





**SMART THINKING = DECISIVE ACTION**



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# TABLE OF CONTENTS



COMPANY OVERVIEW



CODE OF CONDUCT AND ETHICS



BROAD-BASED BLACK ECONOMIC EMPOWERMENT



OUR HISTORY



OUR LOGO



THUSANANG GAST



OWNERSHIP AND MANAGEMENT



RESPONSIBILITY



SUSTAINABILITY



QUALITY OF WORK



ENTERPRISE DEVELOPMENT



CORPORATE SOCIAL INVESTMENT



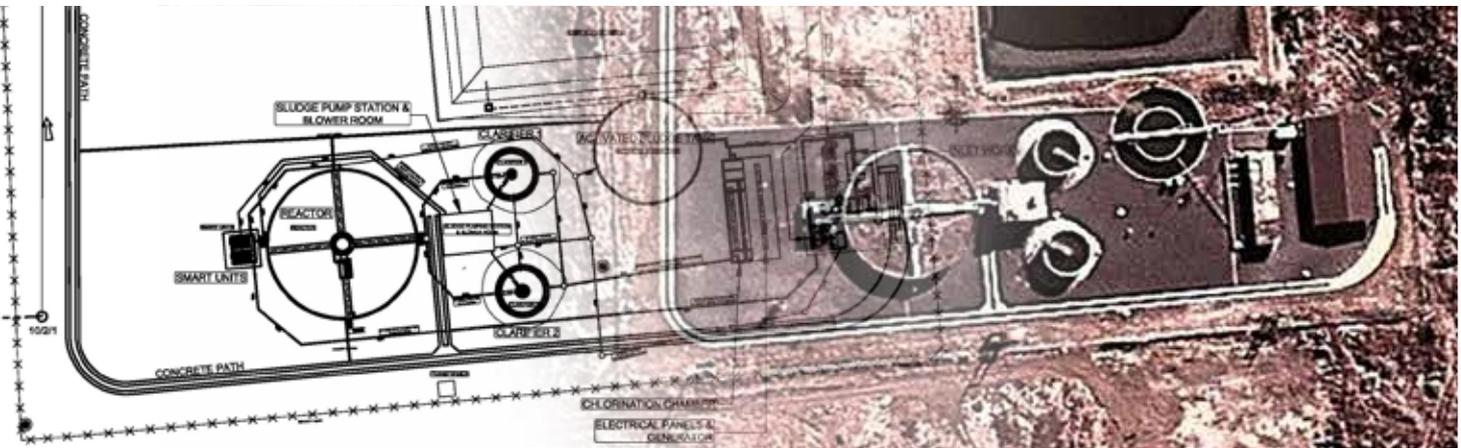
PROJECT PROFILE





## COMPANY OVERVIEW

Moedi wa Batho Consulting Engineers & Project Managers (Pty) Ltd, MwB, is a multidisciplinary engineering consultancy firm offering a client specific engineering and management service to the public and private sectors.



**“Our rapid growth over the past four years is attributable to our ability to visualise the broader picture and devise a suitable, all-inclusive solution”**

### VISION

MwB will be the preferred service provider for Specialist Consulting and Project Management through innovation in infrastructure solutions to both public and private sectors.

### MISSION

To satisfy our clients' needs through adaptable and innovative engineering solutions.

At MwB we are committed to continual improvement in our performance.

Product and Service quality is integral to the way we do business, as our philosophy is to provide professional engineering services that satisfy a client's requirements with regard to serviceability, quality, costs, duration and management through our business values:

- Integrity
- Honesty
- Reliability
- Respect
- and Transparency in our dealings with stakeholders and clients.

Our team of talented experts plan, design, cost and develop implementation processes, supervise construction, manage existing infrastructure growth, and identify key intervention processes to ensure successful outcomes on all projects we touch.

The company is in the position to venture into conventional and turnkey projects.

An inherent understanding of the complexities, dynamics and diversity of the South African landscape and its people, coupled with our engineering expertise, lies behind the success of our growth from a single business entity to the progressive MwB of today.

MwB was founded in 2011 and has its head office in Rustenburg, with branches in Centurion, Nelspruit and Cape Town.

We are registered with the Consulting Engineers South Africa (CESA) and the Water Institute of South Africa (WISA).

We operate throughout South Africa and our area of expertise lies in the bridging of sustainable benefits with desirable development outcomes.

Our professional service ensures the sustainability of a project while maintaining the integrity of the environment.

MwB goes the extra mile to provide more than conventional engineering services.

