

15,000 Homes, 300 Health centers and 1,200 Schools by 2030.



Water Access Consulting – Profile



Year – 2024

Water | Sanitation | Hygiene

1.0. General Information

Company Name	Water Access Consulting
Registration status	Company Limited by Guarantee (<i>Not-for-profit</i>).
Date of Registration	09 March 2017
Company Registration No.:	80020000130603
Tax identification No.:	1010110584
National Social Security Funds No.:	NS095289GUL
Public Procurement and Disposal of Public Assets Authority:	PRV/SRVCS/23122111/DEC/23
Unique Entity ID (UEI):	YAGFQK6XG3N6
EuropeAid ID:	UG-2015-FCR-0707046391
Head Office	P. O. Box 360821, Gulu Uganda Unyama B, Gulu City Tel: +256 393 246 482 Email: info@wateraccessconsulting.com Website: https://wateraccessconsulting.com
Other Offices	Plot 26. Fr. Vignato Road, Kitgum Municipality Tel: +256 780 318 903
Representative	Mr. Justine OLWENY - Managing Director Tel: +256 787 718 600 Email: justine@wateraccessconsulting.com .
Bank Details: ABSA BANK UGANDA LIMITED PLOT 16 KAMPALA ROAD UGANGA	Name: Water Access Consulting Ltd Number: 6005371323 Account currency: USD SWIFT code: BARCUGKXXXX Branch: Gulu Name: Water Access Consulting Ltd Number: 6005371331 Account currency: UGX SWIFT code: BARCUGKXXXX Branch: Gulu



2.0. Water Access Consulting Details

Background and Mission

Uganda, especially Northern region experienced a devastating water crisis after a two-decade civil war that left individual poor and in ill health of which majority is attributed to wash-bone disease. The local professionals teamed up with a commitment to curb down water, sanitation and hygiene challenges; thus, Water Access Consulting (WAC) was created.

Water Access Consulting is a social impact organization legally established to improve the delivery of sustainable water supply, sanitation, and hygiene services in health centers, schools, and communities with the goal of enhancing the quality of life. WAC's approach involves engaging individuals with disabilities, youth, and young women to drive positive change.

Vision

We envisioned a society that each household is able to access safe water and live in a healthy environment.

Love: Service-oriented culture filled with a true desire to support our clients to significantly expedite delivery and ensure delights.

Core Values

Integrity: The fruits of Honesty & Transparency.

Learning: Family that transform the useful seeds of intervention into solutions valued above every existing alternative that is widely adopted.

Innovation: Acquiring knowledge fast enough to survive and thrive in a rapid changing Environment.

Services

1.0. SAFE WATER SUPPLY

- 1.1. Groundwater Protection
- 1.2. Hydrological surveys and water well creation

2.0. OPERATION AND MAINTENANCE

- 2.1. Piped water system operations
- 2.2. WASH Financing

3.0. SUPPORT SERVICES

- 3.1. Infrastructure design, supervision, and management
- 3.2. Data management

4.0. CAPACITY BUILDING

- 4.1. Water, Sanitation, and Hygiene training
- 4.2. Research and development

Cross boarder Experience

WAC has extensive cross boarder experience in Rwanda, Kenya, Malawi, Serra Leone, Tanzania, DR. Congo, Zambia, Ghana, South Sudan and Burundi. The WAC's personnel have more regional context experiences, with professional platform memberships and subscription including WEDC, IWA, RWSN, E4C, HIFA, MWE, UWASNET, EWB, etc. These involvements have kept our personnel up to date with industrial trends, standards and experience that is shaping our projects making it more successful.



2.0. Water Access Consulting Details

	Name	Qualification	Position
Board of Directors	Justine OLWENY	Ad. Dip. WASHMEL, B.Sc. Information System & Technology Development – Geophysics.	Managing Director
	Judith AYAA	B.Sc. Nursing and Midwifery	Secretary

Staffs WAC employees sum up to ten. The following table and figure show the human resource capacity of WAC.

