

# Drinking Water Quality Testing Country Fact Sheet: Zambia

## Country Water Quality Standards

Drinking Water Quality Parameter	National Standard
Microbiological (Thermotolerant [Fecal] Coliforms)	0 CFU/100 mL
Turbidity	10 NTU
Nitrate	10 mg/L
Nitrite	1.0 mg/L
Arsenic	0.05 mg/L
Fluoride	1.5 mg/L
Iron	1.0 mg/L
Manganese	0.1 mg/L

## Laboratories

### Licensed

- Zambia Bureau of Standards**  
 Lechwe House, Freedom Way, South End  
 P.O. Box 50259, ZA 15101 Ridgeway  
 Lusaka, Zambia  
 Cell: +260977750010  
 Tel: +260211231385  
 Fax: +260211238483
- Environmental Engineering Laboratory**  
 University of Zambia  
 Great East Road Campus  
 P.O. Box 32379  
 Lusaka, Zambia  
 Tel: +260211290962  
 Contact: Joel Kabika
- Kafubu Water and Sewerage Company**  
 P.O. Box 71278  
 Ndola, Zambia  
 Tel: +2602622425  
 Fax: +2602622177

# Drinking Water Quality Testing Country Fact Sheet: Zambia

- **Alfred Knight**  
P.O. Box 20303  
Corner Mindola Shaft and Golf Club Rd  
Nkana West  
Kitwe, Zambia  
Tel: +260212226433  
Fax: +260212226306
- **Tropical Disease Research Centre**  
P.O. Box 71769  
Ndola Central Hospital  
Ndola, Zambia  
Tel: +260212611575  
Tel: +260212621412
- **Food and Drug Control Laboratory**  
University Teaching Hospital  
P.O. Box 30138  
Lusaka, Zambia  
Tel: +260211252855/+260 (211) 252875
- **Indeni Petroleum Refining**  
P.O. Box 71869  
Ndola, Zambia  
Tel: +260212655325  
Fax: +260212655191
- **Ndola Lime Company**  
P.O. Box 70057  
Ndola, Zambia  
Tel: +260212621172  
Fax: +260212611260
- **Lusaka Water and Sewerage Company**  
P.O.Box 50198  
Lusaka, Zambia  
Tel: +260211250002
- **Ministry of Mines, Energy and Water Development**  
P.O. Box 31969  
Lusaka, Zambia  
Tel: +260 211 251389  
Fax: +260253568

# Drinking Water Quality Testing Country Fact Sheet: Zambia

- **Eastern Water and Sewerage Company**  
P.O. Box 150464  
Chipata, Zambia  
Tel: +260216221534  
Fax: +260216221403
- **Nkana Water and Sewerage Company**  
P.O. Box 20982  
Kitwe, Zambia  
Tel: +260212222488  
Fax: +260212222490
- **Southern Water and Sewerage Company**  
P.O. Box 61113  
Livingstone, Zambia  
Tel: +260213322103
- **Lukanga Water and Sewerage Company**  
P.O. Box 81745  
Kabwe, Zambia  
Tel: +260215222474  
Tel: +260215223926
- **Western Water and Sewerage Company**  
Mongu, Zambia  
Tel: +260217221019
- **North Western Water and Sewerage Company**  
Solwezi, Zambia  
Tel: +260218821330
- **Chambishi Water and Sewerage Company**  
P.O. Box  
Chambishi, Zambia  
Tel: +260212721977
- **Lukanga Water and Sewerage Company**  
Chibombo, Zambia  
Tel: +260215274125
- **Mulonga Water and Sewerage Company**  
Kabundi Road  
Chingola, Zambia  
Tel: +260212313681

# Drinking Water Quality Testing Country Fact Sheet: Zambia

- **Mopani Copper Mines Analytical Services**

P.O. Box 22000  
Kitwe, Zambia  
Tel: +260212247011  
Fax: +260212244002

- **Konkola Copper Mines Analytical Services**

Chingola, Zambia  
Tel: +260212350000  
Fax: +260212351357

## Unlicensed

- None are known

## **Local Organizations Doing Water Quality Testing**

- **Seeds of Hope International Partnerships**

PO Box 250107  
Plot 384 Makoli Road  
Ndola, Zambia  
Tel: +260212671545  
Email: [info@sohip.org](mailto:info@sohip.org)  
Website: <http://sohip.org/solutions/wet-c/water/water-quality-testing/>