## CODE OF CONDUCT AND ETHICS

Our philosophy is to provide professional engineering services that satisfy a client's requirements with regard to serviceability, quality, costs, duration and management. We uphold the ethical principles contained in the CESA Code of Conduct.

## BROAD-BASED BLACK ECONOMIC EMPOWERMENT

MwB is committed to implementing government's policy to advance transformation and enhance the economic participation of black people in the South African economy.

We are verified as a Level 1 Contributor to Broad-based Black Economic Empowerment (B-BBEE), and qualified B-BBEE professionals constitute 75% of our company.

We embrace this diversity as one of our greatest strengths, enabling us to apply innovative solutions to South Africa's unique requirements.

## OUR LOGO

The white swirls on the blue background of MwB's logo are a powerful symbol of man's ability to break through barriers to achieve success.



The word "moedi" is a Sesotho word for boundary or border.

In Northern Sotho "moedi" means watercourse or valley.

The word "batho" means people, and wa stands for you.

Moedi "wa" Batho can thus be loosely translated as "water boundary (watercourse) of the people".

The wavy swirl at the bottom of the logo represents water, one of life's most powerful and essential elements.

The spiralling curves that emanate and rise from the swirling water represent the ability of the people, using the strength of the water, to elevate themselves and break through the boundaries of poor socio-economic conditions.

The outstretched arms that complete the logo symbolise joyful success.



Hartbeesfontein Sewage Treatment Plant - Anaerobic Reactor

## OUR HISTORY

- **2011**  
 MwB founded by Ambroses Sekotlo
- **2012**  
 Quality work and satisfied clients contributed towards rapid growth. Expansion was forged through associations with specialist companies to share in the success of the new market player
- **2015**  
 Appointed as the official design division for Thusanang Gast (Pty) Ltd, a company established in 1984 to render services in municipal and related markets



## OWNERSHIP AND MANAGEMENT

We employ competent professionals and business leaders who participate in management decisions and who are accountable for risk management. Our exceptional service delivery over the years has earned us professional credibility, which is enhanced by our employees' affiliations with professional associations.

Our leadership team is ably assisted by a talented pool of professional engineers that are supported by technologists, surveyors, technicians, draftsmen, trainee engineers and administrative personnel.

We encourage our staff to further their qualifications and support continuing professional and personal development so they grow to their fullest potential.

There is a formal traineeship programme in place for young, emerging engineers and approximately six interns benefit from this programme annually.

MwB appoints some of these students on a permanent basis on their successful completion of the programme.

We aim to provide workplace experience for soon-to-graduate or newly graduated engineers, technologists and technicians.

Transferring our skills and knowledge will ensure our engineering expertise is retained within our own organisation and the industry as a whole.

Swartruggens Sewage Treatment Plant Clarifier



Botlegong sewage treatment plant - Anaerobic Reactor

### AMBROSES SEKOTLO:

Ambroses Sekotlo is a dynamic managing director with extensive experience serving on various boards of directors. He has held various top level executive positions in government.

Ambroses is a proven strategic thinker, and is recognised for his ability to identify, develop and implement profitable opportunities and solutions. His outstanding leadership qualities and people management skills are evident in his dependability and reliability in supporting and enabling team efforts to produce genuine long-term sustainable development.

### MARX JORDAAN:

Marx Jordaan is a respected professional engineer who has over 30 years' experience in the water sector. He has in-depth industry knowledge in the design and project management of water and sewage treatment plants, bulk water distribution systems, water and sewage reticulation systems and pumping systems.

Marx has the ability to take projects from inception to commissioning and is recognised for meeting high performance standards that deliver projects that yield long-term benefits. He has extensive experience in dealing with high-level clients and negotiating multi-million rand projects at local and international levels.

A goal-driven leader, Marx maintains a productive climate and keeps abreast of the latest industry developments and technologies, ensuring the optimisation of engineering solutions.

### GEETESH DAYA:

Geetesh Daya a highly motivated executive with an impressive track record of more than 15 years' experience in strategic planning in the civil engineering field. He has the ability to integrate consulting engineering models through the development of innovative cost-effective solutions for enhancing competitiveness, increasing revenues, and improving client service offerings.

Geetesh has proven working experience in the power line industry, national flagship programmes and establishing project management units. He headed the North-South Cooperation between Lahti, Finland and Bojanala Platinum District Municipality and has been involved in developing and implementing infrastructure development plans. Geetesh is respected for his astute business acumen, resource management capabilities and organisational /operational skills.

A skilled influencer and negotiator, he is recognised for making significant contributions to business growth.



