

GEE LONG LEATHER PTY LTD - CULCAIRN

NON-CHROME SLUDGE TEST RESULTS 2021

EPA ID LOCATION: 23

EPA LICENSE NUMBER: 3465



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	HIGH	LOW	AVE
pH - pH Units	7.3	6.2											7.3	6.2	6.75
Electrical Conductivity - µS/cm	7180	8980											8980	7180	8080.00
Total Kjeldahl Nitrogen - mg/L	487	674											674	487	580.50
Total Phosphorus - mg/L	28.3	36.7											36.7	28.3	32.50
Total Suspended Solids - mg/L	1430	6040											6040	1430	3735.00
Total Dissolved Solids (grav) - mg/L	5900	5100											5900	5100	5500
BOD - mg/L	3590	4080											4080	3590	3835.00
COD - mgO ₂ /L	11400	8040											11400	8040	9720.00
Nitrate N - mg/L	3.59	2.61											3.59	2.61	3.10
Oil & Grease (LLE) - mg/L	913	190											913	190	551.50
Total S (Sulphur = Sulphate + Sulphite + Sulphide)	329	556											556	329	442.50
Chloride - mg/L	1082	914											1082	914	998.00
Ammonia as N - mg/L	186	426											426	186	306.00
Sodium - mg/L	1051	1149											1149	1051	1100.00
Potassium - mg/L	101	52.8											101	52.8	76.90
Calcium - mg/L	137	217											217	137	177.00
Magnesium - mg/L	30.9	131											131	30.9	80.95
Manganese - mg/L	0.297	0.928											0.928	0.297	0.61
Chromium III - mg/L	0.2	0.36											0.36	0.2	0.28
Chromium VI - mg/L	0.1	0.01											0.1	0.01	0.06
SAR	21	15											21	15	18.00
Sulphate, SO ₄ - mg/L	744	790											790	744	767.00
Nitrogen Total - mg/L	488	674											674	488	581.00
Total Solids - %	15	1.9											15	1.9	8.45
Arsenic - mg/Kg	5	24											24	5	14.50
Cadmium - mg/Kg	1	12											12	1	6.50
Copper - mg/Kg	5	24											24	5	14.50
Lead - mg/Kg	5	24											24	5	14.50
Mercury - mg/Kg	0.1	0.9											0.9	0.1	0.50
Nickel - mg/Kg	2	24											24	2	13.00
Zinc - mg/Kg	5	29											29	5	17.00
Iron - mg/Kg	80	1400											1400	80	740.00