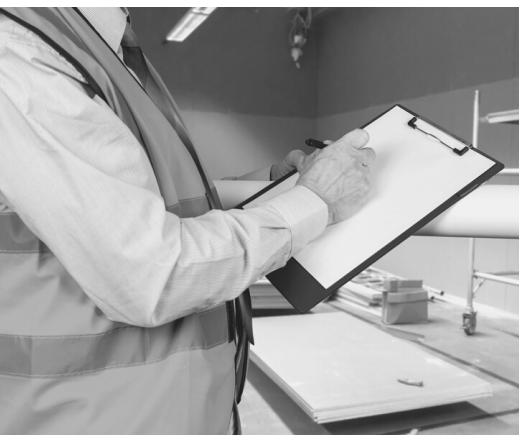
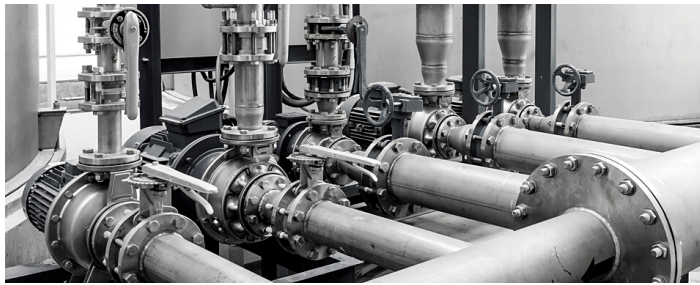
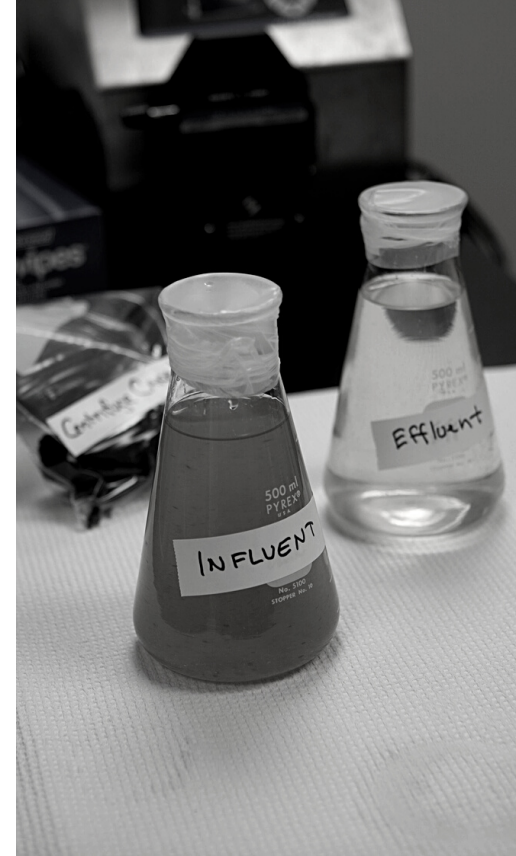




