CONCEPT NOTE FOR THE FLOW TRAINING AND MAPPING OF THE WATER SOURCES IN KABAROLE DISTRICT

Introduction:

Under the WASH agenda for change (WA4C) IRC is focused on supporting Kabarole district to reach universal WASH coverage by 2030. This calls for establishment of the current level of WASH services in the district and setting up a system of monitoring the incremental changes in the service over years. At the same time, the Watershed programme that is being implemented in the Rwenzori region (Kabarole and Ntoroko districts) is focused on increased advocacy for improved WASH for all and IWRM. This also calls for accurate information and data on the levels of WASH services and IWRM implementation in the two districts.

Watershed core partner Akvo Foundation akvo.org has built capacity of the partners to use Akvo Flow, Akvo RSR and Caddisfly tools to collect and use monitoring data of WASH services. Flow (Field Level Operation Watch) in particular provides opportunity for creating an accurate and dynamic database for monitoring changes in the water sources and service levels. IRC Uganda will use Flow to map water sources in Kabarole district and create baseline upon which monitoring will be based for advocacy and implementation strategies for sustainable WASH for all. Flow is a dashboard base system used to collect a wide range of variables on the water system from the field using android phones.

Data Collection and Monitoring

Because it is for the first time that comprehensive WASH data will be collected in Kabarole, data collection will be done on all water point existing in the district. This will enable us establish a baseline upon which regular monitoring will be based to ascertain the service levels, functionality, access, equity levels, management functioning and types, technological option and identify places that have no improved water sources. Household data will also be collected to establish the service level, access to safe water and sanitation. Another set of data will be collected on access to WASH in public institutions; schools and Health centres. Lastly Water quality analysis will be done on a mix of water sources, taking special interest in those that seemingly at risk of contamination. This will be done on point water sources like springs, shallow wells and boreholes as well as on piped water systems at point of intake and distribution. Water quality analysis will be done independently by Albert Water Management Zone. Key parameters for water quality analysis will be based on key parameters for drinking water (Total coliforms, Ecoli, EC, PH, Flourides) and presence of key metals that affect hardware like iron.

Training of Data collectors:

Data collection will commence with selection and training of the data collectors on FLOW. Data collectors will be drawn from Hand Pump Mechanics Association and extension workers like Health Assistants and Community Development Officers. A two day training will be based on the following items;

a) Concept of Universal access to WASH.
b) Why data has to be collected and why it is important to have accurate data
c) FLOW tool, surveys and questionnaires/forms – It will be important that questions are interpreted in the local language by the data collectors so that accurate information is collected.
d) Phone application and handling.
e) Assignment agreements and contracting

The training will include the DWOs for buy in. Data will be collected from all the 14 sub counties and town councils of the present day Kabarole district. This will include four sets of field data namely; (i) Water point data; (ii) Institutions WASH (Schools, Health centre); (iii) Household data (Water and Sanitation). Water quality testing will also be done separately. Sampling will be done for Household data but a census will be undertaken for all the water points, Primary schools and Health centres.

Key outputs:

- Three sets of data on Water points, Households water and sanitation and WASH in public institutions and Report on Water quality analysis
- A team of FLOW data collectors trained and deployed
- A data base of Water points/water point mapping
- District and sub county reports on Access, Functionality and service levels

Expected results

- Alignment of WASH implementation in Kabarole to the WA4C agreed tools
- More reliable monitoring data on WASH for Kabarole district
- Evidence of gaps and challenges for systematic advocacy and Lobby for improved WASH

Programme for the Data collection

- Development of surveys and uploading them on phone May
- Pilot testing the phones and survey May

- Water quality analysis- 12th -23rd June
- Training of data enumerators: June 5th and 6th 2017.
- Data collection June - July
- Data cleaning and analysis July

Planned Deployments

Water point Survey		**Household WASH and Institutional WASH**	
Balyebuga Stephen	Bukuku S/C Karago TC Karangura S/C	Kubusingye Sarah	Kasenda Ruteete Kiko TC
Adam Mohamed	Kasenda S/C		
Ocaaki Daniel	Harugongo	Kanyunyuzi Stella	Karambi Karago TC Bukuku
Bwango Godfrey	Busoro S/C	Harold Mpairwe	Busoro Hakibaale
Mwanguhya Bonny	Karambi S/C	Rovinah Nyakake	Harugongo Kicwamba
Kabyanga Vincent	Kicwamba S/C Kabende S/C	Mpuuga Nicholas	Mugusu S/C Mugusu TC Karangura S/C
Allelluia Stephen	Kijura S/C Hakibaale S/C	Kezaabu Joan	Kabende Kijura TC
Baluku Ramathan	Mugusu TC Mugusu S/C		
Kato Jorams	Ruteete Kiko TC		