

Institute for Groundwater Studies

IGS Laboratory Services
 University of the Free State
 339, BLOEMFONTEIN, 9300
 +27-(0)51 - 401 2317
 +27-(0)51 - 401 3005

E-mail: igslab@ufs.ac.za



Test Report

Client: Kareeberg Municipality page 3 of 3
 Contact: Frans Groenewald
 Reference: **Case no 2014 - 650**
 Delivered by: Frans 11:13
 Date delivered: 19/06/2014
 Date sampled: 18/06/2014

Determinand	Sample number	Section 39 of the National Water Act of 1998	Kareeberg - Anaerobiese damme	Kareeberg Maturation Ponds
	Lab nr.	General Limit	650-5	650-6
	Units	Value	Value	Value
pH		5.5 - 9.5	to follow	
Electrical conductivity	mS/m	70 - 150 mS/m above intake		
Ammonia (NH ₃) as N	mg/L	6		
Chemical Oxygen Demand (COD)	mg/L	75		
Nitrate (NO ₃)/ Nitrite (NO ₂) as N	mg/L	15		
Ortophosphate (PO ₄)	mg/L	30.66		
Ortophosphate (PO ₄) as P	mg/L	10		
Suspendid Solids(SS)	mg/L	25		
Faecal coliforms	cfu/100ml	1000	>2419	>2419
<i>E. coli</i>	cfu/100ml		>2419	>2419

Bacterial note: The parameters higher than the specifications, are clearly **marked**.

Signed: _____
 L Deysel

Date issued: 20 June 2014
 Final report: To follow

This report relates only to the samples supplied to the Laboratory at the Insitute for Groundwater Studies