

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2022/6136

Herewith certifies that
ZINZI PORTIA XAKAYI
is registered as an
Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 March 2025

Expires: 31 March 2026

Chairperson

Registrar





herewith certifies that

Zinzi Portia Xakayi

Registration Number: 155265

is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)

in the following field(s) of practice (Schedule 1 of the Act)

Environmental Science (Candidate Natural Scientist)

Effective **18 January 2024**

Expires **31 March 2025**



A handwritten signature in black ink, appearing to read 'S. Neph'.

Chairperson

A handwritten signature in black ink, appearing to read 'N. Maseko'.

Chief Executive Officer



Name	:	Zinzi Portia Xakayi
Profession	:	Environmental Consultant
Date of Birth	:	11 September 1997
Parent Firm	:	Zutari (Pty) Ltd
Position in Firm	:	Environmental Consultant
Years with firm	:	2
Nationality	:	South African
BI & Male/Female Status	:	Black, Female
Education	:	BSc (Hons) Geography and Environmental Science; BSc Geography
Professional Accreditation	:	Golden Key International Honour Society (GKIHS); Geo-Information Society of South Africa (GISSA); International Association for Impact Assessment (IAIASa)
Languages	:	English, isiZulu, isiXhosa, Sesotho
Countries of Work Experience	:	South Africa
Current Position on Team	:	Environmental Consultant

KEY QUALIFICATIONS

Zinzi is an environmental consultant at Zutari. She has experience in the compilation of environmental impact assessment reports (EIAs), basic assessment reports (BARs) and environmental screening reports for the erection of Telecommunication Masts. She has also assisted in undertaking public participation processes prior to the erection of telecommunication masts.

She has previous working experience in geo-informatics and geographic information systems (GIS). She has two years of experience working with GIS, which she has gained whilst working on projects for the private sector. Zinzi has specialised in spatial analysis, data processing and mapping while her technical responsibilities include inter alia the evaluation of data, digitising, editing and converting spatial data and non-spatial data from various formats and manipulating data in Esri ArcMap, GeoMedia and QGIS.

RELEVANT EXPERIENCE

- ***New Pacaltsdorp Reservoir, Tower and Pump Station***

03/2022 to 06/2024: GIS Consultant

Responsible for:

- Producing maps.

To address the inadequate security of potable water supply in Pacaltsdorp (West), George Municipality required the construction of a new reservoir and pumpstation. The scope of works entails the management and design for the new 2.5 Ml reinforced concrete reservoir, tower, pump station and interconnecting pipework as well as the design of a new supply main should the existing 315mm Ø supply main be found inadequate. This also includes the management of the documentation and procurement of contractor/s for the civil, mechanical and electrical works, contract administration and site supervision.

- ***Environmental Impact Assessment (EIA) and Water Use Licence Application (WULA) for the Proposed Bierspruit Opencast Development at the Amandelbult Mine Complex***

03/2019 to 06/2024: Environmental Consultant

Responsible for:

- Assisting with coordinating the public participation process and stakeholder engagement.

To conduct an environmental impact assessment and water use licence application for the proposed Bierspruit Opencast development at the Amandelbult mine complex near Thabazimbi in the Limpopo Province.

- **Waste Management Support**

03/2019 to 06/2024: Environmental Compliance Officer

Responsible for:

- Conducting an environmental assessment and environmental management programme (EMPr) audit for the Mogalakwena Fuel Depot.

To assess the waste management practices at Mogalakwena Mine to make recommendations for improvement. This included developing a Waste Management Plan (WMP); conducting site assessments for both internal and external waste facilities including contractors; developing a waste inventory as well as developing and conducting training for four levels within the operations for Mogalakwena Complex (MC)

- **Water Feasibility Study for a Combined Treatment Plant at Arnot Coal Mine Closed Colliery**

01/2020 to 10/2022: Environmental Consultant

Responsible for:

- Compilation of the DW901, DW902, and Section 21(A) Water Use Licence Applications (WULAs) on the Electronic Water Use Licence Application and Authorisation System (e-WULAAS).