COMPANY PROFILE

TABLE OF CONTENTS

ABOUT US

WHO ARE WE?
VISION, MISSION, VALUES
CORPORATE STRUCTURE

SERVICES

DESIGN
CONSTRUCTION, ASSEMBLY AND INSTALLATION
ENVIRONMENTAL
OPERATION AND MAINTENANCE
WATER QUALITY MANAGEMENT
TRAINING

SAFETY, HEALTH, ENVIRONMENT AND QUALITY

SHEQ POLICY

SUSTAINABILITY

PEOPLE
SKILLS DEVELOPMENT

COMPLETED PROJECTS
ACCREDITATIONS

CONTACT US

ABOUT US

- WHO ARE WE?
- VISION
- MISSION
- VALUES
- CORPORATE STRUCTURE



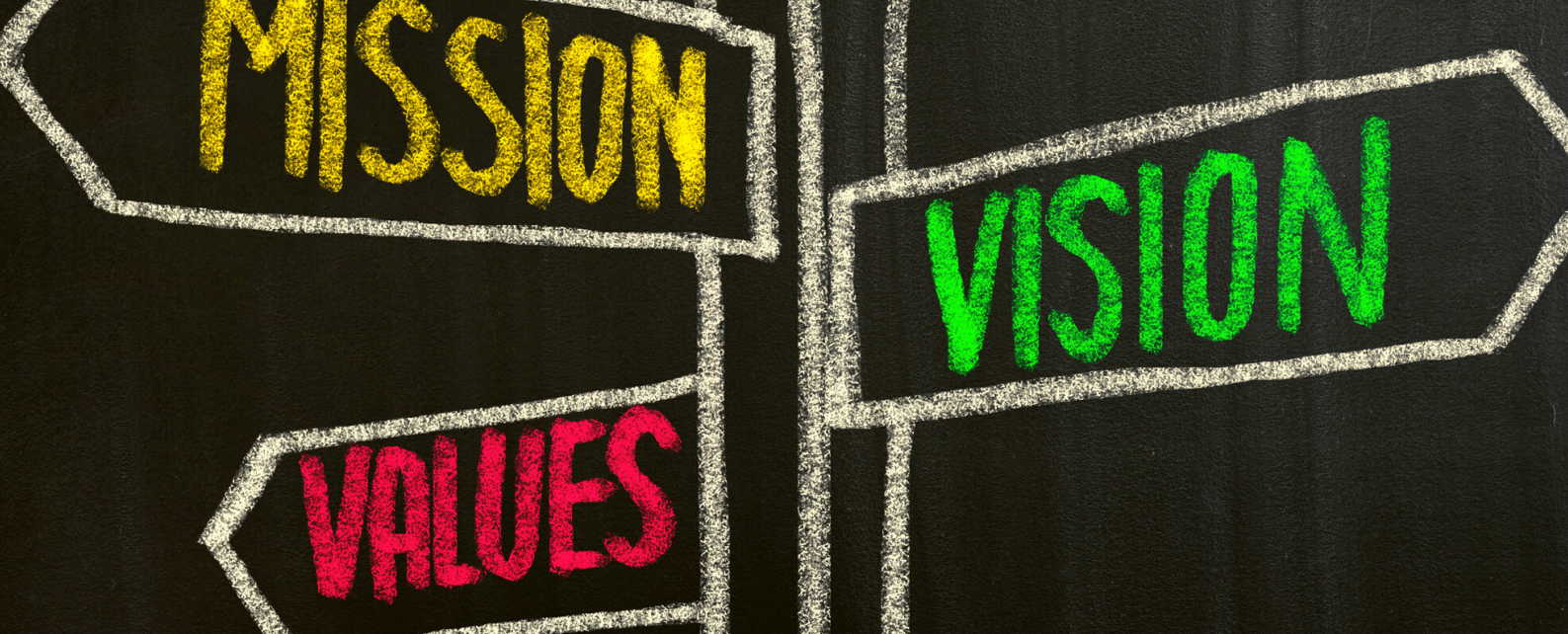
WHO ARE WE?

H2O Sanitation Services (Pty) Ltd. is a 100% black owned South African company focused in multidisciplinary engineering, construction, technology and investment services within the water and sanitation infrastructure development sector.

Our expertise and unique capabilities in solving the problems of stakeholders incorporate a unique offering of management, operation and maintenance services and innovative solutions that are practical, environmentally and economically sustainable. Our services are carried out by our professional team of skilled water engineers, scientists and resource economists with close to 100 years combined experience.

We are committed to changing the status quo; that is the lack of adequate service provision on water and sanitation infrastructure maintenance and investment.

We believe that the provision of quality water and sanitation to all communities is essential for human health and well-being and economic growth. Everyone has inherent dignity and the right to have their dignity respected and protected. Our aspiration is therefore to restore human dignity through solving the sanitation issue by offering our communities safe and proper water and sanitation facilities. The goal is to not leave anyone behind.



Our Vision

To become a world class service provider in infrastructure development and valued company that delivers optimum solutions and sustainable outcomes for our clients.



Our Mission

To constantly deliver quality professional services and solutions to our clients, motivated by vigour, modernism and creativeness through engineering, scientific approach and being guided our values for infrastructure development.