## RESPONSIBILITY

MwB is committed to improving the quality of life for all South Africans by promoting environmentally friendly engineering excellence. We support the principles of good corporate governance as recommended in the King III Report (2009), which places company sustainability and risk management alongside profit. Our focus is on safety, health, environmental standards, risk management and quality of work at all times.

## SUSTAINABILITY

MwB uses appropriate resources and sustainable engineering processes to enhance the efficiency of engineering processes.

We adopt a holistic environmental stewardship in our engineering activities.

## QUALITY OF WORK

Quality control and management are critical components in providing a professional service. We employ the best staff and equipment, and monitor the quality of our work continuously. We base our Quality Management System on the ISO 9001 standards which cover the methodology and checking of designs, drawings, documentation, report standards and costing systems.

Being a registered member of CESA is advantageous for our clients as it assures them we adhere to an ethical code and will render a professional service of the highest quality.

## ENTERPRISE DEVELOPMENT

MwB is actively involved in contributing towards the overall economic benefit of the country and its citizens by freely providing mentorship and training to aspiring entrepreneurs. The training encompasses advice and guidance on business plans, project development and management, operational management, procurement strategies and financial administration.

## CORPORATE SOCIAL INVESTMENT

MwB contributes in a variety of ways towards improving the quality of life of the people in the communities in which it operates.

Corporate social investment initiatives include donations, sponsorships, and material supplies or financial assistance towards the maintenance of community infrastructures like schools and community centres.

## OUR SERVICES

### Water and waste-water

- Treatment plants
- Reservoirs
- Elevated water towers
- Pump stations
- Reticulation networks
- Rural water-supply construction management

### Roads and Transportation

### Project and Programme management

### Geo-Environmental Engineering

- Environmental management
- Geohydrological services
- Geological exploration services

### Master Planning and Feasibility studies

### Structural Engineering

- Commercial and industrial buildings
- Schools and recreational facilities
- Housing and building quality control

### Municipal financial management and institution development

- Social facilitation
- Municipal support and turn around strategies
- Support to Back to Basics Programme (B2B)

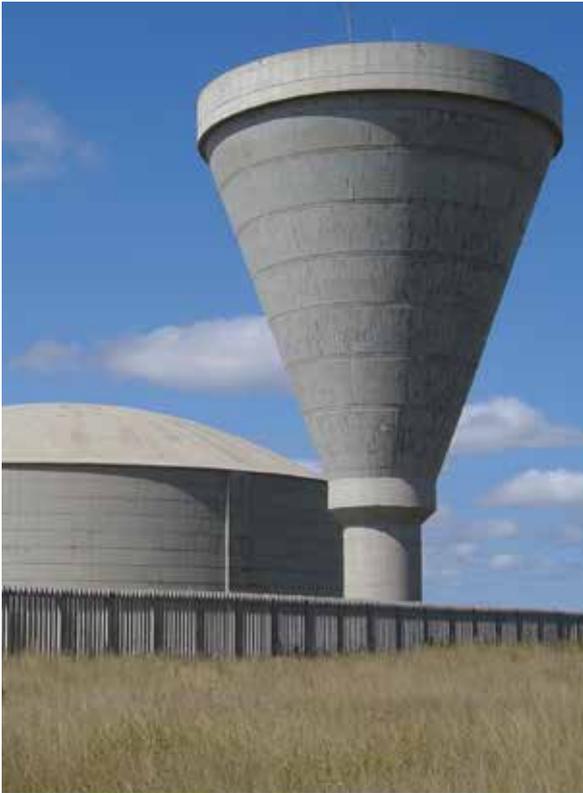


Pilanesberg South Phase 1b - Bulk Water Supply





## PROJECT PROFILE



### 1 BULK WATER SUPPLY

#### Pilanesberg South Water Supply Scheme:

Phase 1A and B Installation of a 43 km, 1016 mm welded steel pipeline from Evergreen to Mafanya.

Phase 1C installation of a 8,2 km, 600 mm GRP pipeline from the Mafanya reservoir to supply the Maseve and Bakubung mines.

Madibeng upgrading of the raw water supply line.

Royal Bafokeng Administration, Rasimone bulk supply line.

Delmas Bulk water supply to the WTP.

