

Consulting Analytical & Industrial Chemists  
 Specialists in Water & Waste Water Treatment  
 Telephone (021)448 6340/1  
 After Hours (021)712 0940  
 Telefax (021)448 6342  
 e-Mail Address :  
 info@alabbott.co.za



T0276

No. 1, Vine Park  
 Vine Road  
 7925  
 P.O. Box 483  
 WOODSTOCK, CAPE  
 7915

# Certificate of Analysis

**SWARTLAND MUNICIPALITY**  
**Swartland Municipality Final Effluent**  
**Final Effluent ex Chatsworth**

**DATE SAMPLED :** 2016/08/04  
**DATE RECEIVED :** 2016/08/05  
**DATE ANALYSIS COMMENCED :** 2016/08/05

**OUR REF. :** 2016/08/04/16572  
**REPORT NO. :** 3239

	Sample Number	16572	
Mthd ALA No.	Analyses	Results	General Limit (Full)
19	pH (at 25 °C)	7.21	5.5-9.5
9	Conductivity (mS/m) (at 25 °C)	133	70.0 Above Intake - 150 Max
2	Chemical Oxygen Demand (mg/l)	247	75.0 After Removal of Algae
95	Ammonia Nitrogen (mg/l as N)	63.4	6.0
2	Chemical Oxygen Demand ( Filtered) (mg/l)	182	75.0
100	Nitrate Nitrogen. (mg/l as N)	0.43	15.0 (sum of NO <sub>2</sub> & NO <sub>3</sub> -N)
99	Nitrite Nitrogen (mg/l as N)	<0.20	15.0 (sum of NO <sub>2</sub> & NO <sub>3</sub> -N)
6A	Total Suspended Solids (mg/l)	128	25
101	Ortho Phosphate (mg/l as P)	6.8	10.0
86	Faecal Coliforms (count per 100 ml)	388	1000

N. VAN BINSBERGEN ( Pr.Sci.Nat.)  
 DIRECTOR  
 11 August 2016

TO: SWARTLAND MUNICIPALITY  
 P O Box 52  
 MALMESBURY  
 7300

Att: MR L. ZIKMAN

Sampler : Unknown

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