Our Values

CLIENT FOCUSED: We apply our energies towards developing the required insights so that we have a clear and shared understanding of the client's needs. Then we develop value adding solutions.

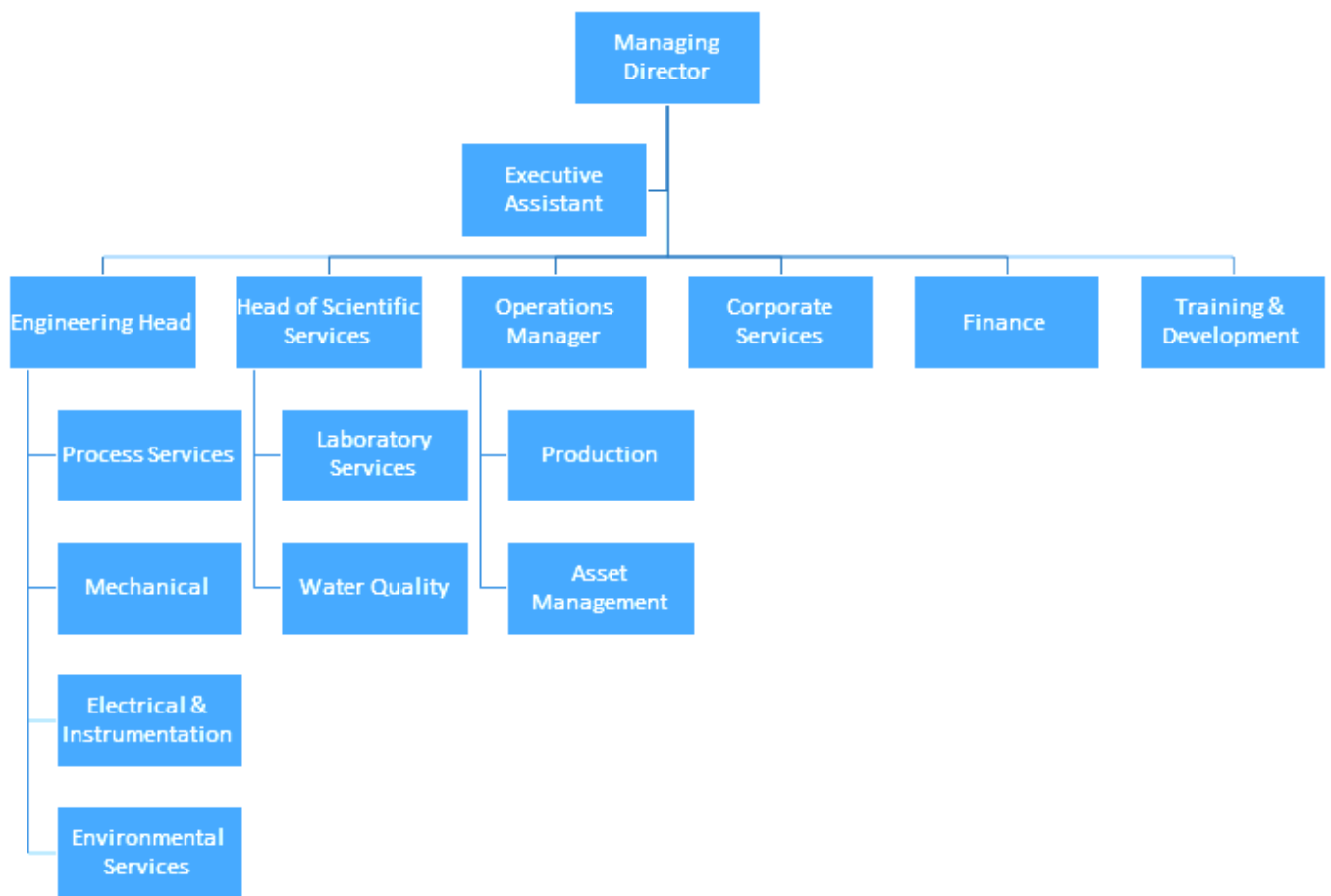
LEADERSHIP: We lead from the front, displaying our integrity and using facts to support our infrastructure projects. We create an environment for positive change built on collaboration and trust.

