

## UTILITY SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

SERVICES RENDERED	UNIT	REMARKS	2006/07 R excl. VAT	VAT Yes/No	2007/08 R excl. VAT	EFFECTIVE DATE	AUTHORITY
		New tariffs being introduced in 2007/08, to enable the possible delivery of services to external customers.					
		All charges are per test.					
<b>LAB TESTS WATER (DRINKING)</b>							
pH				y	21.00	01.Jul.07	
Conductivity mS/m				y	21.00	01.Jul.07	
Alkalinity mg/l CaCO <sup>3</sup>				y	21.00	01.Jul.07	
Chloride mg/l Cl				y	21.00	01.Jul.07	
Colour				y	21.00	01.Jul.07	
Calcium mg/l Ca				y	32.00	01.Jul.07	
Magnesium mg/l Mg				y	32.00	01.Jul.07	
Aluminium mg/ Al				y	32.00	01.Jul.07	
Iron mg/l Fe				y	32.00	01.Jul.07	
Manganese mg/l Mn				y	32.00	01.Jul.07	
Sodium mg/ Na				y	32.00	01.Jul.07	
Potassium mg/l K				y	32.00	01.Jul.07	
Sulphate mg/l SO <sub>4</sub>				y	32.00	01.Jul.07	
UV 4cm at 300nm				y	32.00	01.Jul.07	
Ammonia mg/l N				y	32.00	01.Jul.07	
Chlorine (DPD) mg/l Cl				y	32.00	01.Jul.07	
Total Dissolved Solids				y	32.00	01.Jul.07	
Nitrate/Nitrite mg/l N				y	32.00	01.Jul.07	
Fluoride mg/l F				y	32.00	01.Jul.07	
Turbidity NTU				y	32.00	01.Jul.07	
Copper mg/l Cu				y	32.00	01.Jul.07	
Silica mg/l Si				y	32.00	01.Jul.07	
Phosphorus mg/l P				y	32.00	01.Jul.07	
Geosmin and 2 methylisoborneol ng/l				y	631.00	01.Jul.07	
Trihalomethanes µg/l				y	315.00	01.Jul.07	
Organochlorine pesticides				y	841.00	01.Jul.07	
Volatile gases O <sup>2</sup> ,N <sup>2</sup> ,CO <sup>2</sup> ,CH <sub>4</sub>				y	42.00	01.Jul.07	
<b>LAB TESTS TOXIN ANALYSIS</b>							
Mycrocystin							
Eliza				y	420.00	01.Jul.07	
HPLC				y	631.00	01.Jul.07	
Algal Enumeration				y	53.00	01.Jul.07	
<b>LAB TESTS WASTEWATER</b>							
Suspended Solids (+sludges)				y	48.00	01.Jul.07	
Vol.Susp.Solids (+sludges)				y	54.00	01.Jul.07	
Settleable Solids				y	27.00	01.Jul.07	
Total Solids (+sludges)				y	48.00	01.Jul.07	
COD				y	81.00	01.Jul.07	
COD (filt)				y	81.00	01.Jul.07	
TKN				y	81.00	01.Jul.07	
Ammonia				y	48.00	01.Jul.07	
Nitrate				y	65.00	01.Jul.07	
Total Phosphate				y	81.00	01.Jul.07	

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Ortho-phosphate				y	54.00	01.Jul.07	
Chloride				y	48.00	01.Jul.07	
Sulphate				y	59.00	01.Jul.07	
pH (+sludges)				y	22.00	01.Jul.07	
Conductivity				y	22.00	01.Jul.07	
Alkalinity				y	48.00	01.Jul.07	
SVI				y	27.00	01.Jul.07	
DSVI				y	27.00	01.Jul.07	
Volatile Acids				y	54.00	01.Jul.07	
Tannin				y	54.00	01.Jul.07	
Hydrazine				y	54.00	01.Jul.07	
Residual Chlorine				y	33.00	01.Jul.07	
Metals* (Raw Influent)				y	1,106.00	01.Jul.07	
Metals* (Final Effluent)				y	1,106.00	01.Jul.07	
Metals (Sludges)				y	1,155.00	01.Jul.07	
<b>LAB TESTS BACTERIOLOGICAL</b>							
<b>POTABLE (treated) WATER</b>							
Heterotrophic Plate Count/ml							
Total coliform Count/100ml				y	147.00	01.Jul.07	
Faecal Coliform Count/100ml							
<i>E coli</i> Count/100ml							
<b>INDIVIDUAL TESTS (treated water)</b>							
Total heterotrophic Plate Count/ml				y	47.00	01.Jul.07	
Total Coliform Count/100ml(membrane filtration method)				y	71.00	01.Jul.07	
Faecal Coliform count/100ml(membrane filtration method)				y	71.00	01.Jul.07	
<i>E coli</i> + Faecal Coliform Count/100ml (membrane filtration method)				y	79.00	01.Jul.07	
Total Coliform + <i>E coli</i> /100ml (Colilert method)				y	126.00	01.Jul.07	
<i>Pseudomonas</i>				y	73.00	01.Jul.07	
<b>INDIVIDUAL TESTS (environmental water)</b>							
<i>E coli</i> + Faecal Coliform Count/100ml (membrane filtration method)				y	86.00	01.Jul.07	
<i>E coli</i> + Count/100ml (1dilution) (colilert method)				y	126.00	01.Jul.07	
For every additional dilution (colilert method)				y	47.00	01.Jul.07	
<i>Enterococcus</i> count/100ml (membrane filtration method)				y	80.00	01.Jul.07	