

Laboratory Services (Water Analysis)

Overview

Analysis of water samples provides the customer with knowledge of the chemistry and microbiology of their water. The water sample can be obtained from a borehole, well, water tank, dam, tap, or any other water source. This service is provided to anyone who wants to know the condition of the water they obtain.

In addition, customers can be provided with advice on national water standards based on the preference of the customer: Examples:

- BOS 32 (Drinking water-Specification)
- BOS143 (Bottled water other than natural water-Specification)
- BOS262 (Bottled natural water-Specification)
- BOS463 (Water Quality for irrigation-Specification)
- BOS365 (Drinking water for livestock and poultry-Specification)
- BOS93 (Wastewater-Physical, microbiological and chemical requirements-Specification)

Who is eligible?

All citizens, non-citizens, and businesses can access this service.

How do I get this service?

- Customer must go to the Department of Water and Sanitation Office and indicate that they want to get their water tested.
- Customer will complete [Request Form](#).
- Customer will be provided with sample collection bottles and instructions on how to collect the water sample.
- Customer submits samples to the laboratory.
- Customer pays for the analysis and is given a receipt.
- Results will be sent to the customer through e-mail, post, or they can be collected from the laboratory by the customer.

What supporting documents are required?

There are no supporting documents required.

How long will this service take?

Microbiology analysis is completed within five(5) working days and chemistry analysis is completed within ten(10) working days.

How much does it cost?

Item Service	Amount (BWP)
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<ul style="list-style-type: none"> Chemistry Full Pack pH, Electrical Conductivity, Total Dissolved Solids, Alkalinity, Bicarbonates, carbonates, sodium, potassium, calcium, magnesium, iron, manganese, fluoride, chloride, bromide, nitrite, nitrate, sulphate, o-phosphate, Turbidity 	300
<ul style="list-style-type: none"> Microbiology Full Pack Faecal coliform, E.coli, Total coliform, Intestinal enterococcus 	240
<ul style="list-style-type: none"> Chemical Analysis of Waste Water-Full Pack Total Suspended Solids, Dissolved oxygen, Biochemical Oxygen Demand, Chemical Oxygen Demand. 	200
<ul style="list-style-type: none"> Individual Analyte (drinking water) 	15
<ul style="list-style-type: none"> Individual Analyte (Microbiology) 	60
<ul style="list-style-type: none"> Individual Analyte (Wastewater) 	50

Where can I obtain this service?

For more information, please contact any of the offices below, 07:30 to 12:45 and 13:45 to 16:30, Monday to Friday, except public holidays.

Department of Water and Sanitation (Headquarters)
Water Quality Laboratory, Old Lobatse Road
Plot 25019
Private Bag 0029
Gaborone
Botswana
Tel. (+267) 3607100
Fax. (+267) 3903508

Maun Department of Water and Sanitation,
Water Quality Laboratory
Along Sir Seretse Khama Rd
Private Bag 002
Maun
Botswana
Tel. (+267) 6860452
Fax. (+267) 6860372

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