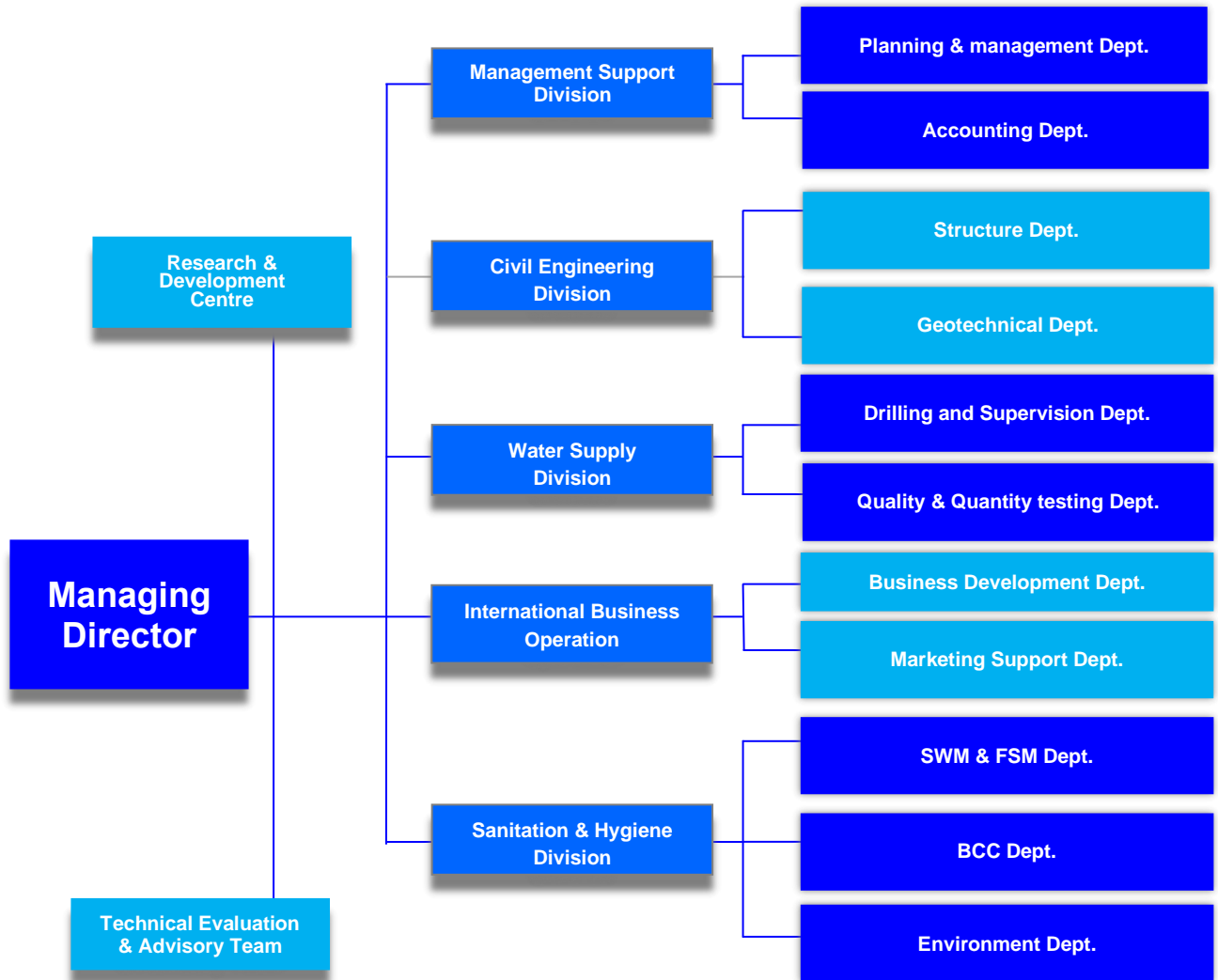
Engineers	Hydrogeologist	Socio-economists	Environmental ist	Administrators	Total
03	01	01	01	04	10

03 Female and 07 Males



2.0. Water Access Consulting Details

The organization chart below shows the actual operation of Water Access Consulting along with the principal officers, regular and resource professionals. WAC is structured to provide the highest possible standards of technical and professional services at the best interest of the clients, the nation and the stakeholders.



WAC has a Development & Research Centre which conducts research studies and develops various technologies. Today has started attracting students from Cranfield, Copenhagen University, and senior experts from developed countries to conduct their field activities.