EXECUTION EXCELLENCE: We insist on excellence in all we do for clients and ourselves, striving always for recognition among the leaders in our industries.

SUSTAINABLE: We aspire individually and collectively to be more tomorrow than we are today.

RESULTS: We're all about results. We take pride in performing at our best and delivering outstanding innovative products and service for our clients. We believe results speak much louder than words.

CORPORATE STRUCTURE



The background of the slide is a dark, blue-tinted photograph of a CAT excavator. The excavator's arm and bucket are visible on the left, and the operator's cab is on the right. The CAT logo is clearly visible on the side of the excavator's arm.

OUR SERVICES

- DESIGN
- CONSTRUCTION, ASSEMBLY AND INSTALLATION
- ENVIRONMENTAL CONSULTING
- OPERATION AND MAINTENANCE
- WATER QUALITY MANAGEMENT
- TRAINING

DESIGN

Process Design

H2O Sanitation Services has a team of engineers responsible for designing and optimising DEWATS, Water and Wastewater Treatment plants, packaged plants and sanitation solutions - including sludge management systems. The process design team fully embraces resource efficiency, cleaner production and circular economy concepts which offer cost savings and recovery for the customers. We get involved in all design stages; from feasibility to handover.

The detailed tasks include:

- Whole Plant Design and Sizing
- Detailed Options Analysis
- Lifecycle Cost Analysis
- Conduct HAZOP studies
- Contribute Towards Environmental Impact Assessment studies
- Construction Monitoring
- Produce Operation and Maintenance Manuals
- Produce Standard Operating Procedures
- Process Simulation
- Commissioning

Mechanical, Electrical and Instrumentation

We have a dedicated team of professionals who focuses on the mechanical, electrical, controls and instrumentation services. The team is responsible for feasibility, design, development, installation, testing, commissioning and maintaining equipment. The equipment controls, monitors and logs data on the machinery, engineering systems and processes. We ensure the high safety and efficiency on the system and processes. The tasks include (but not is limited to) following:

Electrical Systems

- High Voltage and Medium Voltage Electrical System Designs
- Low Voltage System Designs :
 - 400V MCC
 - 230V Electrical Systems

Mechanical Systems

- Pump Stations (Raw Water, Potable Water and Wastewater)
- Dosing Systems
- Aeration Systems

Controls and Instrumentation

- Advanced Process Control
- Distribution Control systems (DCS)
- Programmable Logic Controller (PLC)
- Supervisory Control and Data Acquisition (SCADA)





CONSTRUCTION, ASSEMBLY AND INSTALLATION

H2O Sanitation Services has a construction and installation team, capable of installing ready-made technologies and constructions water and wastewater treatment plants as designed by our design team. We construct projects in the water and sanitation sector as per the list below:

- Water and Wastewater Treatment Works
- Packaged Plants
- Dams
- Bulk Pipelines
- Pump Stations
- Water Retaining Structures
- Distribution Networks



ENVIRONMENTAL

We offer a wide range of environmental consulting services and consulting compliance audits to be done for submission to regulatory authorities. We can assist with the following audits and licenses:

- Water Use License Audit
- Environmental Authorisation Audit
- Water Use Licenses (National Water Act)
- Environmental Authorisation (EIAs)
- Waste management Licenses (NEM: WA)

OPERATIONS AND MAINTAINANCE

Our Operation and Maintenance (O&M) management involves both water and wastewater systems. O&M contracts usually have duration of between three to five years, but can be extended if required. During the period of the contract, H2O Sanitation Services assumes responsibility for Management, Operation and Maintenance of the infrastructure from abstraction at the raw water source through to the treatment works, bulk storage, storm water drainages, distribution networks and collection systems. The Operation & Maintenance services include:

- **Operations Management**
- **Asset Management & Expansion**
- **Maintenance and Repairs**



WATER QUALITY MANAGEMENT

We offer full water quality management solutions that enable our customers to meet the Department of Water and Sanitation's Green and Blue Drop systems' quality requirements. Our laboratory team offers services of sampling, analysis, as well as advanced scientific support for monitoring evaluation campaigns or data science and recommendations. The monitoring system includes (but not is limited to) the following:

- Advanced Process Control (APC)
- Distribution Control System (DCS)
- Programmable Logic Controller (PLC)
- Supervisory Control and Data Acquisition (SCADA)



TRAINING

We offer training in all stages of the water and sanitation management cycle. These include WASH, Menstrual Hygiene Management and Operator Training for on-site and water-borne solutions.

