





Determinands	uMshwati LM sample points frequency												
	Ozwothini Rest Outlet	Dalton Library	Cool Air Community Hall	Wartburg	Mpolweni Hall Tap	New Hanover Welfare Tap	Swayimane Vumuthando	Swayimane Community Hall	Mbava Swayimane	Cramond Standpipe	Trustfeed Reservoir	New Hanover Station	Windy Hill BH
Total Chlorine	F	F	F	F	F	F	F	F	F	F	F	F	M
Free Chlorine	F	F	F	F	F	F	F	F	F	F	F	F	M
Conductivity at 25°C	F	F	F	F	F	F	F	F	F	F	F	F	M
Turbidity	F	F	F	F	F	F	F	F	F	F	F	F	M
pH value at 25°C	F	F	F	F	F	F	F	F	F	F	F	F	M
Colour	A	-	A	A	A	-	-	-	A	-	-	-	A
E.coli	F	F	F	F	F	F	F	F	F	F	F	F	M
HPC 37	F	F	F	F	F	F	F	F	F	F	F	F	A
Total Coliforms	F	-	A	A	F	-	-	-	F	-	-	-	A
Aluminium as Al	A	-	A	A	A	-	-	-	A	-	-	-	A
Iron as Fe	A	-	A	A	A	-	-	-	A	-	-	-	A
Odour	A	-	A	A	A	-	-	-	A	-	-	-	A
Taste	A	-	A	A	A	-	-	-	A	-	-	-	A
TDS	A	-	A	A	A	-	-	-	A	-	-	-	A
Nitrate	A	-	A	A	A	-	-	-	A	-	-	-	A
Nitrite	A	-	A	A	A	-	-	-	A	-	-	-	A
Combine nitrate + nitrite ratio	A	-	A	A	A	-	-	-	A	-	-	-	A
Sulphate SO4=	A	-	A	A	A	-	-	-	A	-	-	-	A
Fluoride F-	A	-	A	A	A	-	-	-	A	-	-	-	A
Ammonia as N	A	-	A	A	A	-	-	-	A	-	-	-	A
Chloride Cl-	A	-	A	A	A	-	-	-	A	-	-	-	A
Sodium as Na	A	-	A	A	A	-	-	-	A	-	-	-	A
Zinc as Zn	A	-	A	A	A	-	-	-	A	-	-	-	A



<i>Determinands</i>	<i>Richmond LM sample points frequency</i>										
	<i>Richmond Reservoir 1</i>	<i>Endaleni Standpipe 3</i>	<i>Endaleni PP Reservoir 1</i>	<i>Smozomeni Standpipe 04</i>	<i>Siyathuthuka Standpipe</i>	<i>Nkumane</i>	<i>Nhlazuka Clinic</i>	<i>Phatheni</i>	<i>eMbuthweni</i>	<i>Gengeshe Borehole</i>	<i>Hopewell Hall Tap</i>
Total Chlorine	F	F	F	F	F	F	F	F	F	-	F
Free Chlorine	F	F	F	F	F	F	F	F	F	-	F
Conductivity at 25°C	F	F	F	F	F	F	F	F	F	Q	F
Turbidity	F	F	F	F	F	F	F	F	F	Q	F
pH value at 25°C	F	F	F	F	F	F	F	F	F	Q	F
Colour	-	A	-	-	A	A	-	A	A	A	A
E.coli	F	F	F	F	F	F	F	F	F	A	F
HPC 37	F	F	F	F	F	F	F	F	F	A	F
Total Coliforms	-	F	-	-	F	A	-	A	F	A	A
Aluminium as Al	-	A	-	-	A	A	-	A	A	-	A
Iron as Fe	-	A	-	-	A	A	-	A	A	Q	A
Odour	-	A	-	-	A	A	-	A	A	A	A
Taste	-	A	-	-	A	A	-	A	A	-	A
TDS	-	A	-	-	A	A	-	A	A	-	A
Nitrate	-	A	-	-	A	A	-	A	A	A	A
Nitrite	-	A	-	-	A	A	-	A	A	A	A
Combine nitrate + nitrite ratio	-	A	-	-	A	A	-	A	A	-	A
Sulphate SO4=	-	A	-	-	A	A	-	A	A	A	A
Fluoride F-	-	A	-	-	A	A	-	A	A	A	A
Ammonia as N	-	A	-	-	A	A	-	A	A	-	A
Chloride Cl-	-	A	-	-	A	A	-	A	A	-	A
Sodium as Na	-	A	-	-	A	A	-	A	A	-	A
Zinc as Zn	-	A	-	-	A	A	-	A	A	-	A
Antimony as Sb	-	A	-	-	A	A	-	A	A	-	A
Arsenic as As	-	A	-	-	A	A	-	A	A	-	A



