4
Potassium mg/L	4.89	4.03	8.96	7.2	6.72	9.14	9.71	2.34	10.7	6.13	8.07	20.8	17	20.8	2.34	8.9
Calcium - mg/L	253	158	850	431	366	629	474	111	325	336	276	603	912	912	111	440.3
Magnesium - mg/L	216	147	629	403	307	627	449	108	263	222	250	661	837	837	108	393.8
Manganese - mg/L	0.004	0.064	0.004	0.004	0.004	0.167	0.004	0.004	1.71	4.35	0.004	0.004	3.65	4.35	0.004	0.8
Arsenic - mg/L	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	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	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0	0.0001	0	0.0
Copper - mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0
SAR - SAR Units	4.6	11	15	8.4	13	15	14	7.5	19	9.7	14	22	14	22	4.6	12.9
Total Sulfur - mg/L	347	264	414	615	286	435	423	91	241	142	267	538	554	615	91	355.2
Iron - mg/L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
DEM (Oil and Grease) - mg/L	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5.0
Lead - mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0
Mercury - mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.001	0.0001	0.0004	0.0001	0.001	0.0001	0.0
Nickel - mg/L	0.003	0.003	0.002	0.002	0.002	0.011	0.002	0.001	0.007	0.006	0.002	0.004	0.035	0.035	0.001	0.0
Zinc - mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.0