

## **NTSEBO MKHIZE**

<b>Profession</b>	<i>Environmental Assessment Practitioner</i>
<b>Position in Firm</b>	<i>Senior Environmental Assessment Practitioner</i>
<b>Area of Specialisation</b>	<i>Environmental Impact Assessments, Environmental Auditing, Water Use Authorisation, Waste Management Licences, Atmospheric Emissions Licences, Environmental Screening, GIS Mapping</i>
<b>Qualifications</b>	<i>Masters in Environmental Management (with distinction)</i>
<b>Years of Experience</b>	<i>10 Years</i>
<b>Years with Firm</b>	<i>1 year, 7 months</i>

### **SUMMARY OF EXPERIENCE**

Ntsebo Mkhize has ten (10) years working experience in Environmental Management. She is a Registered Environmental Assessment Practitioner with the Environmental Assessment Practitioner Association of South Africa (EAPASA) and holds a Masters in Environmental Management (with distinction).

Her project experience spans tools such as Environmental Impact Assessments (EIAs), Basic Assessments (BA), Water Use Licence Applications (WULAs) and Waste Management Licence Applications (WMLs), Atmospheric Emissions Licences (AELs). She has applied these tools in sectors such as aviation, sewerage, river rehabilitation, mixed-use developments, bulkwater supply, roads, electricity, waste treatment facilities and landfills.

In terms of other skills / areas of knowledge, Mrs Mkhize has experience in Environmental Auditing, is also well versed in the use of ArcGIS and has a knowledge of Health and Safety as she holds a SAMTRAC. In addition to the above, and in terms of ISO standards, she has completed courses in ISO 14001 as well as ISO 9001 and has previously served in the role of a Quality Management System Representative where she was responsible for overall compliance to ISO 9001 requirements.

### **PROFESSIONAL REGISTRATIONS & INSTITUTE MEMBERSHIPS**

**EAPASA** - Registered Environmental Assessment Practitioner with the Environmental Assessment Practitioner Association of South Africa - Registration No 2019/1489

**IAIASa** - International Association for Impact assessment of South Africa – Membership Number No 6275

### **EDUCATION**

**2003** - **Matric** – Aha Thuto Secondary School, Johannesburg

**2010** - **BSc** (Landscape Architecture) - University of Pretoria

**2011** - **BSc Hons.** (Geography) – University of the Witwatersrand

**2012** - **BSc Hons.** Environmental Management), with distinction – University of South Africa

**2021** - **M.** (Environmental Management), with distinction – North-West University

## SPECIFIC EXPERIENCE

### Terratest (Pty) Ltd

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2021- Date

Position- Senior Environmental Assessment Practitioner

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**Basic Assessment and Water Use Authorisation- Re-Alignment of the P608-D604, Greater Kokstad Municipality.** Client: JG Afrika (Pty) Ltd on behalf of the KwaZulu- Natal Department of Transport

**Basic Assessment and Water Use Authorisation- KwaHlokoHoko Phase 2, uMlalazi Local Municipality.** Client: Eyethu Engineers (Pty) Ltd on behalf of the King Cetshwayo District Municipality

**Basic Assessment and Water Use Authorisation- P419, Dr Nkosazana Dlamini Zuma Local Municipality.** Client: Ilifa Africa Engineers (Pty) Ltd on behalf of KwaZulu Natal Department of Transport

**Basic Assessment – R22 Hluhluwe By-pass, Big Five False Bay Local Municipality.** Client: Hatch (Pty) Ltd on behalf of SANRAL

**Basic Assessment and Water Use Authorisation- Khambule Road, Msunduzi Local Municipality.** Client: TIS Engineers (Pty) Ltd on behalf of Msunduzi Local Municipality

**Water Use Authorisation, Rocabar Access Road as part of the N2 Interchange Project, Greater Kokstad Municipality.** Client: South African National Roads Agency Limited (SANRAL) on behalf of the KwaZulu Natal Department of Transport

**Basic Assessment- Moyeni Water Treatment Works, Okhahlamba Local Municipality.** Client: uThukela District Municipality

**Environmental Auditing- Ntuzuma C Sewer Reticulation, eThekwini Municipality, KwaZulu-Natal.** Client: eThekwini Municipality

**Environmental Auditing- Oribi Community Hall, Msunduzi Local Municipality, KwaZulu-Natal.** Client: HN Consulting Engineers on behalf of Msunduzi Local Municipality