Water, Sanitation and Hygiene (WASH)

This strategic approach is known as Water, Sanitation and Hygiene Education (WASH). This program ensures that users are not only provided with safe & dignified sanitation facilities, but also with sanitation education that encourages the development of healthy behaviours for life. By providing WASH, H2O Sanitation Services seeks to not only promote hygiene, but also support national and local interventions to establish equitable, sustainable access to basic sanitation services in communities.

Menstrual Hygiene Management (MHM)

Poor menstrual hygiene management (MHM) education not only leads to the likelihood of technological faults like pipe blockages in sanitation facilities, but it is also the reason behind many social issues in school communities.

Operator Training

We offer short training courses for process controllers in line with the Department of Water and Sanitation Classification system. We also offer CPD points refresher training for professionals in the field and mentoring of engineers and technicians.



The background of the page is a dark blue, semi-transparent overlay on a photograph of a person wearing a white lab coat and gloves, holding a pen and writing on a clipboard. The person's face is partially visible in the upper right corner.

SAFETY, HEALTH, ENVIRONMENT AND QUALITY

• SHEQ POLICY

SHEQ POLICY

H2O Sanitation Services understands the responsibility it has towards a safe, healthy, and environmentally compliant working environment. While productivity is important, this cannot be achieved if the health and safety of the employees, customers and stakeholder are compromised. Equally, environmental compliance is at the heart of the company's objectives. Even more so with the company focusing on water, wastewater, and waste management. We have committed a health and safety, and environmental management system in place. This is built on a number of quality management objectives as adopted and enforced by the company's management. It further prioritizes continuous improvement similar to ISO 14001:2015. Under the management system we commit to:

- Provide and maintain a safe working environment by eliminating and minimizing hazards and potential hazard to the safety and health of employees.
- We provide adequate control of the health and safety risk that may arise from our work.
- Conserve natural resources through resource efficiency, reusing of materials and overall waste reduction strategies.
- Reduce the use of water and energy through water reclamation and renewable energy generation.
- Preserve the working environment environmental rehabilitation.
- Manage waste materials in line with National Waste Management Acts and in line with best practices for the sector.
- Conduct Environmental Audits to ensure compliance and continuous improvement.
- Ensure the Environmental Policy is communicated to all staff, professional service providers and contractors conducting work with the company.

SUSTAINABILITY

- PEOPLE
- SKILLS DEVELOPMENT



PEOPLE

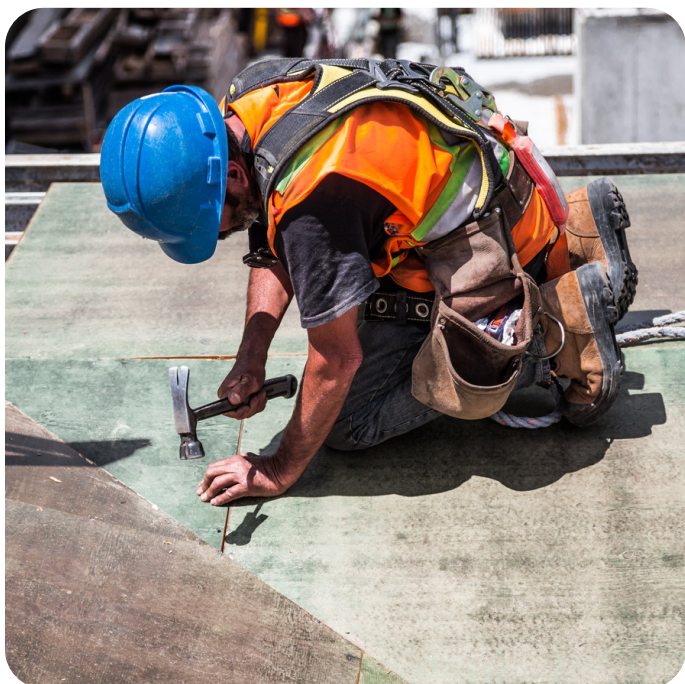
H2O Sanitation Services creates a culture of investing in people which provides the framework for personal growth and development of our employees and colleagues and clients. Simultaneously, our people are given the tools to take responsibility and ownership.

