

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease	
	LAB TESTS: WATER (DRINKING)		All charges are per test.							
FCR	pH			43.48	50.00	y	44.78	51.50	3.00%	
FCR	Conductivity			43.48	50.00	y	44.78	51.50	3.00%	
FCR	Alkalinity			43.48	50.00	y	44.78	51.50	3.00%	
FCR	Chloride			43.48	50.00	y	44.78	51.50	3.00%	
FCR	Colour			43.48	50.00	y	44.78	51.50	3.00%	
FCR	Calcium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Magnesium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Aluminium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Iron mg			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Antimony			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Arsenic (undigested)			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Cyanide (total dissolved)			168.70	194.00	y	173.91	200.00	3.09%	
FCR	Phenol (total dissolved or free)			168.70	194.00	y	173.91	200.00	3.09%	
FCR	Selenium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Total Organic Carbon (TOC)			187.83	216.00	y	193.65	222.70	3.10%	
FCR	Cadmium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Chromium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Cobalt			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Lead			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Nickel			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Strontium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Total Hardness			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Calcium Hardness			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Magnesium Hardness			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Turbidity NTU			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Vanadium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Zinc			65.22	75.00	y	67.22	77.30	3.07%	

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease	
FCR	Manganese			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Sodium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Potassium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Sulphate			65.22	75.00	y	67.22	77.30	3.07%	
FCR	UV 4cm at 300nm			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Ammonia			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Residual Chlorine (DPD)			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Total Dissolved Solids			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Nitrite (NO ₂)			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Nitrate (NO ₃)			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Nitrate + Nitrite			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Fluoride			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Copper			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Silica			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Phosphate (Total)			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Geosmin and 2 Methylisoborneol			1 309.57	1 506.00	y	1 350.17	1 552.70	3.10%	
FCR	Trihalomethanes			655.39	753.70	y	675.74	777.10	3.10%	
	LAB TESTS WASTEWATER/SOLID WASTE/INDUSTRIAL EFFLUENT		All charges are per test.							
FCR	Total Suspended Solids			100.96	116.10	y	104.09	119.70	3.10%	
FCR	Total + Volatile Suspended Solids			110.96	127.60	y	114.43	131.60	3.13%	
FCR	Total + Volatile Solids			110.96	127.60	y	114.43	131.60	3.13%	
FCR	Settleable Solids			56.35	64.80	y	58.09	66.80	3.09%	
FCR	Total Solids			100.96	116.10	y	104.09	119.70	3.10%	
FCR	COD			168.70	194.00	y	173.91	200.00	3.09%	
FCR	COD (filt)			168.70	194.00	y	173.91	200.00	3.09%	
FCR	TKN			168.70	194.00	y	173.91	200.00	3.09%	
FCR	Ammonia			100.96	116.10	y	104.09	119.70	3.10%	

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
	CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease
	FCR	Nitrate			135.39	155.70	y	139.57	160.50	3.08%
	FCR	Nitrite			135.39	155.70	y	139.57	160.50	3.08%
	FCR	Nitrate + Nitrite			135.39	155.70	y	139.57	160.50	3.08%
	FCR	Total Phosphorous			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Ortho-phosphate			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Chloride			100.96	116.10	y	104.09	119.70	3.10%
	FCR	Sulphate			122.61	141.00	y	126.43	145.40	3.12%
	FCR	pH			43.48	50.00	y	44.78	51.50	3.00%
	FCR	pH (+sludges)			46.09	53.00	y	47.48	54.60	3.02%
	FCR	Conductivity			46.09	53.00	y	47.48	54.60	3.02%
	FCR	Alkalinity			100.96	116.10	y	104.09	119.70	3.10%
	FCR	SVI			56.35	64.80	y	58.09	66.80	3.09%
	FCR	DSVI			56.35	64.80	y	58.09	66.80	3.09%
	FCR	Volatile Fatty Acids			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Tannin			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Hydrazine			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Hydrogen Sulphide			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Residual Chlorine			67.74	77.90	y	69.83	80.30	3.08%
	FCR	Arsenic (digested)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Arsenic (undigested)			65.22	75.00	y	67.22	77.30	3.07%
	FCR	BOD			292.52	336.40	y	301.57	346.80	3.09%
	FCR	Boron			122.61	141.00	y	126.43	145.40	3.12%
	FCR	Cyanide (total dissolved)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Fats & Oils (Gravimetric)			541.74	623.00	y	558.52	642.30	3.10%
	FCR	Mercury			270.87	311.50	y	279.30	321.20	3.11%
	FCR	Phenols (Total dissolved)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Metals (Individual)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Metals (Individual for Boreholes)			65.22	75.00	y	67.22	77.30	3.07%

