

ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: **T0695**

Permanent Address of Laboratory:

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Technical Signatories:

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Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
MICROBIOLOGY		
Water (Surface, Ground, Treated)	Determination of Heterotrophic plate count	BAC-TM01 (Based on SANS 5221: 2011)
Water (Ground, Treated Surface, Waste)	Enumeration of <i>Escherichia coli</i>	BAC-TM02 (Based on IDEXX Colilert-18)
Water (Ground, Treated, Surface)	Enumeration of Total coliforms	BAC-TM02 (Based on IDEXX Colilert-18)
Water (Surface, Ground, Treated, Waste)	Enumeration of Faecal coliforms	BAC-TM02 (Based on IDEXX Colilert-18)
CHEMICAL		
Water (Ground, Surface, Treated, Waste)	Determination of pH	CHEM-TM-01
	Determination of Electrical Conductivity	CHEM-TM-02
	Determination of Colour	CHEM-TM-03
	Determination of Alkalinity	CHEM-TM-05
	Determination of Chemical Oxygen Demand	CHEM-TM-04

Determination of Chloride	CHEM-TM-06
Determination of Turbidity	CHEM-TM-07
Determination of Ammonia	CHEM-TM-08
Determination of Nitrate	CHEM-TM-09
Determination of Orthophosphate	CHEM-TM-10
Determination of Nitrite	CHEM-TM-11
Determination of Total Cyanide	CHEM-TM-12
Determination of Fluoride	CHEM-TM-13
Determination of Free Chlorine	CHEM-TM-14
Determination of Total Suspended Solids	CHEM-TM-15
Determination Hg; FIMS	CHEM-TM-16
Determination of Total Organic Carbon	CHEM-TM-17
Determination of Total Dissolved Solids (Gravimetric Method)	CHEM-TM-18
Determination of (Al, Ba, Be, B, Cd, Cr, Co, Fe, Pb, Mn, Cu, Mo, Ni, Si, Sr, V, Zn, As, Se, Sb, U, Ca, Mg, Na, K, SO ₄) on ICP-OES	CHEM-TM-19
Determination of Total Hardness by Calculation; Magnesium Hardness by Calculation; Calcium Hardness by Calculation; Bicarbonate as HCO ₃ by Calculation; Sodium Adsorption Ratio by Calculation; Total Dissolved Solids) by Calculation	CHEM-TM-20

Original Date of Accreditation: 10 March 2016

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



Accreditation Manager