

<b>National Environmental Laboratory</b> 	<b>Document No:</b> NEL-C-001	Page 1 of 3
	<b>DOCUMENT TYPE: LABORATORY ANALYSIS CHARGES</b>	

### A. Individual Analysis cost per sample

Analyte	Cost
<b>Trace Elements</b>	
Aluminium	40.00
Ammonium	40.00
Cadmium	40.00
Calcium	40.00
Cobalt	40.00
Chromium	40.00
Copper	40.00
Iron	40.00
Lead	40.00
Magnesium	40.00
Manganese	40.00
Nickel	40.00
Potassium	40.00
Sodium	40.00
Zinc	40.00
Mercury	60.00
Arsenic	60.00
<b>Microbiology</b>	
Escherichia Coli	115.00
Faecal Coliforms	75.00
Faecal Streptococci	80.00
Total Coliforms	115.00
<b>Anions</b>	
Chloride	60.00
Fluoride	60.00
Phosphate	60.00
Sulphate	60.00

Analyte	Cost
<b>Anions cont...</b>	
Nitrate	60.00
Nitrite	60.00
<b>Physical Parameters</b>	
Chemical Oxygen Demand	100.00
Conductivity and TDS	40.00
Total Suspended Solids	50.00
Turbidity	35.00
pH & Temperature	40.00
Dissolved Oxygen	35.00
<b>Organics</b>	
Total Petroleum Hydrocarbons	150.00
Poly Chlorinated Biphenyls	250.00
Poly cyclic Aromatic Hydrocarbons	250.00
Pesticides	250.00
Fats oil and Grease	60.00
Carbonyls	250.00
<b>Air</b>	
SO <sub>x</sub> (SO <sub>2</sub> passive sampling)	60.00
SO <sub>x</sub> (High Volume sampler)	TBD
NO <sub>x</sub>	TBD
TSP	10.00
PM <sub>10</sub> , PM <sub>2.5</sub>	TBD
O <sub>2</sub>	TBD
CO	TBD
N <sub>2</sub>	TBD
CH <sub>4</sub>	TBD



**National Environmental Laboratory Building**  
 Plot 20576 Magochanyama Road, Block 8 Industrial,  
 Gaborone, Botswana  
 Private Bag BR 132, Gaborone, Botswana  
 Tel: +267 3911802 / 3934479  
 Fax: +267 3934486 / 3909953  
 email: wmpc@gov.bw



***NB: TBD- To Be Determined.***

**B. Group cost analysis per sample**

<b>Type of analysis</b>	<b>Parameters</b>	<b>Cost (P)</b>
Waste Water	pH, Temperature, Dissolved Oxygen, Chemical Oxygen Demand, Turbidity, Conductivity, Total Dissolved solids, faecal coliforms, total Coliforms, anions and trace metals	P1,500.00
Water quality for irrigation	pH, turbidity, conductivity, total dissolved solids, e-coli, faecal coliforms, anions and trace metals	P1,200.00
Water quality for life-stock and poultry	pH, turbidity, conductivity, total dissolved solids, Faecal coliforms, total coliforms, anions and trace metals	P1,250.00
Air sampling and analysis	Carbonyls, TSP, PM <sub>10</sub> , PM <sub>2.5</sub> , metals, CH <sub>4</sub> , SO <sub>x</sub> , NO <sub>x</sub> , O <sub>2</sub> , N <sub>2</sub> and CO.	P 2,500.00
Soil / Sludge	Trace Metals, pH, Conductivity, total dissolved solids, Total Coliforms, Anions	P 1,700.00

**C. Extraction**

<b>Matrix</b>	<b>Price per sample</b>
Air	<b>P30.00</b>
Waste water	<b>N/A</b>
Soil/ Sludge	<b>P30.00</b>



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#### **D. Sampling: (Subject to availability of resources)**

**The sampling price will be dependent on where the sample is to be collected. The price will be calculated per distance and the number of samples to be collected. The rate used are as per Government rates for Travel, on Sand, Tarred and Gravel roads which are: Sand P5.60/km; Gravel: 4.50/km; Tarred P2.55/km. Where hotel stay is required the rate will be as per the government subsistence allowance at a rate of P142.80/night.**

<b>Matrix</b>	<b>Price</b>
Ground water	<b>See Above statement</b>
Air	<b>See Above statement</b>
Waste water	<b>See Above statement</b>
Soil/ Sludge	<b>See Above statement</b>

#### **E. XRF analysis**

P 30.00 per sample. Only % composition will be given in the results.

#### **Turn-around time**

- a. Microbiology analysis – 6 days
- b. Chemical analysis– 8 days

#### **Contact:**

**Mr. Saily Motladiile**  
**Principal Chemist I**  
**Tel: 3934479 (SB) / 3716846 (D)**