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
	CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease
	FCR	Metals (Individual for TCLP)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Metals (Total - Raw Influent)			2 296.96	2 641.50	y	2 368.17	2 723.40	3.10%
	FCR	Metals (Total - Final Effluent)			2 296.96	2 641.50	y	2 368.17	2 723.40	3.10%
	FCR	Metals (Total - Sludges)			2 400.52	2 760.60	y	2 474.96	2 846.20	3.10%
	FCR	Calcium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Potassium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Lithium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Magnesium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Molybdenum			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Selenium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Sodium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Flashpoint			168.70	194.00	y	173.91	200.00	3.09%
		LAB TESTS: TOXIN ANALYSIS		All charges are per test.						
	FCR	Microcystin - Eliza Method			1 193.22	1 372.20	y	1 230.17	1 414.70	3.10%
	FCR	Mircocystin - HPLC Method			1 309.57	1 506.00	y	1 350.17	1 552.70	3.10%
		HYDROBIOLOGICAL ANALYSIS								
		Individual Tests								
	FCR	Algal Enumeration & Identification			235.04	270.30	y	242.35	278.70	3.11%
	FCR	Chlorophyll-a			217.30	249.90	y	224.00	257.60	3.08%
	FCR	Phaeophytin			217.30	249.90	y	224.00	257.60	3.08%
		Price for combined tests			451.04	518.70	y	465.04	534.80	3.10%
		Algal Enumeration & Identification								
		Chlorophyll-a								
		Phaeophytin								
		LAB TESTS BACTERIOLOGICAL								

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease	
	INDIVIDUAL TESTS (treated water)		All charges are per test.							
FCR	Total heterotrophic Plate Count			98.43	113.20	y	101.48	116.70	3.09%	
FCR	Total Coliform Count (membrane filtration method)			148.17	170.40	y	152.78	175.70	3.11%	
FCR	Faecal Coliform Count (membrane filtration method)			148.17	170.40	y	152.78	175.70	3.11%	
FCR	<i>E coli</i> + Faecal Coliform Count (membrane filtration method)			163.39	187.90	y	168.43	193.70	3.09%	
FCR	Total Coliform + <i>E coli</i> (Colilert method)			261.91	301.20	y	270.00	310.50	3.09%	
FCR	<i>Pseudomonas</i>			150.70	173.30	y	155.39	178.70	3.12%	
	INDIVIDUAL TESTS (environmental water)		All charges are per test.							
FCR	<i>E coli</i> + Faecal Coliform Count (membrane filtration method)			178.78	205.60	y	184.35	212.00	3.11%	
FCR	<i>E coli</i> Count (1dilution) (colilert method)			261.91	301.20	y	270.00	310.50	3.09%	
FCR	For every additional dilution (colilert method)			98.43	113.20	y	101.48	116.70	3.09%	
FCR	Enterococcus Count (membrane filtration method)			166.00	190.90	y	171.13	196.80	3.09%	
FCR	PARASITES		Combined charges	3 955.30	4 548.60	y	4 077.91	4 689.60	3.10%	
	Cryptosporidium and Giardia									
	LAB TESTS: HYDRO-ENVIRONMENTAL CHEMISTRY		All charges are per test.							
FCR	Alkalinity			100.96	116.10	y	104.09	119.70	3.10%	
FCR	Aluminium			65.22	75.00	y	67.22	77.30	3.07%	
FCR	Ammonia			100.96	116.10	y	104.09	119.70	3.10%	
FCR	Arsenic (digested)			168.70	194.00	y	173.91	200.00	3.09%	
FCR	Arsenic (undigested)			65.22	75.00	y	67.22	77.30	3.07%	