**Environmental Auditing- Desilting of the Camps Drift Canal, Msunduzi Local Municipality, KwaZulu-Natal.** Client: HN Consulting Engineers on behalf of Msunduzi Local Municipality

**Environmental Auditing- Proposed Upgrade of Mabane Road Crossing, Edendale, Msunduzi Municipality, KwaZulu-Natal.** Client: HN Consulting Engineers (Pty) Ltd on behalf of Msunduzi Local Municipality

**Environmental Auditing-, P2 Road Upgrades. uMlalazi Local Municipality, Kwazulu-Natal.** Client: HN Consulting Engineers (Pty) Ltd on behalf of KwaZulu Natal Department of Transport

**Environmental Auditing- Gunjana Community Water Supply Scheme: Phase 2, Msinga Local Municipality, Umzinyathi District Municipality, Kwazulu-Natal.** Client: uMzinyathi District Municipality

**Environmental Auditing- Emberton Estate Housing Development, eThekwini Local Municipality, , Kwazulu-Natal.** Client: Business Venture Investments 1268 (Pty) Ltd

**Environmental Screening as part of the Prefeasibility Study - Yorkville Farm Dam.** Client: Evergreen Investments

**Environmental Screening as part of the Business Plan for a Waste Management Plan/ Waste-to-Energy Project, Zeekoegat Wastewater Treatment work .** Client: United Nations Industrial Development Organisation (UNIDO)

### **Independent Consultant**

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**2020 - 2021**

**Position-** Environmental Assessment Practitioner

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**Basic Assessment and Water Use Authorisation Application- Upgrade of an existing section of the R103 and the construction of a new 1,6km Greenfields link road between the Camperdown Interchange and the Camperdown Overpass,** Client: QPoint Group (Pty)Ltd on behalf of SANRAL

**Basic Assessment, Waste Management Licence Application and Atmospheric Emissions Licence for the Treatment of Healthcare Risk Waste, Setlopo Village, Mahikeng.** Client: QPoint Group (Pty) Ltd on behalf of Greenearth Environmental Services (Pty) Ltd

**Environmental Auditing- Proposed capacity upgrades to the N3 from the Cato Ridge Interchange (km 20.2) to Dardanelles (km 26.6).** Client: QPoint Group (Pty)Ltd on behalf of SANRAL

**Basic Assessments for a proposed filling station in Madadeni H.** Client: QPoint Group (Pty) Ltd on behalf of Pearl of Great Price Environmental Consulting (Pty) Ltd.

**Basic Assessments for proposed filling stations in Osizweni C.** Client: QPoint Group (Pty) Ltd on behalf of Pearl of Great Price Environmental Consulting (Pty) Ltd.

**External Reviewer for the EIA Report, EMPr and Public Participation Process for the Musina- Makhado Special Economic Zone.** Client: Tholoana Environmental Consulting cc on behalf of the Limpopo Department of Economic Development, Environment and Tourism

**External reviewer- Basic Assessment for the proposed 8 boiler chicken houses: Mahumas Farms.** Client: Tholoana Environmental Consulting cc on behalf of Mahumas Farms, July 2020

**External reviewer- Basic Assessment for the upgrading of Ridge Road.** Client: Tholoana Environmental Consulting cc on behalf of the City of Ekurhuleni Metropolitan Municipality, Roads and Storm Water Department

**External reviewer- Basic Assessment for the upgrading of Barry Marais Road** Client: Tholoana Environmental Consulting cc on behalf of the City of Ekurhuleni Metropolitan Municipality, Roads and Storm Water Department

### **GA Environment (Pty) Ltd**

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**2019 – 2021**

**Position-** Senior Environmental Assessment Practitioner

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**Basic Assessment for the New Aloe Substation and Thabampoop loop- out powerline and Silica loop-in powerline.** Client: Eskom Holdings SOC Ltd

**Scoping for Hekpoort as part of the Rapid Land Release Programme.** Client: Gauteng Department of Human Settlements

**Rapid Land Release Programme environmental services (Environmental Screening Reports, NEMA Queries, Basic Assessments, Environmental Impact Assessments and Water Use Licence Applications),** Client: GladAfrica Project Managers (Pty) Ltd

**Environmental Status Quo Reports - various road upgrades for the City of Tshwane Roads and Stormwater Division.** Client: GladAfrica Project Managers, (Pty) Ltd

### **GA Environment (Pty) Ltd**

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**2016 – 2019**

**Position-** Environmental Assessment Practitioner

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**Basic Assessments for the Battery Storage Systems for four substations in the Western Cape (Witzenberg, Leeurivier, Wolseley and Nuwekloof)** Client: Eskom Holdings SOC Ltd

