

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
	LAB TESTS: WATER (DRINKING)		All charges are per test.						
FCR	pH			35.35	40.30	y	37.63	42.90	6.5%
FCR	Conductivity			35.35	40.30	y	37.63	42.90	6.5%
FCR	Alkalinity			35.35	40.30	y	37.63	42.90	6.5%
FCR	Chloride			35.35	40.30	y	37.63	42.90	6.5%
FCR	Colour			35.35	40.30	y	37.63	42.90	6.5%
FCR	Calcium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Magnesium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Aluminium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Iron mg			53.07	60.50	y	56.49	64.40	6.4%
FCR	Antimony			53.07	60.50	y	56.49	64.40	6.4%
FCR	Arsenic (undigested)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Cyanide (total dissolved)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Phenol (total dissolved or free)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Selenium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Total Organic Carbon (TOC)			152.72	174.10	y	162.63	185.40	6.5%
FCR	Cadmium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Chromium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Cobalt			53.07	60.50	y	56.49	64.40	6.4%
FCR	Lead			53.07	60.50	y	56.49	64.40	6.4%
FCR	Nickel			53.07	60.50	y	56.49	64.40	6.4%
FCR	Strontium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Total Hardness			53.07	60.50	y	56.49	64.40	6.4%
FCR	Calcium Hardness			53.07	60.50	y	56.49	64.40	6.4%
FCR	Magnesium Hardness			53.07	60.50	y	56.49	64.40	6.4%
FCR	Turbidity NTU			53.07	60.50	y	56.49	64.40	6.4%
FCR	Vanadium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Zinc			53.07	60.50	y	56.49	64.40	6.4%
FCR	Manganese			53.07	60.50	y	56.49	64.40	6.4%
FCR	Sodium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Potassium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Sulphate			53.07	60.50	y	56.49	64.40	6.4%
FCR	UV 4cm at 300nm			53.07	60.50	y	56.49	64.40	6.4%

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
FCR	Ammonia			53.07	60.50	y	56.49	64.40	6.4%
FCR	Residual Chlorine (DPD)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Total Dissolved Solids			53.07	60.50	y	56.49	64.40	6.4%
FCR	Nitrite (NO2)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Nitrate (NO3)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Nitrate + Nitrite			53.07	60.50	y	56.49	64.40	6.4%
FCR	Fluoride			53.07	60.50	y	56.49	64.40	6.4%
FCR	Copper			53.07	60.50	y	56.49	64.40	6.4%
FCR	Silica			53.07	60.50	y	56.49	64.40	6.4%
FCR	Phosphate (Total)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Geosmin and 2 Methylisoborneol			1,064.82	1,213.90	y	1,134.04	1,292.80	6.5%
FCR	Trihalomethanes			532.89	607.50	y	567.54	647.00	6.5%
	LAB TESTS WASTEWATER/SOLID WASTE/INDUSTRIAL EFFLUENT		All charges are per test.						
FCR	Total Suspended Solids			82.11	93.60	y	87.46	99.70	6.5%
FCR	Total + Volatile Suspended Solids			90.26	102.90	y	96.14	109.60	6.5%
FCR	Total + Volatile Solids			90.26	102.90	y	96.14	109.60	6.5%
FCR	Settleable Solids			45.79	52.20	y	48.77	55.60	6.5%
FCR	Total Solids			82.11	93.60	y	87.46	99.70	6.5%
FCR	COD			137.19	156.40	y	146.14	166.60	6.5%
FCR	COD (filt)			137.19	156.40	y	146.14	166.60	6.5%
FCR	TKN			137.19	156.40	y	146.14	166.60	6.5%
FCR	Ammonia			82.11	93.60	y	87.46	99.70	6.5%
FCR	Nitrate			110.09	125.50	y	117.28	133.70	6.5%
FCR	Nitrite			110.09	125.50	y	117.28	133.70	6.5%
FCR	Nitrate + Nitrite			110.09	125.50	y	117.28	133.70	6.5%
FCR	Total Phosphorous			137.19	156.40	y	146.14	166.60	6.5%
FCR	Ortho-phosphate			90.26	102.90	y	96.14	109.60	6.5%
FCR	Chloride			82.11	93.60	y	87.46	99.70	6.5%
FCR	Sulphate			99.74	113.70	y	106.23	121.10	6.5%
FCR	pH			35.35	40.30	y	37.63	42.90	6.5%