### 2 RESERVOIRS

|                  |                    |
|------------------|--------------------|
| Mafanya          | <b>50 Mℓ</b>       |
| Phatsima         | <b>3,5 Mℓ</b>      |
| Rustenburg       | <b>2 of 7,5 Mℓ</b> |
| Kanana           | <b>4 Mℓ</b>        |
| Jouberton Ground | <b>26 Mℓ</b>       |
| Stokkiesdraai    | <b>0.5 Mℓ</b>      |
| Swartruggens     | <b>1.0 Mℓ</b>      |

### 3 ELEVATED WATER TOWERS

|           |                    |
|-----------|--------------------|
| Kanana    | <b>0.5 to 1 Mℓ</b> |
| Jouberton | <b>2 Mℓ</b>        |
| Letsopa   | <b>1 Mℓ</b>        |
| Boschdal  | <b>2 Mℓ</b>        |

### 4 WATER TREATMENT PLANTS

|                  |                 |
|------------------|-----------------|
| Groot Marico     | <b>3.5 Mℓ/d</b> |
| Swartruggens     | <b>3 Mℓ/d</b>   |
| Schweizer-Reneke | <b>6 Mℓ/d</b>   |
| Delmas           | <b>15 Mℓ/d</b>  |

## PROJECT PROFILE



5

### WATER RETICULATION NETWORKS

- Designed and managed the construction of more than 300 km of water reticulation pipes in the past five years.
- Conducted feasibility studies for the Pilanesberg South Scheme, a project valued to be around R2 billion (2015).
- Conducted Phase 1 and Phase 2 feasibility studies for the Ngaka Modiri Molema District Municipality on their bulk water demand.

6

### PUMPING STATIONS

|                |                |
|----------------|----------------|
| Phatsima water | <b>36 l/s</b>  |
| Koster water   | <b>70 l/s</b>  |
| Jouberton      | <b>290 l/s</b> |
| Kanana         | <b>120 l/s</b> |
| Phokeng water  | <b>104 l/s</b> |

#### Various other smaller pumping stations

7

### SEWAGE TREATMENT PLANTS

|                                  |                 |
|----------------------------------|-----------------|
| Klerksdorp                       | <b>26 Ml/d</b>  |
| Kanana (BNR)                     | <b>14 Ml/d</b>  |
| Rustenburg                       | <b>6 Ml/d</b>   |
| Ottosdal                         | <b>2,5 Ml/d</b> |
| Sannieshof                       | <b>1,0 Ml/d</b> |
| Swartruggens                     | <b>1,0 Ml/d</b> |
| Hartbeesfontein (BNR)            | <b>4,0 Ml/d</b> |
| Delmas (HYBACS)                  | <b>7 Ml/d</b>   |
| Hartbeesfontein (HYBACS)         | <b>8 Ml/d</b>   |
| Swartruggens (HYBACS)            | <b>2 Ml/d</b>   |
| Several oxidation lagoon systems |                 |



## PROJECT PROFILE

### SEWER RETICULATION NETWORKS

Designed and managed the construction of more than 1200 km of sewer reticulation pipes in the past five years.

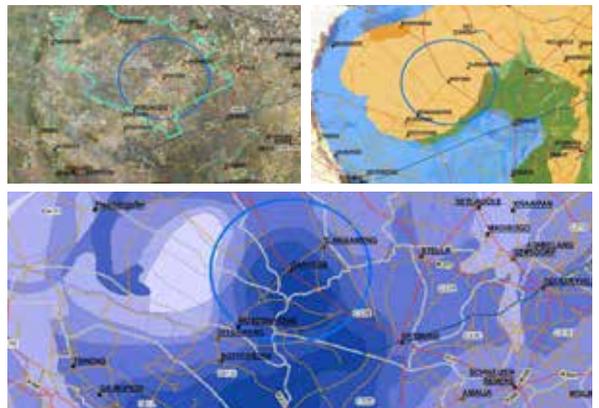
8



### FEASIBILITY STUDIES AND MASTER PLANNING

Royal Bafokeng Administration - Dynamic Modelling of Bulk Water Supply System  
Bulk Water Feasibility Study for the Ngaka Modiri Molema District Municipality  
High Level Study for the Pilanesberg South Bulk Water Scheme  
Chief Albert Roads and Stormwater Masterplan  
Feasibility Study Bulk Infrastructure Volksrust  
Kagisano - Molopo Bulk Water Feasibility Study

9



### ROADS AND STORMWATER

Instrumental in the design and site supervision of roads and storm water systems in the past five years. Projects included master plans and projects in Klerksdorp, Stilfontein, Wolmaransstad, Koster, Bloemhof.

10



### HOUSING/LOW COST DEVELOPMENTS

Involved in the development of more than 33 000 low-cost houses. Foundation design, project management and quality control have been exercised on more than 40 projects.

11





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## **BRANCHES**

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