3.0. Finance

Capital

\$ 311,145 USD

Capabilities

\$ 211,145 USD (Ave.), Annual Turnover for Last 03 years
27 Water, Sanitation, Hygiene and Environmental Projects (Ave.),
Annual # of Projects for Last 03 years

The following table shows financial capability in recent 03 years: 2023, 2022 and 2021. (Unit: USD)
(Exchange Rate: \$ 1.00USD – 3,600/- Ugx)

Item	Year 2023	Year 2022	Year 2021
Total Assets	\$ 345,103	\$ 245,058	\$ 84,456
Total Liabilities	\$ 21,241	\$ 12,432	\$ 8,302
Sales	\$ 454,354	\$ 385,235	\$ 101,985



4.0. Technical

Field of Works

- **Water Supply**

- Groundwater exploration
- Water Well Construction, Installation & Supervision
- Water Intake: River Intake, and Reservoir
- Water Treatment: Conventional Treatment and Advanced Technology Treatment
- Water Transmission: Pumping Station, Pipe Lines, Open Channels and Tunnels
- Reservoir and Tanks

- **Wastewater and Solid/Waste Disposal**

- Wastewater Treatment and Sludge Disposal
- Solid Waste Collection and Disposal Human Waste Collection, Treatment and Disposal

- **Water Recycling and Reuse:**

- Reuse Treatment, System Development and Management

- **Water Resources Management and Development**

- Water Quantity, Quality management and Development
- Hydrological, Hydrogeological and Analysis

- **Water Quality Control and Management**

- Raw Water Quality Control and Treated Water Quality control
- Municipal/Industrial Waste Water Quality Control

- **Computer analysis**

- Hydraulic Network Analysis
- Water Quality Modeling



4.0. Technical

Design Software

Field	Application	Software
Project Baseline, midterm and end line monitoring, evaluation and Learning	<ul style="list-style-type: none"> - Data collection and management, - Real-time remote visualization, - Digitalize, dashboard and console reporting 	<ul style="list-style-type: none"> Kobo Collect mWater Application Solstice
Water supply and Sanitation	<ul style="list-style-type: none"> - Water Hammer Analysis - Pipe Hydraulic Simulation - Cost Calculation - Civil Engineering Program - Design Works 	<ul style="list-style-type: none"> - Pipe 2010 (Surge) Pro - Water CAD V8i - EBS-C/System - KACE 2004 - H2O NET - ArcView - AutoCAD
Architectural	<ul style="list-style-type: none"> - Design Works - Quantity Survey of Finishing - Integrated Breakdown Management - Quantity Survey of Main Structure - Architectural Design Support 	<ul style="list-style-type: none"> - AutoCAD Revit - Architecture Suite - Cadpower
Structure	<ul style="list-style-type: none"> - Structural Analysis - Design of Pier and Abutment 	<ul style="list-style-type: none"> - SAP 2000 - MIDAS/Civil 2006
Geotechnical	<ul style="list-style-type: none"> - Piling Design - Slope Stability Analysis - Soft Ground Design - Invasion Analysis - Quantity Analysis 	<ul style="list-style-type: none"> - GRLWEAP - K-Embankment - Rock Work 17 - PLAXIS2D - IX1D v2.

WAC has wide-ranging experience and particular knowledge in providing specialized design services for most types of WaSH projects. WAC's design team is fully equipped with state-of-the-art computer facilities with modern software packages and has used various engineering software that will enable to handle technical data and undertake analysis required for feasibility studies, design and supervision works



4.0. Technical

Construction Supervision Equipment

Equipment Name	specification	Quantities
Salinity Analyzer	0.001~1.0%	SALT-9II
Concrete Test Hammer	NSR	02 pcs
Steel casting mall	Circular (ring) diameter and 9m long drainage length	01pc
Moisture analyzer		06 pcs

Survey Equipment

Equipment Name	Manufacturer	Model Number
Total Station	SOKKIA	SET3BII
Theodolite	KERN	DKM2-AE
ABEM TERRAMETER	SAS	SAS/1000
Auto Leveler	SOKKIA	B20

Electrial Power Facility Equipment

Equipment Name	Manufacturer	Model Number
Insulation Resistance Tester (500V)	SAEHAN	SH1000M
Earth Ground Resistance Tester	HYUDAI	HD3070
Clamp Meter	SAEHAN	SH300A
High Voltage CWACker	SAEHAN	SH805F
Low Voltage CWACker	SAEHAN	SH804F
Micro Meter	MITUTOYO	103-137
Multi Meter	DAGA ELECTRONIC	2021
Vernier Calipers	MITUTOYO	530-101
Illumine Meter	TES	1330