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
FCR	pH (+sludges)			37.46	42.70	y	39.91	45.50	6.6%
FCR	Conductivity			37.46	42.70	y	39.91	45.50	6.6%
FCR	Alkalinity			82.11	93.60	y	87.46	99.70	6.5%
FCR	SVI			45.79	52.20	y	48.77	55.60	6.5%
FCR	DSVI			45.79	52.20	y	48.77	55.60	6.5%
FCR	Volatile Fatty Acids			90.26	102.90	y	96.14	109.60	6.5%
FCR	Tannin			90.26	102.90	y	96.14	109.60	6.5%
FCR	Hydrazine			90.26	102.90	y	96.14	109.60	6.5%
FCR	Hydrogen Sulphide			53.07	60.50	y	56.49	64.40	6.4%
FCR	Residual Chlorine			55.09	62.80	y	58.68	66.90	6.5%
FCR	Arsenic (digested)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Arsenic (undigested)			53.07	60.50	y	56.49	64.40	6.4%
FCR	BOD			237.89	271.20	y	253.33	288.80	6.5%
FCR	Boron			99.74	113.70	y	106.23	121.10	6.5%
FCR	Cyanide (total dissolved)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Fats & Oils (Gravimetric)			440.53	502.20	y	469.12	534.80	6.5%
FCR	Mercury			220.26	251.10	y	234.56	267.40	6.5%
FCR	Phenols (Total dissolved)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Metals (Individual)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Metals (Individual for Boreholes)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Metals (Individual for TCLP)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Metals (Total - Raw Influent)			1,867.81	2,129.30	y	1,989.21	2,267.70	6.5%
FCR	Metals (Total - Final Effluent)			1,867.81	2,129.30	y	1,989.21	2,267.70	6.5%
FCR	Metals (Total - Sludges)			1,952.02	2,225.30	y	2,078.86	2,369.90	6.5%
FCR	Calcium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Potassium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Lithium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Magnesium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Molybdenum			137.19	156.40	y	146.14	166.60	6.5%
FCR	Selenium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Sodium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Flashpoint			137.19	156.40	y	146.14	166.60	6.5%

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
	LAB TESTS: TOXIN ANALYSIS		All charges are per test.						
FCR	Microcystin - Eliza Method			970.26	1,106.10	y	1,033.33	1,178.00	6.5%
FCR	Mircocystin - HPLC Method			1,064.82	1,213.90	y	1,134.04	1,292.80	6.5%
	HYDROBIOLOGICAL ANALYSIS								
	Individual Tests								
FCR	Algal Enumeration & Identification			191.14	217.90	y	203.60	232.10	6.5%
FCR	Chlorophyll-a			176.67	201.40	y	188.16	214.50	6.5%
FCR	Phaeophytin			176.67	201.40	y	188.16	214.50	6.5%
	Price for combined tests			366.75	418.10	y	390.61	445.30	6.5%
	Algal Enumeration & Identification								
	Chlorophyll-a								
	Phaeophytin								
	LAB TESTS BACTERIOLOGICAL								
	INDIVIDUAL TESTS (treated water)		All charges are per test.						
FCR	Total heterotrophic Plate Count			80.00	91.20	y	85.18	97.10	6.5%
FCR	Total Coliform Count (membrane filtration			120.53	137.40	y	128.33	146.30	6.5%
FCR	Faecal Coliform Count (membrane filtration			120.53	137.40	y	128.33	146.30	6.5%
FCR	<i>E coli</i> + Faecal Coliform Count (membrane			132.89	151.50	y	141.49	161.30	6.5%
FCR	Total Coliform + <i>E coli</i> (Colilert method)			212.98	242.80	y	226.84	258.60	6.5%
FCR	<i>Pseudomonas</i>			122.54	139.70	y	130.53	148.80	6.5%

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
	INDIVIDUAL TESTS (environmental water)		All charges are per test.						
FCR	<i>E coli</i> + Faecal Coliform Count (membrane			145.35	165.70	y	154.82	176.50	6.5%
FCR	<i>E coli</i> Count (1dilution) (colilert method)			212.98	242.80	y	226.84	258.60	6.5%
FCR	For every additional dilution (colilert method)			80.00	91.20	y	85.18	97.10	6.5%
FCR	Enterococcus Count (membrane filtration			135.00	153.90	y	143.77	163.90	6.5%
FCR	PARASITES		Combined charges	3,216.32	3,666.60	y	3,425.35	3,904.90	6.5%
	Cryptosporidium and Giardia								
	LAB TESTS: HYDRO-ENVIRONMENTAL CHEMISTRY		All charges are per test.						
FCR	Alkalinity			82.11	93.60	y	87.46	99.70	6.5%
FCR	Aluminium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Ammonia			82.11	93.60	y	87.46	99.70	6.5%
FCR	Arsenic (digested)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Arsenic (undigested)			53.07	60.50	y	56.49	64.40	6.4%
FCR	BOD			237.89	271.20	y	253.33	288.80	6.5%
FCR	Boron			99.74	113.70	y	106.23	121.10	6.5%
FCR	Cadmium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Calcium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Calcium Hardness			53.07	60.50	y	56.49	64.40	6.4%
FCR	Chloride			82.11	93.60	y	87.46	99.70	6.5%
FCR	Chromium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Cobalt			53.07	60.50	y	56.49	64.40	6.4%
FCR	COD			137.19	156.40	y	146.14	166.60	6.5%
FCR	COD (filtered)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Conductivity			37.46	42.70	y	39.91	45.50	6.6%
FCR	Copper			53.07	60.50	y	56.49	64.40	6.4%
FCR	Cyanide (total dissolved)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Dissolved Oxygen (probe)			35.35	40.30	y	37.63	42.90	6.5%
FCR	Flouride			53.07	60.50	y	56.49	64.40	6.4%
FCR	Geosmin & 2-Methylisoborneol			1,064.82	1,213.90	y	1,134.04	1,292.80	6.5%
FCR	Iron			53.07	60.50	y	56.49	64.40	6.4%

