

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							12.3	12	12.15
Electrical Conductivity - µS/cm			8860			6480							8860	6480	7670.00
Total Kjeldahl Nitrogen - mg/L			777			404							777	404	590.50
Total Phosphorus - mg/L			15.3			13.8							15.3	13.8	14.55
Total Suspended Solids - mg/L			1478.72			4060							4060	1478.72	2769.36
Total Dissolved Solids (grav) - mg/L			9040			5800							9040	5800	7420
BOD - mg/L			6530			753							6530	753	3641.50
COD - mgO ₂ /L			13900			6000							13900	6000	9950.00
Nitrate N - mg/L			2.26			1.42							2.26	1.42	1.84
Oil & Grease (LLE) - mg/L			781			271							781	271	526.00
Total S (Sulphur = Sulphate + Sulphite + Sulphide)			782			274							782	274	528.00
Chloride - mg/L			978			2292							2292	978	1635.00
Ammonia as N - mg/L			0.58			4.14							4.14	0.58	2.36
Sodium - mg/L			1384			1277							1384	1277	1330.50
Potassium - mg/L			88.4			129							129	88.4	108.70
Calcium - mg/L			774			1026							1026	774	900.00
Magnesium - mg/L			17.7			15.4							17.7	15.4	16.55
Manganese - mg/L			0.509			0.108							0.509	0.108	0.31
Chromium III - mg/L			0.1			0.1							0.1	0.1	0.10
Chromium VI - mg/L			0.1			0.1							0.1	0.1	0.10
SAR			13			11							13	11	12.00
Sulphate, SO ₄ - mg/L			886			209							886	209	547.50
Nitrogen Total - mg/L			778			404							778	404	591.00
Total Solids - %			1.7			2.2							2.2	1.7	1.95
Arsenic - mg/Kg			27			26							27	26	26.50
Cadmium - mg/Kg			14			13							14	13	13.50
Copper - mg/Kg			27			26							27	26	26.50
Lead - mg/Kg			27			26							27	26	26.50
Mercury - mg/Kg			1.4			1.3							1.4	1.3	1.35
Nickel - mg/Kg			27			26							27	26	26.50
Zinc - mg/Kg			66			230							230	66	148.00
Iron - mg/Kg			1700			3200							3200	1700	2450.00