WAC has the most advanced equipment to perform the project efficiently. Our state-of-the-art facilities are equipped with redundant instrumentation that enables timely delivery of results to clients. Below is our equipment list:



5.0. Relevant Experiences

S/No.:	Name of Project	Location	Name of Organisation
01	Support to Markets/Traders Associations in Northern Uganda to comply with COVID-19 Protocols under Prime Contract No. 72061719C00007	Gulu and Lamwo, Uganda	USAID/DAI
02	Consultancy for the design of two motorized piped water schemes in Kitgum Districts.	Northern Uganda	USAID/GPTech
03	Promoting urban plastic waste management and creating green jobs to youth and women.	Gulu Uganda	USADF
04	WaSH in schools to ensure hygiene and sanitation healthy behaviours are practice.	Northern Uganda	CAWST
05	Rehabilitation of non-functional and major damaged water wells.	Northern Uganda	Food for the Hungry Association
06	Promoting urban plastic waste management through PET reuse and recycling.	Gulu, Uganda	KFW and Federation of German Government
07	Mapping of groundwater resources using GIS.	Northern Uganda	Cranfield University - SAFAD
08	Capacity building of groundwater development practitioners with Hand-on experience using in-expensive geophysical survey equipment	Northern Uganda, and East Africa	Gulu University Faculty of Biosystem Engineering
09	Market Assessment for the Malongo sub-county, in Mayuge District, Uganda. 11 communities in the subcounty will be targeted by partner in the next year for piped water provision through Water4's Numa systems	Mayuge, Uganda	Water4 Organisation
10	Provision of hydrogeological surveys and testing of existing boreholes to compliment on the overall project of constructing infrastructures in connection with Biodiversity in Kidepo Valley National Park	Kidepo Valley National Park Kotido, Uganda	USAID/MBW Consultants
11	Providing services in connection with Water4's programmatic support of missional enterprises in sub-Saharan Africa. Collaborate with the Program team and Core Competency Management team to develop the sub-strategic direction and goals for Water4's Water Well Services competency area, including providing direct technical support, in-person and/or remote coaching, and in-person and/or remote training to Water4 enterprise partners.	Sub Saharan Region	Water4 Organisation



5.0. Relevant Experiences

S/No.:	Name of Project	Location	Name of Organisation
12	Supporting Graduates students with job placement (6 months programs)	Northern Uganda	Private Sector Foundation and Enable
13	Providing sub-strategic direction and overall planning for Water4's Geophysical Surveying competency development, including providing direct technical support and training to Water4 Enterprise Partners.	Sub Saharan Region	Water4 Organisation
14	External evaluation of water projects in Jinja and Iganga, Uganda implemented by Freedom Drillers Ltd Uganda as part of Water4 and FARMSTEW initiative to provide 50 communities with access to safe water. The evaluation included review of the construction, design, development and pump installation works as well as a review community and stakeholders engagement process.	Iganga and Jinja, Uganda	Water4 Organisation
15	Capacity building of local enterprise leaders in water supply, waste management and business development.	Northern Uganda	Senior Experts Services
16	Consultancy Services for a Feasibility Study, Physical Assessment of project sites and propose appropriate design for an Irrigation Scheme in Palabek Settlement.	Northern Uganda	CESVI Uganda



6.0. Referees:

S/No.	Name of Institution	Contact Person	Title	Email/Mobile
01	USAID/DAI	Wilbert Watango	Grants Manager - USAID FTF Uganda Inclusive Agricultural Markets Activity	Email: Wilbert.Watango@dai.com Mobile: +256 (0)772 681 112
02	Centre for Affordable Water and Sanitation Technology (CAWT)	Olivier Denis	Global WASH Advisor	Email: odenis@cawst.org
03	USAID/MBW Consultants	Mr. Dustin Bales	Procurement, compliance, and finance specialist	Email: Dustin.Bales@cardno.com Mobile: +1 703 373 7661
04	Water4 Organisation	Mr. Matt Hangen	CEO and President	Email: matt@water4.org Mobile: +1 334 328 6400
05	Gulu University Faculty of Biosystem Engineering	Dr. Nono Denis	A lecturer, and Head of Water department	Email: d.nono@gu.ac.ug Mobile: +256 775 831 102

