

**GEE LONG LEATHER PTY LTD - CULCAIRN**

**NON-CHROME SLUDGE TEST RESULTS 2017**

EPA ID LOCATION: NA

EPA LICENSE NUMBER: 3465



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

ANALYSIS	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	HIGH	LOW	AVE
pH - pH Units				7						6.2			7	6.2	6.60
Electrical Conductivity - µS/cm				10010						12100			12100	10010	11055.00
Total Kjeldahl Nitrogen - mg/L				690						732			732	690	711.00
Total Phosphorus - mg/L				37.1						195			195	37.1	116.05
Total Suspended Solids - mg/L				65300						20500			65300	20500	42900.00
Total Dissolved Solids (grav) - mg/L				9690						8390			9690	8390	9040
BOD - mg/L				7880						4510			7880	4510	6195.00
COD - mgO <sub>2</sub> /L				17600						12900			17600	12900	15250.00
Nitrate N - mg/L				0.1						1.06			1.06	0.1	0.58
Oil & Grease (LLE) - mg/L				1050						1860			1860	1050	1455.00
Total S (Sulphur = Sulphate + Sulphite + Sulphide)				452						416			452	416	434.00
Chloride - mg/L				1370						1192			1370	1192	1281.00
Ammonia as N - mg/L				445						407			445	407	426.00
Sodium - mg/L				1078						1395			1395	1078	1236.50
Potassium - mg/L				48.8						87.9			87.9	48.8	68.35
Calcium - mg/L				712						1853			1853	712	1282.50
Magnesium - mg/L				198						278			278	198	238.00
Manganese - mg/L				1.61						9.06			9.06	1.61	5.34
Chromium III - mg/L				0.013						1.18			1.18	0.013	0.60
Chromium VI - mg/L				0.001						0.02			0.02	0.001	0.01
SAR				9.2						8			9.2	8	8.60
Sulphate, SO <sub>4</sub> - mg/L				691						883			883	691	787.00
Nitrogen Total - mg/L				690						732			732	690	711.00
Total Solids - %				50.8						36.6			50.8	36.6	43.70
Arsenic - mg/Kg				5						5			5	5	5.00
Cadmium - mg/Kg				1						1			1	1	1.00
Copper - mg/Kg				5						5			5	5	5.00
Lead - mg/Kg				5						5			5	5	5.00
Mercury - mg/Kg				0.1						0.1			0.1	0.1	0.10
Nickel - mg/Kg				4						3			4	3	3.50
Zinc - mg/Kg				29						40			40	29	34.50
Iron - mg/Kg				820						1200			1200	820	1010.00