

# WATER (WATER QUALITY ANALYSIS) (FEES) RULES, 2009

[L.N. 71/2009.]

1. These Rules may be cited as Water (Water Quality Analysis) (Fees) Rules, 2009.
2. The fees specified in the Schedule shall be payable by the requesting person for the laboratory analysis of water samples in the parameters respectively indicated.
3. The fees shall be payable upon delivery of the water samples to the laboratory for analysis.
4. All fees paid under these Rules shall be non-refundable.

## SCHEDULE

[Rule 2.]

### A – FULL CHEMICAL ANALYSIS (FCA)

**Note:** Full Chemical Analysis (FCA) is the complete analysis of water in the parameters indicated.

**Table 1: Full Chemical Analysis**

Parameter	Unit	Charge Kshs.
PH	pH Scale	5,000
Colour	mgPt/l	5,000
Turbidity	N.T.U	5,000
Permanganate Value (20 min. boiling)	mgO <sub>2</sub> /l	5,000
Conductivity (25°C)	µS/cm	5,000
Iron	mg/l	5,000
Manganese	mg/l	5,000
Calcium	mg/l	5,000
Magnesium	mg/l	5,000
Sodium	mg/l	5,000
Potassium	mg/l	5,000
Total Hardness	mg CaCO <sub>3</sub> /l	5,000
Total Alkalinity	mg CaCO <sub>3</sub> /l	5,000
Chloride	mg/l	5,000
Fluoride	mg/l	5,000
Nitrate	mg N/l	5,000
Nitrite	mg N/l	5,000
Ammonia	mg N/l	5,000

SCHEDULE—*continued*

Parameter	Unit	Charge Kshs.
Total Nitrogen	mg/l	5,000
Sulphate	mg/l	5,000
Orthophosphate	mg/l	5,000
Total Suspended Solids	mg/l	5,000
Free Carbon Dioxide	mg/l	5,000
Dissolved Oxygen	mg/l	5,000
Total Dissolved Solids	mg/l	5,000

**Charge:** Ksh. 5,000.

B – WASTEWATER/EFFLUENT ANALYSIS

**Note:** This is the analysis of wastewater and effluent in the parameters indicated

Parameter	Unit	Charge Kshs.
Temperature	°C	8,000
pH	pH Scale	8,000
Conductivity	µS/cm	8,000
BOD <sub>5</sub> (20°C)	mgO <sub>2</sub> /l	8,000
COD	mgO <sub>2</sub> /l	8,000
Heavy metals – Chromium, Cr	mg/l	8,000
Lead, Pb	mg/l	8,000
Mercury, Hg	mg/l	8,000
Copper, Cu	mg/l	8,000
Cadmium, Cd	mg/l	8,000
Zinc, Zn	mg/l	8,000
Total Alkalinity	mg/l	8,000
Total Suspended Solids	mg/l	8,000
Total Dissolved Solids	mg/l	8,000
Oil and Grease	mg/l	8,000
4 Hr permanganate Value	mg/l	8,000
Salinity	mg/l	8,000
Sulphides as S <sup>2-</sup>	mg/l	8,000
Total Nitrogen as N	mg/l	8,000
Total Phosphorus as P	mg/l	8,000
Detergents (MBAS)	mg/l	8,000

**Charges:** KSh. 8,000

#### C – BACTERIOLOGICAL ANALYSIS

**Note:** Bacteriological analysis is the analysis of water for *general coliforms* and *E. Coli*.

**Charge:** Ksh. 2,000

#### D – CHARGES FOR INDIVIDUAL PARAMETERS

## SCHEDULE—*continued*

### C – BACTERIOLOGICAL ANALYSIS

**Note:** Bacteriological analysis is the analysis of water for *general coliforms* and *E. Coli*.

**Charge:** Ksh. 2,000

### D – CHARGES FOR INDIVIDUAL PARAMETERS

**Note:** The charges specified herein apply where a person requests for analysis in respect of each parameter

<i>S/No</i>	<i>Parameter</i>	<i>Charge Kshs.</i>
1	pH	200
2	Turbidity	300
3	Conductivity	300
4	Magnesium	400
5	Total Alkalinity	350
6	Free Carbon Dioxide	200
7	Ortho Phosphate	400
8	Total Phosphorous	500
9	Chloride	300
10	Iron	700
11	Nitrate	500
12	Nitrite	500
13	Total Dissolved Solids	300
14	Sulphates	400
15	Fluoride	400
16	Calcium	400
17	Manganese	700
18	Potassium	350
19	Sodium	350
20	Ammonia	500
21	Total Hardness	600
22	Sulphides	350
23	Dissolved Oxygen	300
24	Temperature	200
25	Chemical Oxygen Demand	1,000
26	Biological Oxygen Dioxide	1,000
27	4 hr Permanganate Value	500

SCHEDULE—*continued*

<i>S/No</i>	<i>Parameter</i>	<i>Charge Kshs.</i>
29	Total Suspended Solids	400
30	Pesticides (each)	8,000
31	Detergents	1,500
32	Free chlorine	300
33	Residual Chlorine	300
34	Total and Faecal Coliform	2,000
35	Total Nitrogen	600
36	Heavy metals (each)	1,000
37	Phenols	500
38	Salinity	300
39	Bacteriological parameters (each, other than General Coliforms and E. Coli)	500