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
FCR	Lead			53.07	60.50	y	56.49	64.40	6.4%
FCR	Lithium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Magnesium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Magnesium Hardness			53.07	60.50	y	56.49	64.40	6.4%
FCR	Manganese			53.07	60.50	y	56.49	64.40	6.4%
FCR	Mercury			220.26	251.10	y	234.56	267.40	6.5%
FCR	Molybdenum			137.19	156.40	y	146.14	166.60	6.5%
FCR	Metals (Individual)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Metals (Individual for Boreholes)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Metals (Total - Sludges)		Combined Charge	1,952.02	2,225.30	y	2,078.86	2,369.90	6.5%
FCR	Nickel			53.07	60.50	y	56.49	64.40	6.4%
FCR	Nitrate			110.09	125.50	y	117.28	133.70	6.5%
FCR	Nitrite			110.09	125.50	y	117.28	133.70	6.5%
FCR	Nitrate + Nitrite			110.09	125.50	y	117.28	133.70	6.5%
FCR	Ortho-phosphate			90.26	102.90	y	96.14	109.60	6.5%
FCR	pH			35.35	40.30	y	37.63	42.90	6.5%
FCR	pH (Sludges)			37.46	42.70	y	39.91	45.50	6.6%
FCR	Phenols (total dissolved)			137.19	156.40	y	146.14	166.60	6.5%
FCR	Potassium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Residual Chlorine (DPD)			53.07	60.50	y	56.49	64.40	6.4%
FCR	Selenium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Silica			53.07	60.50	y	56.49	64.40	6.4%
FCR	Sodium			137.19	156.40	y	146.14	166.60	6.5%
FCR	Strontium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Sulphate			99.74	113.70	y	106.23	121.10	6.5%
FCR	Total Dissolved Solids			53.07	60.50	y	56.49	64.40	6.4%
FCR	Total Hardness			53.07	60.50	y	56.49	64.40	6.4%
FCR	TPON			137.19	156.40	y	146.14	166.60	6.5%
FCR	Total Phosphorous			137.19	156.40	y	146.14	166.60	6.5%
FCR	Total Solids			82.11	93.60	y	87.46	99.70	6.5%
FCR	Total Suspended Solids			82.11	93.60	y	87.46	99.70	6.5%
FCR	Total + Volatile Solids			90.26	102.90	y	96.14	109.60	6.5%
FCR	Total + Volatile Suspended Solids			90.26	102.90	y	96.14	109.60	6.5%

INFORMAL SETTLEMENTS, WATER AND WASTE SERVICES - WATER & SANITATION - SCIENTIFIC SERVICES (MISCELLANEOUS)

CAT.	SERVICES RENDERED	UNIT	REMARKS	2016/17 Recalculated excl. VAT	2016/17 R incl. VAT	VAT Yes/No	2017/18 Recalculated excl. VAT	2017/18 R incl. VAT	% Increase
FCR	Turbidity			53.07	60.50	y	56.49	64.40	6.4%
FCR	UV 4cm at 300nm			53.07	60.50	y	56.49	64.40	6.4%
FCR	Vanadium			53.07	60.50	y	56.49	64.40	6.4%
FCR	Volatile Fatty Acids			90.26	102.90	y	96.14	109.60	6.5%
FCR	Zinc			53.07	60.50	y	56.49	64.40	6.4%
	A MINIMUM ADMINISTRATIVE HANDLING FEE OF R299 (VAT EXCLUSIVE) WILL BE CHARGED PER SAMPLE. IF THE ANALYSIS REQUESTED AMOUNTS TO MORE THAN R299 PER SAMPLE, THEN ONLY THE COST OF THE ANALYSIS WILL BE CHARGED								6.0%