<i>Determinands</i>	<i>Mkhambathini LM sample points frequency</i>										
	<i>Mpangisa</i>	<i>Maqongqo</i>	<i>Emakholweni Standpipe</i>	<i>Camperdown Central</i>	<i>Manyavu Reticulation</i>	<i>Smoti Standpipe</i>	<i>Ngilanyoni</i>	<i>Dwengu</i>	<i>Nkanyezini Taxi Rank</i>	<i>Manyavu no. 8 Taxi Rank</i>	<i>Macalagwala standpipe</i>
Total Chlorine	F	F	F	F	F	F	F	F	F	F	M
Free Chlorine	F	F	F	F	F	F	F	F	F	F	M
Conductivity at 25°C	F	F	F	F	F	F	F	F	F	F	M
Turbidity	F	F	F	F	F	F	F	F	F	F	M
pH value at 25°C	F	F	F	F	F	F	F	F	F	F	M
Colour	-	-	A	-	-	-	A	-	-	A	-
E.coli	F	F	F	F	F	F	F	F	F	F	M
HPC 37	F	F	F	F	F	F	F	F	F	F	M
Total Coliforms	-	-	A	-	-	-	A	-	-	A	-
Aluminium as Al	-	-	A	-	-	-	A	-	-	A	-
Iron as Fe	-	-	A	-	-	-	A	-	-	A	-
Odour	-	-	A	-	-	-	A	-	-	A	-
Taste	-	-	A	-	-	-	A	-	-	A	-
TDS	-	-	A	-	-	-	A	-	-	A	-
Nitrate	-	-	A	-	-	-	A	-	-	A	-
Nitrite	-	-	A	-	-	-	A	-	-	A	-
Combine nitrate + nitrite ratio	-	-	A	-	-	-	A	-	-	A	-
Sulphate SO4=	-	-	A	-	-	-	A	-	-	A	-
Fluoride F-	-	-	A	-	-	-	A	-	-	A	-
Ammonia as N	-	-	A	-	-	-	A	-	-	A	-
Chloride Cl-	-	-	A	-	-	-	A	-	-	A	-
Sodium as Na	-	-	A	-	-	-	A	-	-	A	-
Zinc as Zn	-	-	A	-	-	-	A	-	-	A	-
Antimony as Sb	-	-	A	-	-	-	A	-	-	A	-
Arsenic as As	-	-	A	-	-	-	A	-	-	A	-
Cadmium as Cd	-	-	A	-	-	-	A	-	-	A	-





Determinands	Umngeni LM sample points frequency										
	Ledgetton WW Ret1	Lions River WW Raw	Lions River WW Final	Lions River Standpipe	Senzani village borehole	Howick Engine Garage	Merrivale Total garage	Hilton Reticulation	Mpophomeni Hall -Tap	Trianda BH	Yarrow Farm BH
Total Chlorine	F	-	F	F	M	F	F	F	F	-	-
Free Chlorine	F	-	F	F	M	F	F	F	F	-	-
Conductivity at 25°C	F	M	F	F	M	F	F	F	F	Q	Q
Turbidity	F	M	F	F	M	F	F	F	F	Q	Q
pH value at 25°C	F	M	F	F	M	F	F	F	F	Q	Q
Colour	A	A	F	F	A	-	-	-	A	Q	Q
E.coli	F	A	F	F	M	F	F	F	F	A	A
HPC 37	F	A	A	-	A	F	F	F	F	A	A
Total Coliforms	A	A	A	-	A	-	-	-	A	A	A
Aluminium as Al	A	A	A	-	A	-	-	-	A	A	A
Iron as Fe	A	A	A	-	A	-	-	-	A	A	A
Odour	A	A	A	-	A	-	-	-	A	A	A
Taste	A	A	A	-	A	-	-	-	A	A	A
TDS	A	A	A	-	A	-	-	-	A	A	A
Nitrate	A	A	A	-	A	-	-	-	A	A	A
Nitrite	A	A	A	-	A	-	-	-	A	A	A
Combine nitrate + nitrite ratio	A	A	A	-	A	-	-	-	A	A	A
Sulphate SO4=	A	A	A	-	A	-	-	-	A	A	A
Fluoride F-	A	M	M	M	A	-	-	-	A	A	A
Ammonia as N	A	A	A	-	A	-	-	-	A	A	A
Chloride Cl-	A	A	A	-	A	-	-	-	A	A	A
Sodium as Na	A	A	A	-	A	-	-	-	A	A	A
Zinc as Zn	A	A	A	-	A	-	-	-	A	A	A
Antimony as Sb	A	A	A	-	A	-	-	-	A	A	A
Arsenic as As	A	A	A	-	A	-	-	-	A	A	A
Cadmium as Cd	A	A	A	-	A	-	-	-	A	A	A