## **Local Organizations Providing Training for Water Quality Testing**

- **Seeds of Hope International Partnerships**

PO Box 250107  
Plot 384 Makoli Road  
Ndola, Zambia  
Tel: +260212671545  
Email: [info@sohip.org](mailto:info@sohip.org)  
Website: <http://sohip.org/solutions/wet-c/water/water-quality-testing/>

Type of training provided: Introduction to Drinking Water Quality Testing workshops  
Audience: Government staff, Water Utility Companies, nongovernmental organizations (NGOs), community based organizations (CBOs), individuals working in the water and sanitation sectors

- **University of Zambia**

Environmental Engineering  
Great East Road Campus  
P.O. Box 32379  
Lusaka, Zambia  
Tel: +260-1-290598

Type of training provided: Client Driven Training  
Audience: Government staff, Water Utility Companies, NGOs, CBOs, individuals working in the water and sanitation sectors



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- **Zambia Bureau of Standards**

Lechwe House, Freedom Way, South End  
P.O. Box 50259, ZA 15101 Ridgeway  
Lusaka, Zambia  
Cell: +260977750010  
Tel: +260211231385  
Fax: +260211238483

Type of training provided: Client Driven Training  
Audience: Government staff, Water Utility Companies, NGOs, CBOs, individuals working in the water and sanitation sectors

## Local Organizations Providing other Water Quality Services

- **Seeds of Hope International Partnerships**

PO Box 250107  
Plot 384 Makoli Road  
Ndola, Zambia  
Tel: +260212671545  
Email: [info@sohip.org](mailto:info@sohip.org)  
Website: <http://sohip.org/solutions/wet-c/water/water-quality-testing/>

Type of service provided: Project Monitoring and Evaluation, Action Research Projects, Presence and Absence test kit sales  
Clients: Government departments, Water Utility Companies, NGOs, CBOs, individuals working in the water and sanitation sectors, borehole drillers, bottled water companies, health care professionals



# Drinking Water Quality Testing Country Fact Sheet: Zambia

## Local Suppliers

### Hardware Equipment

Supplier Name and Equipment Available	Contact Person	Phone Number, Fax, Email	Address
<b>THE TECH GROUP</b> Lab equipment and supplies, agents for Wagtech International, Potalab and Potakit portable water quality test kits (see Wagtech website for product list)	In Lusaka: Rhoda	Tel: +260 1 248021/2 Fax: +260 1 246281 Cell: +260 977 606272 Email: <a href="mailto:techgroupzambia@gmail.com">techgroupzambia@gmail.com</a>	Plot 4298, Buyantanshi Road, Heavy Industrial Area, PO Box333021/2 Lusaka, Zambia
<b>FERRONES ENTERPRISES</b> Glassware and various lab equipment	Mr Kunda	Tel: +260 977860136	PO Box 70881 Ndola, Zambia Provident House, 9th Floor, Room 904, Ndola, Zambia
<b>KATKAM Ltd</b> Glassware and various lab equipment		Tel: +260955994452 Fax:+260 2 621242 Email : katkamLtd@yahoo.com	Rooms 303 &304, Buteko House, Buteko Avenue, Ndola, Zambia  PO Box 240225, Ndola, Zambia
<b>Lab Galore Ltd</b> Various laboratory equipment and precision instruments	Charles Nyirenda (Director)	Telefax: +260 211 841 003/ fax 0211 430345 Cell: +260 955/975 453 823 Email: <a href="mailto:labgalore@yahoo.com">labgalore@yahoo.com</a>	Shop No. U5 (upstairs) Westgate Shopping Mall, Freedom Way, Lusaka, Zambia

