

**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		10.5		12.3	9.5	11.08
Electrical Conductivity - µS/cm			8860			6480			4690		11890		11890	4690	7980.00
Total Kjeldahl Nitrogen - mg/L			777			404			672		848		848	404	675.25
Total Phosphorus - mg/L			15.3			13.8			169		98.5		169	13.8	74.15
Total Suspended Solids - mg/L			1478.72			4060			121160		16980		121160	1478.72	35919.68
Total Dissolved Solids (grav) - mg/L			9040			5800			3310		9390		9390	3310	6885
BOD - mg/L			6530			753			2630		4120		6530	753	3508.25
COD - mgO ₂ /L			13900			6000			13100		11400		13900	6000	11100.00
Nitrate N - mg/L			2.26			1.42			4.43		5.31		5.31	1.42	3.36
Oil & Grease (LLE) - mg/L			781			271			178		113		781	113	335.75
Total S (Sulphur = Sulphate + Sulphite + Sulphide)			782			274			316		266		782	266	409.50
Chloride - mg/L			978			2292			572		3390		3390	572	1808.00
Ammonia as N - mg/L			0.58			4.14			321		121		321	0.58	111.68
Sodium - mg/L			1384			1277			539		1515		1515	539	1178.75
Potassium - mg/L			88.4			129			88		103		129	88	102.10
Calcium - mg/L			774			1026			595		985		1026	595	845.00
Magnesium - mg/L			17.7			15.4			37.4		12.2		37.4	12.2	20.68
Manganese - mg/L			0.509			0.108			0.205		0.158		0.509	0.108	0.25
Chromium III - mg/L			0.1			0.1			0		0.02		0.1	0	0.07
Chromium VI - mg/L			0.1			0.1			0		0.13		0.13	0	0.11
SAR			13			11			5.8		13		13	5.8	10.70
Sulphate, SO ₄ - mg/L			886			209			386		187		886	187	417.00
Nitrogen Total - mg/L			778			404			673		849		849	404	676.00
Total Solids - %			1.7			2.2			NT		2.7		2.7	1.7	2.20
Arsenic - mg/Kg			27			26			0.02		24		27	0.02	19.26
Cadmium - mg/Kg			14			13			0.005		12		14	0.005	9.75
Copper - mg/Kg			27			26			0.03		24		27	0.03	19.26
Lead - mg/Kg			27			26			0.01		24		27	0.01	19.25
Mercury - mg/Kg			1.4			1.3			0.0001		1.2		1.4	0.0001	0.98
Nickel - mg/Kg			27			26			0.01		24		27	0.01	19.25
Zinc - mg/Kg			66			230			0.68		140		230	0.68	109.17
Iron - mg/Kg			1700			3200			4.8		NT		3200	4.8	1634.93