To assess the waste management practices at Mogalakwena Mine to make recommendations for improvement. This included developing a Waste Management Plan (WMP); conducting site assessments for both internal and external waste facilities including contractors; developing a waste inventory as well as developing and conducting training for four levels within the operations for Mogalakwena Complex (MC)

OTHER EXPERIENCE

- **06/2018 to 01/2026: Environmental Consultant: Strengthening of TR1/1 – Provincial Government of the Western Cape (PGWC): Department of Transport and Public Works (DTPW)**

Responsible for:

Finalising the final basic assessment report for submission to the competent authority;

- **08/2021 to 06/2025: Environmental Consultant: God's Window Skywalk – Motsamay Tourism Group (Pty) Ltd**

Responsible for:

Compiling the project EMPr and coordinating the public participation process for the basic assessment process.

- **07/2021 to 12/2023: Environmental Consultant: Cato Ridge Environmental Impact Assessment (EIA) – Cato Ridge Development Company Ltd**

Responsible for:

Adapting the impact assessment tables from various specialist reports into the Draft EIAR.

- **07/2021 to 12/2023: Environmental Consultant: Anglo American Prefeasibility Studies – Anglo Corporate Services SA**

Responsible for:

Undertaking a Due Diligence exercise for the Great Kei WEF and the Ngxwabangu Site.

- **08/2022 to 11/2023: Environmental Control Officer (ECO): Environmentally Sustainable Design (ESD) for KSB Pumps – Messaris Wapenaar Consulting Services**

Responsible for:

Environmental Control Officer (ECO), which included monthly auditing for compliance to environmental requirements according to Man-6 Sustainability Green building criteria.

- **01/2015 to 04/2023: Environmental Consultant: Kokerboom 2 – Business Venture Investments No.178**

Responsible for:

Coordinating the Public Participation Process and undertaking the part 1 amendment process.

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- **01/2019 to 04/2023: Environmental Consultant: Upgrading of Marakabei-Monontša Road – China Geo-Engineering Corporation Lesotho (Pty) Ltd (China Geo)**
Responsible for:
Auditing the construction site and writing an addendum report to the existing Environmental Management Programme (EMPr).
 - **05/2020 to 04/2023: Environmental Consultant: Improvement and Management of Gravel Roads – Provincial Government of the Western Cape (PGWC): Department of Transport and Public Works (DTPW)**
Responsible for:
Assisting with closure applications, compiling closure plans and environmental risk reports.
 - **04/2022 to 03/2023: Environmental Consultant: Ilanga Emoyeni – Windlab Developments South Africa**
Responsible for:
Compiling Basic Assessment Reports for Ilanga Emoyeni PV2 and PV3 and the Environmental Management Programmes (EMPrs) for the Ilanga Emoyeni Solar Suite.
 - **09/2022 to 01/2023: Environmental Consultant: Environmental and Social Impact Assessment (ESIA) for Serengeti Energy Baomo Project Phase II – CEMMATS Group Limited**
Responsible for:
Ensuring that all the relevant documents are reviewed, according to the IFC performance standards, by the different specialists.
 - **01/2022 to 12/2022: Environmental Consultant: Seriti KHU Coal Improvement – Seriti Power (Pty) Ltd**
Responsible for:
Environmental Screening.
 - **08/2021 to 12/2022: Environmental Consultant: Sibanye Photovoltaic Plant:- Amendment of Environmental Authorisation (EA) – Sibanye Gold Limited**
Responsible for:
Compiling the Basic Assessment Report (BAR), Environmental Management Programme (EMPr) and public participation documentation.
 - **05/2021 to 10/2022: Environmental Consultant: Simba CM Projects – Simba (Pty) Ltd**
Responsible for:
Compiling a NEMA inquiry for the Shakaskraal IP to CNG piping burner modifications.
 - **10/2021 to 09/2022: Social People Assistant: Housing Maintenance at Mogalakwena Mine– Rustenburg Platinum Mines**
Responsible for:
Conducting condition assessments.
 - **07/2020 to 04/2022: Environmental Consultant: Traffic Impact Assessment (TIA) for a Solar Photovoltaic (PV) Plant at Mogalakwena Mine – Rustenburg Platinum Mines**
Responsible for:
Compiling sub-consultancy agreements for specialists, public participation documents and authorisation report for submission to the competent authority.

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- ***04/2021 to 04/2022: Environmental Consultant: Venetia Diamond Mine Independent Power Producer (IPP) Project – Cresco Project Finance***

Responsible for:

Assisting with the public participation process (PPP) during the Environmental Implementation Review (EIR) phase and assisting with the compilation of the Environmental Management Programme (EMPr) Report.

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, I am available and willing to serve in the position indicated for me in the Proposal for Professional Services for the ORWRDP-2, for the durations and at the locations indicated therein.

Signature of Staff Member

Date