

**GEE LONG LEATHER PTY LTD - CULCAIRN**

**NON-CHROME SLUDGE TEST RESULTS 2016**

EPA ID LOCATION: NA

EPA LICENSE NUMBER: 3465



\*Not Tested (NT) No Sample (NS)

ANALYSIS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	HIGH	LOW	AVE
pH - pH Units				12.6						12.4			12.6	12.4	12.50
Electrical Conductivity - µS/cm				11520						10980			11520	10980	11250.00
Total Kjeldahl Nitrogen - mg/L				3500						1320			3500	1320	2410.00
Total Phosphorus - mg/L				238.99						374			374	238.99	306.50
Total Suspended Solids - mg/L				45157.14						71440			71440	45157.14	58298.57
Total Dissolved Solids (grav) - mg/L				9000						8760			9000	8760	8880
BOD - mg/L				19000						4240			19000	4240	11620.00
COD - mgO <sub>2</sub> /L				65000						13600			65000	13600	39300.00
Nitrate N - mg/L				6.64						4.87			6.64	4.87	5.76
Oil & Grease (LLE) - mg/L				11000						650			11000	650	5825.00
Total S (Sulphur = Sulphate + Sulphite + Sulphide)				970						722			970	722	846.00
Chloride - mg/L				791						762			791	762	776.50
Ammonia as N - mg/L				120						330			330	120	225.00
Sodium - mg/L				1317						1472			1472	1317	1394.50
Potassium - mg/L				37.6						104			104	37.6	70.80
Calcium - mg/L				2288						1425			2288	1425	1856.50
Magnesium - mg/L				26						5.9			26	5.9	15.95
Manganese - mg/L				1.44						0.162			1.44	0.162	0.80
Chromium III - mg/L				0.05						39.6			39.6	0.05	19.83
Chromium VI - mg/L				0.011						0.1			0.1	0.011	0.06
SAR				7.5						11			11	7.5	9.25
Sulphate, SO <sub>4</sub> - mg/L				910						633			910	633	771.50
Nitrogen Total - mg/L				3500						1320			3500	1320	2410.00
Total Solids - %				38.7						15			38.7	15	26.85
Arsenic - mg/Kg				1						5			5	1	3.00
Cadmium - mg/Kg				0.1						1			1	0.1	0.55
Copper - mg/Kg				1.2						6			6	1.2	3.60
Lead - mg/Kg				1						5			5	1	3.00

Mercury - mg/Kg				0.1						0.1			0.1	0.1	0.10
Nickel - mg/Kg				0.8						2			2	0.8	1.40
Zinc - mg/Kg				15						65			65	15	40.00
Iron - mg/Kg				450						1500			1500	450	975.00