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
	CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease
	FCR	BOD			292.52	336.40	y	301.57	346.80	3.09%
	FCR	Boron			122.61	141.00	y	126.43	145.40	3.12%
	FCR	Cadmium			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Calcium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Calcium Hardness			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Chloride			100.96	116.10	y	104.09	119.70	3.10%
	FCR	Chromium			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Cobalt			65.22	75.00	y	67.22	77.30	3.07%
	FCR	COD			168.70	194.00	y	173.91	200.00	3.09%
	FCR	COD (filtered)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Conductivity			46.09	53.00	y	47.48	54.60	3.02%
	FCR	Copper			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Cyanide (total dissolved)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Dissolved Oxygen (probe)			43.48	50.00	y	44.78	51.50	3.00%
	FCR	Flouride			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Geosmin & 2-Methylisoborneol			1 309.57	1 506.00	y	1 350.17	1 552.70	3.10%
	FCR	Iron			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Lead			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Lithium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Magnesium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Magnesium Hardness			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Manganese			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Mercury			270.87	311.50	y	279.30	321.20	3.11%
	FCR	Molybdenum			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Metals (Individual)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Metals (Individual for Boreholes)			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Metals (Total - Sludges)		Combined Charge	2 400.52	2 760.60	y	2 474.96	2 846.20	3.10%
	FCR	Nickel			65.22	75.00	y	67.22	77.30	3.07%

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
	CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21 Recalculated excl. VAT	2020/21 R incl. VAT	VAT Yes/No	2021/22 Recalculated excl. VAT	2021/22 R incl. VAT	% Increase / decrease
	FCR	Nitrate			135.39	155.70	y	139.57	160.50	3.08%
	FCR	Nitrite			135.39	155.70	y	139.57	160.50	3.08%
	FCR	Nitrate + Nitrite			135.39	155.70	y	139.57	160.50	3.08%
	FCR	Ortho-phosphate			110.96	127.60	y	114.43	131.60	3.13%
	FCR	pH			43.48	50.00	y	44.78	51.50	3.00%
	FCR	pH (Sludges)			46.09	53.00	y	47.48	54.60	3.02%
	FCR	Phenols (total dissolved)			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Potassium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Residual Chlorine (DPD)			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Selenium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Silica			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Sodium			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Strontium			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Sulphate			122.61	141.00	y	126.43	145.40	3.12%
	FCR	Total Dissolved Solids			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Total Hardness			65.22	75.00	y	67.22	77.30	3.07%
	FCR	TPON			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Total Phosphorous			168.70	194.00	y	173.91	200.00	3.09%
	FCR	Total Solids			100.96	116.10	y	104.09	119.70	3.10%
	FCR	Total Suspended Solids			100.96	116.10	y	104.09	119.70	3.10%
	FCR	Total + Volatile Solids			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Total + Volatile Suspended Solids			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Turbidity			65.22	75.00	y	67.22	77.30	3.07%
	FCR	UV 4cm at 300nm			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Vanadium			65.22	75.00	y	67.22	77.30	3.07%
	FCR	Volatile Fatty Acids			110.96	127.60	y	114.43	131.60	3.13%
	FCR	Zinc			65.22	75.00	y	67.22	77.30	3.07%

WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)										
	CAT.	SERVICES RENDERED	UNIT	REMARKS	2020/21	2020/21	VAT	2021/22	2021/22	% Increase / decrease
					Recalculated	R	Yes/No	Recalculated	R	
					excl. VAT	incl. VAT		excl. VAT	incl. VAT	
		A MINIMUM ADMINISTRATIVE HANDLING FEE OF R355.96 (VAT EXCLUSIVE) WILL BE CHARGED PER SAMPLE. IF THE ANALYSIS REQUESTED AMOUNTS TO MORE THAN R355.96 PER SAMPLE, THEN ONLY THE COST OF THE ANALYSIS WILL BE CHARGED								