

Consulting Analytical & Industrial Chemists
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Certificate of Analysis

SWARTLAND MUNICIPALITY
Swartland Municipality Final Effluent
Final Effluent ex Kalbaskraal

DATE SAMPLED : 2017/01/08
DATE RECEIVED : 2017/01/09
DATE ANALYSIS COMMENCED : 2017/01/09

OUR REF. : 2017/01/08/348
REPORT NO. : 54

	Sample Number	348	
Mthd ALA No.	Analyses	Results	General Limit (Full)
19	pH (at 25 °C)	7.10	5.5-9.5
9	Conductivity (mS/m) (at 25 °C)	196	70.0 Above Intake - 150 Max
2	Chemical Oxygen Demand (mg/l)	609	75.0 After Removal of Algae
2	Chemical Oxygen Demand (Filtered) (mg/l)	539	75.0
95	Ammonia Nitrogen (mg/l as N)	33.7	6.0
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)	389	25
101	Ortho Phosphate (mg/l as P)	19.7	10.0
86	Faecal Coliforms (count per 100 ml)	>2419	1000

N. VAN BINSBERGEN (Pr.Sci.Nat.)
 DIRECTOR
 12 January 2017

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.