

Consulting Analytical & Industrial Chemists
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Certificate of Analysis

SWARTLAND MUNICIPALITY
Swartland Municipality Final Effluent
Final Effluent ex Chatsworth

DATE SAMPLED : 2016/12/14
DATE RECEIVED : 2016/12/19
DATE ANALYSIS
COMMENCED : 2016/12/19

OUR REF. : 2016/12/14/29023
REPORT NO. : 5922

	Sample Number	29023	
Mthd ALA No.	Analyses	Results	General Limit (Full)
19	pH (at 25 °C)	6.82	5.5-9.5
9	Conductivity (mS/m) (at 25 °C)	140	70.0 Above Intake - 150 Max
2	Chemical Oxygen Demand (mg/l)	183	75.0 After Removal of Algae
95	Ammonia Nitrogen (mg/l as N)	35.0	6.0
2	Chemical Oxygen Demand (Filtered) (mg/l)	132	75.0
100	Nitrate Nitrogen. (mg/l as N)	<0.20	15.0 (sum of NO ₂ & NO ₃ -N)
99	Nitrite Nitrogen (mg/l as N)	<0.20	15.0 (sum of NO ₂ & NO ₃ -N)
6A	Total Suspended Solids (mg/l)	108	25
101	Ortho Phosphate (mg/l as P)	10.9	10.0
86	Faecal Coliforms (count per 100 ml)	<1	1000

N. VAN BINSBERGEN (Pr.Sci.Nat.)
 DIRECTOR
 21 December 2016

TO: SWARTLAND MUNICIPALITY
 P O Box 52
 MALMESBURY
 7300

Att: MR L. ZIKMAN

Sampler: E. Basson

This report relates only to the samples tested and is issued subject to the company's standard terms and conditions of business.