We focus on ensuring employee well-being, training, induction, recognition, reward and leadership development. This is to foster a culture based on superior performance which will enable all of us to realise our full potential.



SKILLS DEVELOPMENT

We strongly believe that delivering long-term sustainability and the success of our operations is dependent on attracting, developing, and retaining a capable and motivated workforce. We prioritise investing in employee development as an important retention strategy, but also, because it is essential to continually improve the knowledge, skills and experience of our employees in order to achieve our company's strategic goals.



COMPLETED PROJECTS

NAME OF PROJECT	CLIENT	YEAR COMPLETED
THE INSTALLATION OF HIGH GRAVITY SEWER PIPES AT ROYAL NATURE RESERVE	KZN EZEMVELO WILDLIFE	2023
THE REHABILITATION OF WATER AND WASTEWATER TREATMENT PLANT AT DIDIMA RESORT.	KZN EZEMVELO WILDLIFE	2023
CONSTRUCTION OF ABLUTION BLOCKS USING ALTERNATIVE BUILDING TECHNOLOGY AT AMAHLUBI PRIMARY SCHOOL.	INDEPENDENT DEVELOPMENT TRUST	2022
CONSTRUCTION OF ABLUTION BLOCKS USING ALTERNATIVE BUILDING TECHNOLOGY AT EPHANGWENI PRIMARY SCHOOL.	INDEPENDENT DEVELOPMENT TRUST	2022
CONSTRUCTION OF ABLUTION BLOCKS USING ALTERNATIVE BUILDING TECHNOLOGY AT FUNDUKHUPHUKE PRIMARY SCHOOL.	INDEPENDENT DEVELOPMENT TRUST	2022
CONSTRUCTION OF ABLUTION BLOCKS USING ALTERNATIVE BUILDING TECHNOLOGY AT PHUMELANI PRIMARY SCHOOL.	INDEPENDENT DEVELOPMENT TRUST	2022

COMPLETED PROJECTS

NAME OF PROJECT	CLIENT	YEAR COMPLETED
CONSTRUCTION OF ABLUTION BLOCKS USING ALTERNATIVE BUILDING TECHNOLOGY AT MANKULUMANE PRIMARY SCHOOL.	INDEPENDENT DEVELOPMENT TRUST	2022
CONSTRUCTION OF ABLUTION BLOCKS USING ALTERNATIVE BUILDING TECHNOLOGY AT MPUCUKWENI PRIMARY SCHOOL.	INDEPENDENT DEVELOPMENT TRUST	2022
OFFICE REFURBISHMENT AT XET JOHANNESBURG OFFICES	XET GROUP	2021
OFFICE REFURBISHMENT AT XET DURBAN OFFICES	XET GROUP	2021
REFURBISHMENT OF SCHOOL TOILETS + SUPPLY AND INSTALLATION OF SANIUBE + BUILDING OF OFF-GRID WASTEWATER TREATMENT PLANT AT INTAPHUKA PRIMARY SCHOOL	XET GROUP	2021

ACCREDITATIONS

B-BBEE

In South Africa, H2O Sanitation Services (Pty) Ltd, is a level one contributor. H2O Sanitation Services is motivated by the potential to be harnessed through diversity and incorporating empowerment into its business culture. It supports the B-BBEE Act and the Codes of Good Practice for B-BBEE

CIDB

H2O Sanitation Services (Pty) Ltd has a Grades 5CE, 4GB, 1ME, 1EP ratings from the South African Construction Industry Development Board (CIDB)

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