# Drinking Water Quality Testing Country Fact Sheet: Zambia

## Local Suppliers

### Consumable Items

Supplier Name and Consumable Items Available	Contact Person	Phone Number, Fax, Email	Address
<b>THE TECH GROUP</b> Agents for Wagtech International MLSB, chemical testing reagents, turbidity standards, microbiological consumables (e.g., filter paper, pads)	In Lusaka: Rhoda	Tel: +260 1 248021/2 Fax: +260 1 246281 Cell: +260-977-606272 Email: <a href="mailto:techgroupzambia@gmail.com">techgroupzambia@gmail.com</a>	Plot 4298, Buyantanshi Road, Heavy Industrial Area, PO Box333021/2 Lusaka, Zambia
<b>FERRONES ENTERPRISES</b> Chemical reagents, methanol, ethanol, pH buffers, membrane filter paper, pads, Petri dishes	Mr Kunda	Tel: +260977860136	P.O.Box 70881 Ndola, Zambia Provident House, 9th Floor, Room 904, Ndola, Zambia
<b>KATKAM Ltd</b> Laboratory chemical reagents, culture media (m-Endo), methanol, ethanol, phosphate buffer, pH buffers, Millipore products		Tel: +260955994452 Fax:+260 2 621242 Email: <a href="mailto:katkamLtd@yahoo.com">katkamLtd@yahoo.com</a>	Rooms 303 &304, Buteko House, Buteko Avenue Ndola, Zambia  PO Box 240225, Ndola, Zambia
<b>Lab Galore Ltd</b> Diagnostic reagents and chemicals, various culture media, m-Endo media, methanol and ethanol	Charles Nyirenda (Director)	Telefax: +260 211 841 003/ fax 0211 430345 Cell: +260 955/975 453 823 Email: <a href="mailto:labgalore@yahoo.com">labgalore@yahoo.com</a>	Shop No. U5 (upstairs) Westgate Shopping Mall, Freedom Way, Lusaka, Zambia

# Drinking Water Quality Testing Country Fact Sheet: Zambia

## Membrane Filtration Culture Media Used in the Country

- Membrane lauryl sulphate broth (MLSB)
- m-Endo

## Tips for Working in the Country

- When carrying drinking water quality testing equipment out of the country you must fill out export forms (Customs General Registration Certificates) available at the customs office. A customs officer will come and verify the items on the forms and sign off. An agent can be used if there are numerous items or a complex list. There may be fees attached. See the following page for an example Customs Form.
- Purchasing and importing equipment from out of country is often less expensive, but there are associated customs charges (depends on equipment). Not for profits and NGOs are often exempt, so this may be a viable option.
- Get price comparisons as there are sometimes large price differences between suppliers.
- Give plenty of lead time when ordering supplies. It can take a lot of time to receive orders.
- Develop networking relationships with other laboratories. They can be a valuable source of information and resource sharing.

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CAWST (Centre for Affordable Water and Sanitation Technology)  
Calgary, Alberta, Canada  
Website: [www.cawst.org](http://www.cawst.org) Email: [resources@cawst.org](mailto:resources@cawst.org)  
*Wellness through Water.... Empowering People Globally*  
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## Example Customs Form for Zambia



FORM CT 1

**ZAMBIA REVENUE AUTHORITY**  
Customs and Excise Division

**CUSTOMS GENERAL REGISTRATION CERTIFICATE**

1. Customs Port/Aerodrome: LUSAKA      2. Date: 07.03.2011

3. Name of Exporter: SEEDS OF HOPE INTERNATIONAL PARTNERSHIP

4. Address in Zambia:

(a) Postal: Box 73272 NDOLA

(b) Residential: PLOT # 384 MAKOLI RD, NDOLA

5. PARTICULARS OF GOODS

FULL DESCRIPTION OF GOODS	SERIAL NUMBERS	VALUES FOR CUSTOMS PURPOSES	FOR OFFICIAL USE ONLY
<u>EGG INCUBATOR</u>	<u>9200</u>	<u>K 60=00</u>	

6. I certify that the above mentioned goods are the property of SEEDS OF HOPE INTERNATIONAL PARTNERSHIP and are being taken out of Zambia for the purpose of PROJECT MONITORING AND EVALUATION and are to be returned to Zambia in due course.

Signature: [Signature]      Date: 07.03.2011

**FOR OFFICIAL USE ONLY**

Name of Customs Officer: JOSEPH PAIKI

Signature: [Signature]      Date: 09/03/2011

DATE STAMP

**09 MAR 2011**

ZAMBIA REVENUE AUTHORITY

Port Serial No: 04-03-2011  
Number / Month / Year