

**GEELONG LEATHER PTY LTD - CULCAIRN
NON-CHROME SLUDGE TEST RESULTS 2020**

EPA ID LOCATION: 23
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
pH - pH Units			12.3			12			9.5				12.3	9.5	11.27
Electrical Conductivity - µS/cm			8860			6480			4690				8860	4690	6676.67
Total Kjeldahl Nitrogen - mg/L			777			404			672				777	404	617.67
Total Phosphorus - mg/L			15.3			13.8			169				169	13.8	66.03
Total Suspended Solids - mg/L			1478.72			4060			121160				121160	1478.72	42232.91
Total Dissolved Solids (grav) - mg/L			9040			5800			3310				9040	3310	6050
BOD - mg/L			6530			753			2630				6530	753	3304.33
COD - mgO ₂ /L			13900			6000			13100				13900	6000	11000.00
Nitrate N - mg/L			2.26			1.42			4.43				4.43	1.42	2.70
Oil & Grease (LLE) - mg/L			781			271			178				781	178	410.00
Total S (Sulphur = Sulphate + Sulphite + Sulphide)			782			274			316				782	274	457.33
Chloride - mg/L			978			2292			572				2292	572	1280.67
Ammonia as N - mg/L			0.58			4.14			321				321	0.58	108.57
Sodium - mg/L			1384			1277			539				1384	539	1066.67
Potassium - mg/L			88.4			129			88				129	88	101.80
Calcium - mg/L			774			1026			595				1026	595	798.33
Magnesium - mg/L			17.7			15.4			37.4				37.4	15.4	23.50
Manganese - mg/L			0.509			0.108			0.205				0.509	0.108	0.27
Chromium III - mg/L			0.1			0.1			0				0.1	0	0.10
Chromium VI - mg/L			0.1			0.1			0				0.1	0	0.10
SAR			13			11			5.8				13	5.8	9.93
Sulphate, SO ₄ - mg/L			886			209			386				886	209	493.67
Nitrogen Total - mg/L			778			404			673				778	404	618.33
Total Solids - %			1.7			2.2							2.2	1.7	1.95
Arsenic - mg/Kg			27			26			0.02				27	0.02	17.67
Cadmium - mg/Kg			14			13			0.005				14	0.005	9.00
Copper - mg/Kg			27			26			0.03				27	0.03	17.68
Lead - mg/Kg			27			26			0.01				27	0.01	17.67
Mercury - mg/Kg			1.4			1.3			0.0001				1.4	0.0001	0.90
Nickel - mg/Kg			27			26			0.01				27	0.01	17.67
Zinc - mg/Kg			66			230			0.68				230	0.68	98.89
Iron - mg/Kg			1700			3200			4.8				3200	4.8	1634.93