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## **Our Philosophy**

### **I. VISION**

To Obtain the Hallmark for Quality Services, Technical Excellence, Reliability and Integrity.

### **II. OBJECTIVES**

To provide value-added consultancy services & innovative engineering solutions to meet clients' satisfaction with due care for sustainable environment and society.

### **III. CORE VALUES**

- We Value Our Staff for Their Creativity & Commitment to Quality.
- We provide the Best Solution for Our Clients.
- We Uphold Integrity in All Our Dealings with Our Clients and Vendor



## DAKAH Water solutions Consultant

### IV. Our Core Business

DAKAH Water Solutions Consults; is a specialist providing wide range of services on water scheme engineering, water treatment and distribution. We specialize in feasibility studies, detailed design and construction stage management pertaining to water supply engineering.

### V. Our Core Values

We believe that Quality Service is a result of continuous dedicated effort that brings tremendous value. We value our staff for their Creativity, Commitment & Teamwork towards ensuring the best solution and value for our clients.

We embrace honesty and trustworthiness through professional and ethical behavior with our clients, communities and each other.

### VI. Our Goal

We are committed to provide Innovative, High Quality, Cost Effective & Environmentally Friendly Designs with emphasis on Safety & Ease of Construction. We are committed to the success of our clients and people.

## 2.General History

The company started as Water, Environmental and Geo-hydrogeological Science (Water Solutions Consult) in Uganda in 2017. Water Solutions Consult started its operation under a trade name DAKAH Enterprises until 2019 and the two entities married and became DAKAH Water Solutions Consult with index registration number **80020003543603 as of 2022.**

Water Solutions Consult as part of DAKAH Enterprises now has offices in Kyengera town council, Masaka road in Wakiso District (Uganda) After a long-standing partnership and cooperation with DWRM, UWASNET, Uganda Contractors Drilling Association (UDCA) Through that cooperation Water Solutions Consult has strengthened knowledge base and broadening in the fields of expertise in the sector.

The company has built on the team of expert professionals' presence of more than 10 years and has been build up a large network in the region and international specialist in the water and environment sector including social scientists, environmentalists, hydrogeologist and Engineers. Basing on expert professionals with long period of regional experience has resulted trusted local partners and contractors providing ready services for projects in any field of expertise.



## 3. Our Services

- Feasibility Studies for water scheme system Designs
- Design of schemes (in association with international experts)
- Routine project Safety Inspection
- System Surveillance and Monitoring
- One-year project Safety Inspection
- System Break Study
- Emergency Response Plan
- Feasibility Studies of Water Supply Schemes
- Detailed Design of Water Treatment Plant and Distribution Systems
- Construction Stage Management

## **VII. Water Resources Assessments (WRA)**

Water Solutions Consult undertakes assessment studies of the available water resources, both groundwater and surface water and both water quality and water

quantity. Water Resources Assessments provide the foundation to make informed decisions on developing water supplies, but also to predict the impact of climate change on water resources. We provide rural and urban borehole siting services, using geophysical techniques to pinpoint high potential locations for boreholes. We carry out borehole drilling (supervision) and rehabilitation, as well as borehole test-pumping supervision and analysis. Our hydrogeological expertise enables a sustainable and optimal development of water resources. We also assist in water resources development feasibility and planning studies, and rainwater harvesting options.



We can help you identify the most ideal source of water supply, either surface or groundwater. Water Solutions Consult is highly experienced in conducting catchment yield analyses for surface water supply, and geophysical field surveys (both 1D profiling, 2D ERT and VES) to identify and quantify groundwater sources.

## **VIII.Environmental and Social Impact Assessments (ESIA)**

Strategic Environmental and Social Impact Assessments have become a formal requirement when developing new projects. In association with social and environmental specialists, we are able to assist you in environmental, social and economic impact assessments in all development sectors, including also



Resettlement Action Plans. We conduct large-scale baseline, mid-term and end line surveys to analyse household development, gender equality aspects, reproductive health, willingness to pay and other project requirements and impacts where our enumerators use tailor-made software and tablets to ensure rapid assessments.

