

6. Conclusion

The research has shown that WFK are undertaking valuable work in Iganga which will contribute to achieving the targets specified in MDG number 7. Ensure Environmental Sustainability, target no. 3 and MDG number. 8 Developing a Global Partnership for development . WFK's work will also contribute to the Ugandan government's target of achieving equal coverage of improved water supplies in all districts of Uganda by 2017.

The water improvement works have resulted in a general improvement in bacteriological quality of the water supplies however it should be noted that due to technical problems with the collection of bacteriological data there are certain limitations for the use of the data as outlined in the discussion chapter.

The results from the turbidity readings are much more reliable than the bacteriological data and it is encouraging to note that the majority of WFK's improved water sources have excellent turbidity levels.

The works carried out by WFK in Iganga district have several indirect benefits for the local community such as increased training opportunities on the maintenance of water supplies, increased ease of access to advice for residents on Environmental and Public Health issues due to increased visits to their community by Health Assistants to monitor progress and an increased potential for income to be generated from the outflow of protected springs by the construction of fishponds for fish farming.

Other indirect impacts include the removal or reduction of risk from health and safety issues such as manual handling and potential drowning hazards.

7. Suggested recommendations for potential improvements to future Water for Kids projects within Uganda

- Prior to agreeing work with the local community ensure that an in-depth evaluation of the suitability of the intended water supply method for use in the identified community so that the work undertaken will result in the best outcome to benefit the public health of the community.
- Consider allocating more resource and funding towards sanitation & hygiene, especially where suitable water sources for improvement have not been found.
- Increase the level of communication and develop a partnership with the District Chief Health Officer and the District Water Officer in order to coordinate works within the district.
- Increase the level of formal education on Environmental Health issues within communities through training days.
- Introduce regular monitoring of projects already carried out, including routine water sampling, and improve communications with individual communities' water committees in order to identify problems with water sources at an early stage.
- Ensure that the water sampling kit is professionally repaired, serviced and calibrated

Extract from

An evaluation of environmental health outcomes achieved through the UK-based charity "Water for Kids" projects in Iganga district, Uganda

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