

CURRICULUM VITAE

Name:	Sikhumbuzo Emmanuel Mahlangu
Nationality:	South African
Date of Birth:	11 October 1985
Profession:	Environmental Scientist
Professional Qualification/ Training:	BSc Masters Zoology (Aquatic Health); University of Johannesburg, 2014.
	Environmental Management Systems (Based on ISO 14001: 2015 standard), North-West University, 2023.
	Environmental Law, North-West University, 2023.
	Aquifer Hydraulics and Groundwater Monitoring Certificate Course; North-West University, 2014.
	Tools for Wetland Assessments; Rhodes University; 2013.
Professional Membership/ Registrations:	Registered Professional Natural Scientist (SACNASP- #400429/13). Registered Environmental Assessment Practitioner (EAPASA- #2022/4554)
Current Employer:	Environmental Impact Management Services (Pty) Ltd.

KEY EXPERIENCE

Sikhumbuzo holds a BSc. Master's degree in Zoology (Aquatic Health) from the University of Johannesburg. He is an aquatic and research scientist with over 2 years' experience, and over 13 years' experience as an environmental scientist. He has completed certificate courses in Environmental Management Systems (ISO 14001: 2015) and Environmental Law with the North-West University. He has also completed an advanced course on Tools for Wetland Assessments as well as Aquifer Hydraulics and Groundwater Monitoring. His expertise lies mainly in environmental impact assessments, environmental management, auditing, monitoring, surface and ground water quality assessments, biomonitoring, wetland assessments, reporting and project management.

Sikhumbuzo has played a vital role in providing advice on general environmental management issues on site to construction projects such as Transnet New Multi Product Pipeline (NMPP), Mokolo Crocodile Water Augmentation Project Phase 1 (MCWAP1), Enel Green Power Karusa and Soetwater Wind Farms and Eskom Kusile Power Station Project among others. He has also been involved on numerous projects in the energy, mining and infrastructure development sectors as well as management and preparation of documentation required for Integrated Water Use Licence Applications (IWULA). He has also played a role in assisting and advising various contractors and developers on the practical implementation of Water Use Licences, Environmental Management Plans, conditions of Environmental Authorisations and the South African Environmental Legislation in general.



CAREER SUMMARY

Period: October 2010 – Present	Organisation: EIMS	Position: Environmental Assessment Practitioner
Key Projects/Assignments	<p>Project Manager and Environmental Assessment Practitioner for the following:</p> <ul style="list-style-type: none"> • Environmental Assessment Practitioner for Manungu Colliery New Processing Facility EIA and WULA. • Environmental Assessment Practitioner for Mooiplaats Colliery Extension EIA. • Environmental Assessment Practitioner for Mooiplaats Section 102 Application. • Environmental Assessment Practitioner for Black Mountain Mining – Koa South Prospecting Right Application. • Project Manager for Enel Green Power Karusa Wind Energy Facility Project (Construction of 35 wind turbines and associated infrastructure). • Project Manager for Enel Green Power Soetwater Wind Energy Facility Project (Construction of 35 wind turbines and associated infrastructure). • Project Manager for TCTA Mokolo Crocodile Water Augmentation Project (MCWAP) (~42km of water pipeline construction and related facilities). • Project Manager and Environmental Monitoring Officer undertaking monthly dust fallout monitoring and reporting for Eskom Group Capital Division (GCD) at Medupi Power Station. • Project Manager and Environmental Monitoring Officer undertaking monthly dust fallout monitoring and reporting for Eskom Group Capital Division (GCD) at Kriel Power Station. • Project Manager and Environmental Assessment Practitioner for Sterkfontein Poultry Extension and Expansion Basic assessment Project. • Project Manager and Environmental Assessment Practitioner for Sterkfontein Section 24G: Unlawful Construction of A Facility For The Concentration Of Poutry – STERKFontein 173 IQ • Senior consultant for the Sasol Secunda Plant Air Quality Education and Awareness Project as part of the offset programme required by the plants Air Emissions License. • Senior consultant for the Sasol Secunda Plant AEL bi-annual Public Participation sessions as required by the plants Air Emissions License. <p>Environmental Control Officer for the following:</p>	



- Environmental Control Officer for Seriti on the New Largo Pit F establishment Project.
- Environmental Control Officer for Transnet New Multi Product Pipeline (NMPP) Project (~750km of pipeline construction and related facilities).
- Environmental Control Officer for Eskom Group Capital Division (GCD) at Kusile Power Station.
- Environmental Control Officer for Eskom Group Capital Division (GCD) at Grootvlei Power Station (Retrofitting of Electrostatic precipitators with Fabric Filter Plant).
- Environmental Control Officer for TCTA Mokolo Crocodile Water Augmentation Project (MCWAP) (~42km of water pipeline construction and related facilities).
- Environmental Control Officer for Eskom (Klevebank-Dalkeith Distribution Power-line).
- Environmental Control Officer for Upgrade of Road DR3112 between Douglas and Hopetown in the Northern Cape.
- Environmental Control Officer and Auditor for Sterkfontein Poultry Farm – Sterkfontein 173 IQ.

Environmental Officer for the following:

- Environmental Officer for Roshcon (Duvha-Leseding 400kV Transmission Power-line).

Environmental Auditor for the following:

- Internal EMS audit in terms of ISO14001 (2015) for FFS Refiners Evander Branch, Mpumalanga Province.
- Internal EMS audit in terms of ISO14001 (2015) for FFS Refiners Teakwood Branch, KwaZulu Natal.
- Internal EMS audit in terms of ISO14001 (2015) for FFS Refiners Chloorkop Branch, Gauteng Province.
- Internal EMS audit in terms of ISO14001 (2015) for Harmony Target Plant, Free State Province.
- Internal EMS audit in terms of ISO14001 (2015) for Harmony Target Shaft, Free State Province.
- Internal EMS audit in terms of ISO14001 (2015) for Harmony One Plant, Free State Province.
- Internal EMS audit in terms of ISO14001 (2015) for Harmony Saaiplaas Plant, Free State Province.
- Internal EMS audit in terms of ISO14001 (2015) for Harmony Joel Mine, Free State Province.



	<ul style="list-style-type: none">• Biennial Polychlorinated Biphenyl (PCB) Phase-out Plan Audit for the Generation, Transmission and Distribution Divisions across four provinces for Eskom SOC Limited (May 2018 – July 2018).• Integrated Water Use License Audits for United Manganese of the Kalahari Mine near Kathu, Northern Cape.• Independent environmental auditors for Eskom Generation for the Eskom Medupi Power Station construction and facilities near Lephalale, Limpopo Province• Integrated Water Use License Audit for Sasol Mining Block 3, Secunda. Audit included the following Sasol Mines and operational areas<ul style="list-style-type: none">○ Bosjesspruit Mining Operations○ Brandspruit Mining Operations○ Middelbult Mining Operations○ Twistdraai Mining Operations○ Twistdraai Export Plant○ Engineering Support Services○ Sasol Coal Supply
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LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
IsiZulu	Excellent	Excellent	Excellent

DECLARATION

I confirm that the above information contained in the CV is an accurate description of my experience and qualifications and that, at the time of signature.

20 August 2024

Signature of Staff Member

Date