<i>Determinands</i>	<i>Impendle LM sample points frequency</i>							
	<i>Nzinga Package Plant WW Ret1</i>	<i>Nguga Final</i>	<i>Nguga Reticulation</i>	<i>Makhuzeni WW Raw</i>	<i>Makhuzeni WW Final</i>	<i>Makhuzeni Standpipe</i>	<i>Swampo Hall</i>	<i>Mahlutshini</i>
Total Chlorine	F	F	F	-	M	M	F	M
Free Chlorine	F	F	F	-	M	M	F	M
Conductivity at 25°C	F	F	F	M	M	M	F	M
Turbidity	F	F	F	M	M	M	F	M
pH value at 25°C	F	F	F	M	M	M	F	M
Colour	A	A	-	A	A	A	A	A
E.coli	F	F	F	M	M	M	F	M
HPC 37	F	F	F	-	M	M	F	M
Total Coliforms	A	A	-	A	M	M	F	M
Aluminium as Al	Q	Q	-	Q	Q	Q	Q	Q
Iron as Fe	A	A	-	A	A	A	A	A
Odour	A	A	-	A	A	A	A	A
Taste	A	A	-	A	A	A	A	A
TDS	A	A	-	A	A	A	A	A
Nitrate	A	A	-	A	A	A	A	A
Nitrite	A	A	-	A	A	A	A	A
Combine nitrate + nitrite ratio	A	A	-	A	A	A	A	A
Sulphate SO4=	A	A	-	A	A	A	A	A
Fluoride F-	A	A	-	A	A	A	A	A
Ammonia as N	A	A	-	A	A	A	A	A
Chloride Cl-	A	A	-	A	A	A	A	A
Sodium as Na	A	A	-	A	A	A	A	A
Zinc as Zn	A	A	-	A	A	A	A	A
Antimony as Sb	A	A	-	A	A	A	A	A
Arsenic as As	A	A	-	A	A	A	A	A

Cadmium as Cd	A	A	-	A	A	A	A	A
Total Chromium as Cr	A	A	-	A	A	A	A	A
Boron as Ba	A	A	-	A	A	A	A	A
Barium as Ba	A	A	-	A	A	A	A	A
Copper as Cu	A	A	-	A	A	A	A	A
Cyanide (recoverable) as CN-	A	A	-	A	A	A	A	A
Lead as Pb	A	A	-	A	A	A	A	A
Manganese as Mn	A	A	-	A	A	A	A	A
Mercury as Hg	A	A	-	A	A	A	A	A
Nickel as Ni	A	A	-	A	A	A	A	A
Selenium as Se	A	A	-	A	A	A	A	A
Total organic carbon as C	A	A	-	A	A	A	A	A
Broform (CHBr3)	A	A	-	-	A	A	A	A
Bromodichloromethane (CHCl2Br)	A	A	-	-	A	A	A	A
Dibromochloromethane (CHClBr2)	A	A	-	-	A	A	A	A
Chloroform (CHCl3)	A	A	-	-	A	A	A	A
Combined trihalomethane ratio	A	A	-	-	A	A	A	A
Phenols	A	A	-	A	A	A	A	A
Protozoan Parasites: Giardia/Cryptosporidium	A	A	-	A	A	A	A	A
Coliphages	A	A	-	A	A	A	A	A
Uranium	A	A	-	A	A	A	A	A
Monochloramine	-	-	-	-	-	-	-	-
Microcystin	-	-	-	-	-	-	-	-
Cytopathogenic Viruses	-	-	-	-	-	-	-	-

<i>Determinands</i>	<i>Mpofana LM sample points frequency</i>		
	<i>Bruntville Reservoir</i>	<i>Mpofana Municipality Tap</i>	<i>Rosetta Reservoir 1</i>
Total Chlorine	F	F	F
Free Chlorine	F	F	F
Conductivity at 25°C	F	F	F
Turbidity	F	F	F
pH value at 25°C	F	F	F
Colour	A	-	F
E.coli	F	F	F
HPC 37	F	F	F
Total Coliforms	A	-	F
Aluminium as Al	A	-	A
Iron as Fe	A	-	A
Odour	A	-	A
Taste	A	-	A
TDS	A	-	A
Nitrate	A	-	A
Nitrite	A	-	A
Combine nitrate + nitrite ratio	A	-	A
Sulphate SO4=	A	-	A
Fluoride F-	A	-	A
Ammonia as N	A	-	A
Chloride Cl-	A	-	A
Sodium as Na	A	-	A
Zinc as Zn	A	-	A
Antimony as Sb	A	-	A
Arsenic as As	A	-	A
Cadmium as Cd	A	-	A

Total Chromium as Cr	A	-	A
Boron as Ba	A	-	A
Barium as Ba	A	-	A
Copper as Cu	A	-	A
Cyanide (recoverable) as CN-	A	-	A
Lead as Pb	A	-	A
Manganese as Mn	A	-	A
Mercury as Hg	A	-	A
Nickel as Ni	A	-	A
Selenium as Se	A	-	A
Total organic carbon as C	A	-	A
Broform (CHBr3)	A	-	A
Bromodichl methane (CHCl2Br)	A	-	A
Dibromochloromethane (CHClBr2)	A	-	A
Chloroform (CHCl3)	A	-	A
Combined trihalomethane ratio	A	-	A
Phenols	A	-	A
Protozoan Parasites: Giardia/Cryptosporidium	A	-	A
Coliphages	A	-	A
Uranium	A	-	A
Monochloramine	-	-	-
Microcystin	-	-	-
Cytopathogenic Viruses	-	-	-