## **IX. Water, Sanitation and Hygiene (WASH)**

Water, Sanitation and Hygiene are among the most important sectors for development throughout Africa. In order to get insight into the sustainability of WASH programs, it is important to provide updated assessments of the operational sustainability of the provided water and sanitation services. We carry out surveys for WASH implementation programs, including household surveys, community focus group discussions and stakeholder interviews. We also assist in community mobilization and in water and environmental sanitation and hygiene education.



This is Buyende community demonstrating the use of a Tip tap and a rack for utensils. We believe in transformation in the gap areas identified

## **X. WATER SUPPLY**

We shall be with you and keep with you until you get what you need, our innovative engineers with a listening ear will come up with a solution to your water need. It may be to Drill a well, Harvest rain water, hand dug well, Spring box, water treatment or shallow Well, to mention it.



# DAKAH Water solutions Consultant



Rehabilitation of Nakigalala Spring box and pleaseving water way to nakigalala tea estate.







Nakigalala spring box rehabilitated, long queues eliminated because of the increased yield, and source protected from running storm to protect it from contamination.



## **XI. Integrated Water Resource Management (IWRM)**

Integrated Water Resource Management is of vital importance to the sustainable development and management of water resources at a catchment level. Water Solutions Consult has experience developing integrated catchment management plans from micro catchments to L Victoria, Nile River sub catchments, incorporating economic, social, environmental and cultural elements.

## **XII. WATER RESOURCE INFORMATION SYSTEMS (WRIS)**

We can assist with data collection, database set-up and management and management information systems (MIS) for any project requirement. We have experience developing water monitoring networks as well as its related database development. Through the years, we have also developed a database of a large amount of maps and data in the countries we work in, which we use in our projects.

## **XIII. IRRIGATION**

Water Solutions Consult is able to assist you with various activities required for agricultural development ranging from topographic surveys, soil surveys, agro-economic analyses, irrigation requirements, irrigation system design and implementation. We have experience in developing ground- or surface water-based water supply for irrigation and the design of irrigation schemes.



## **Sustainability**

In all our works the main goal is to achieve the sustainability of our projects, and focus on sustainable rural water supplies through a unique





## DAKAH Water solutions Consultant

implementation approach called ***“A Token for Life”*** DAKAH Water Solutions Consult has formed a long-term working relationship with drilling company CMCWater and Tiva Water filters and International NGOs like Living water international, to realize high standard water supplies in the rural areas together we work with various partners in USA and Canada. The Combined knowledge of Water Solutions Consult, CMCWater and Tiva Water sharing of basic costs (office, administration, transport) leads to high quality cost-efficient water supplies.

Because we care and feel the warmth of being part of you, we have partnered with Associates In Mission (AIM) to have an outreach to reach out the for the identified gaps spiritually share the little we have with who ever needs it most. Like optical outreach, high school outreach, Discovery outreach to Sunday schools and primary schools, we love to work with existing institution like the Church, and Community Based Organizations (CBOs)

The synergy of the partners ensures that donors get real value for money, Water projects through Water Solutions Consult cost half of the money other large NGOs and Drilling contractors are budgeting for and through the knowledge of the water resources situation in Uganda of local partners allows Water Solutions consult select the cheapest type of water sources.

We all believe that highly professional services and relationship form the basis for development of sustainable rural water supplies.

### AIM Outreach

Associate in Mission is our partner who reaches out to the community with the gospel, as we meet the thirsty for drinking water AIM comes in to meet the spiritual thirsty and to build the hope again for those who have lost hope and Love so that by the time, we leave the community we have reached what God expects from us to

share the Living water which alone satisfies the thirsty and that is His word. As Aim shares the word, it builds local teams to continue doing the same as the Lord leads.



Optical mission, with AIM in different areas where we work, Community members get reading glasses as we share the Jesus 'Love to the community.