



**Ministry of Water and Environment
Joint Technical Review 2018**

Undertaking no. 5

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Detail of Undertaking no. 5

- Finalize and pilot the national framework for drinking water quality management and regulation in the four WMZ by the end of financial year 2017/18.
- Name of the committee overseeing the undertaking: IWRM
- Chaired by: Director, DWRM
- Secretariat: DWQM

Progress in achieving outputs

- Consultancy was completed and final framework documents have been submitted.
- The department is analyzing recommendations and incorporating some in the revised Water Policy and Water Act.
- Piloting has not commenced due to lack of funds.

The National Framework for Water Quality Management and Regulation

Final output comprises 2 Framework documents, 1 guideline, 5 annexes and 34 Recommendations

1. Improved framework for drinking water quality management and regulation in Uganda comprises:
 - Sub-framework for drinking water quality monitoring and regulation;
 - Sub-framework for regulation of water quality testing laboratories;
 - Sub-framework for regulation of water treatment chemicals; and
 - Sub-framework for regulation of household level water treatment technologies.

The National Framework for Water Quality Management and Regulation

Final output comprises 2 Framework documents, 1 guideline, 5 annexes and 34 Recommendations

2. Improved framework for water security and safety planning.
3. Guidelines for management of drinking water quality in emergency situations.

The National Framework for Water Quality Management and Regulation

5 Annexes as separate volumes

- **Annex 1:** Considerations for Design of an Electronic Water Quality Management System in Uganda
- **Annex 2:** Water Safety and Security Planning Guideline for Uganda
- **Annex 3:** Budget for Medium Term Action Plan to Roll Out Water Safety and Security Plans in Uganda
- **Annex 4:** Guidelines for Drinking Water Quality Management in Emergency Situations
- **Annex 5:** Lessons from Austria for Drinking Water Quality Management in Uganda

Sub-framework for drinking water quality monitoring and regulation

Recommendation 1.1

Immediately establish a Drinking Water Quality Regulatory Division in the Ministry of Water and Environment through re-organisation of the Department of Water Quality Management.

Recommendation 1.4

Introduce amendments to the Water Policy and Water Act to give authority to the Director of Water Resources Management to regulate drinking water quality and prepare regulations to facilitate enforcement of drinking water quality standards.

Sub-framework for regulation of water testing laboratories

Recommendation 3.1

Complete the upgrade of the Water Quality Laboratory in Entebbe to a National Reference Laboratory on Water Quality and designate it as a regulator for water testing laboratories.

Recommendation 3.2

Make amendments to the Water Policy and Water Act to provide for a regulatory role for DWQM with respect to water testing laboratories.

Recommendation 3.4:

Register all water testing laboratories, and prepare, regularly update and widely distribute a map showing the location of the water testing facilities in the country.

Sub-framework for regulation of water treatment chemicals & household water purification technologies

Recommendation 3.7

Develop standards for commonly used water treatment chemicals.

Recommendation 3.8

Introduce amendments to the Water Policy and Water Act to require water utilities to report new stocks of water treatment chemicals.

Recommendation 3.10

Make amendments to the Water Policy and Water Act to provide for regulation for household-level water purification technologies.

Sub-framework for water safety and security plans

Recommendation 4.1

Designate the proposed Division of Drinking Water Quality Regulation as the key agency for enforcement of Water Safety and Security Plans (WSSPs) in Uganda.

Recommendation 4.2

Develop and Implement an Action Plan to roll-out WSSP in Uganda.

Recommendation 4.3

Make amendments to the Water Policy and Water Act to strengthen the role of WSSP in management of drinking water supplies in Uganda.

Recommendation 4.5

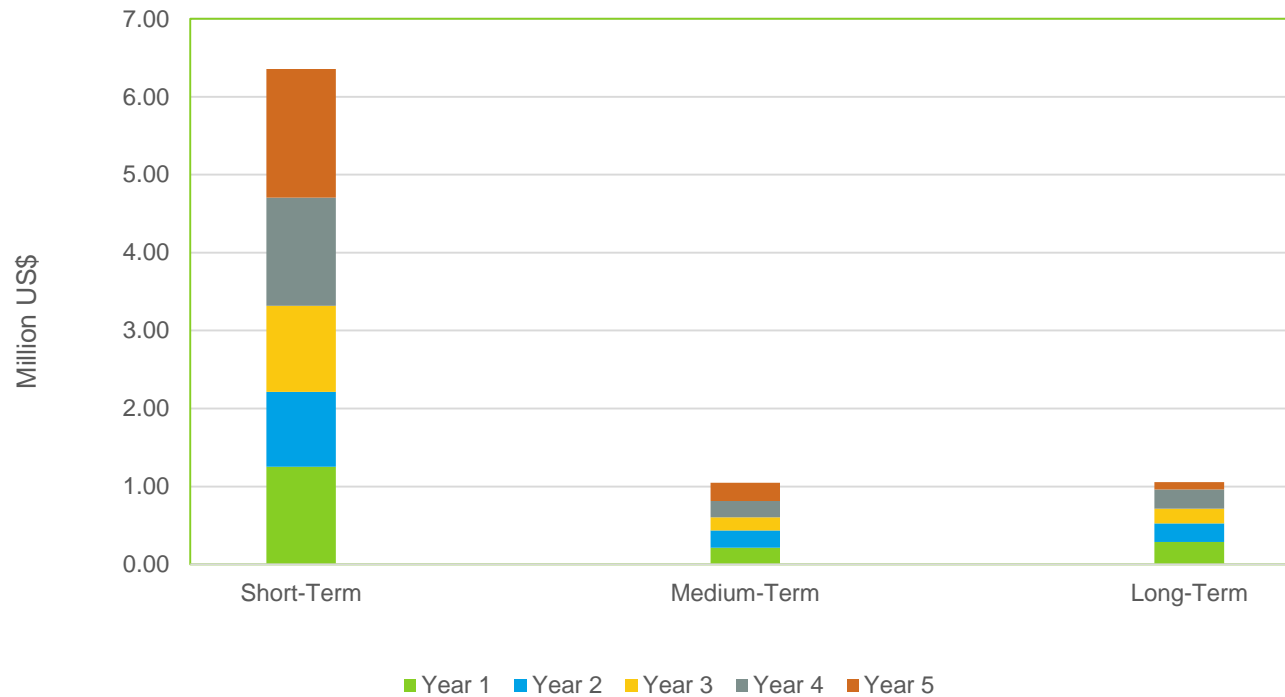
Develop a chemical, biological, radiological and nuclear (CBRN) defence strategy as an integral element of WSSP in Uganda.

Sub-framework for drinking water quality management in emergency situations

Recommendation 5.1

Develop a WASH sub-sector strategy and action plan for disaster preparedness and management.

Funding requirements to implement the Framework



Total = US\$ 8,441,604.00

Key Challenges

- Lack of funds for piloting