**Environmental compliance monitoring for the development of Tlhabane Square mixed-use Development.** Client: Public Investment Corporation (PIC)

**Environmental compliance monitoring for the development of Moleleki Ext.2 (comprising bulk infrastructure and free standing bathroom units).** Client: Akwethu Engineering and Development

**Environmental compliance monitoring for the development of Monavoni substation,** Client: GladAfrica Project Managers (Pty) Ltd

**Initial Environmental Assessment Reports for 29 Distance Measurement Equipment (DME) sites within the Terminal Manoeuvring Areas (TMAs) of the OR Tambo, King Shaka, Port Elizabeth, East London, George and Cape Town airports.** Client: Air Traffic and Navigation Services (ATNS)

**Basic Assessment for the Magaliesberg DME Site.** Client: Air Traffic and Navigation Services (ATNS),

**Environmental Status Quo Reports - various road upgrades for the City of Tshwane Roads and Stormwater Division.** Client: GladAfrica Project Managers, (Pty) Ltd

**Water Use Licence Application for the Ekuthuleni township.** Client: GladAfrica Consulting Engineers, (Pty) Ltd

**Water Use Licence Application for the Stone River's Arch mixed-use development.** Client: Thaba Ya Batswana Eco-tourism (Pty) Ltd

**Waste Management Licence Applications for various waste disposal facilities in the KwaZulu Natal Province,** Client: Department of Environment, Forestry and Fisheries (DEFF)

**Reviewer for the Environmental Status Quo Report for the Rooiwal Waste Water Treatment Works.** Client: GladAfrica Project Managers, (Pty) Ltd

**Waste Management Licence Applications for various waste disposal facilities in the Northern Cape Province.** Client: Department of Environment, Forestry and Fisheries (DEFF)

#### **GA Environment (Pty) Ltd**

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**2013 – 2015**

**Position-** Junior Environmental Assessment Practitioner

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**Environmental compliance monitoring for the elimination of the Klippoortjie sewer.** Client Ekurhuleni Metropolitan Municipality

**Basic Assessment for the upgrading of internal roads in Mandela Village.** Client: GladAfrica Consulting (Pty) Ltd.

**Zoning plans for the proclamation of two municipal nature reserves: Klipriviersberg and Kloofendal.** Client: City of Johannesburg

**Basic Assessment for the rehabilitation of Centurion Lake.** Client: GladAfrica Consulting (Pty) Ltd,

**Environmental and Social Impact Assessment (ESIA) process Tourel building complex, Yaoundé, Cameroon.** Client: Umnombo Consortium Partners (Pty) Ltd,

**Environmental and Social Impact Assessment (ESIA) process for the Cameroon social housing Projects.** Client: 4 Degrees South (Pty) Ltd

**Environmental Feasibility Study for the Gariep dam water supply scheme.** Client: GladAfrica Consulting (Pty) Ltd

**Environmental screening for the Rustenburg Hub Plan.** Client: GladAfrica Consulting (Pty) Ltd

**Landscape Design for five (05) schools in the Eastern Cape Province (Langeni Senior Primary School, Lucingweni Junior Secondary School, Jenca Junior Secondary School, Mangala Senior Secondary School, Sinolwazi Senior Secondary School.** Client: GladAfrica Consulting (Pty) Ltd

#### **Lidwala Environmental Planning and Services (Pty) Ltd**

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**2012– 2013**

**Position-** Trainee Environmentalist

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**Environmental Impact Assessment for Tabor-Nzhelele powerline project.** Client: Eskom Holdings SOC Ltd

**Majuba and Tutuka ash disposal facilities: Environmental Impact Assessment,** Client: Eskom Holdings SOC Ltd

**Waste Management Licence Applications for the Danielskuil landfill,** Client: Kgatelopele Local Municipality

## CONTINUED PROFESSIONAL DEVELOPMENT

### Short courses and training

Institution	Course or training session
NOSA 30 November 2020 – 11 December 2020	SAMTRAC
International Association for Impact Assessment South Africa (IAIAsa) 14 September – 23 October 2020	Environmental Report Writing- Introduction for students and young professionals
NOSA 31 August – 3 September 2020	Introduction to SAMTRAC (with distinction)
SGS June 2019	ISO 14001:2015 – Environmental Management System – Introduction eLearning Course
Department of Water and Sanitation September 2016	Section 21 (c) and (i) Water Use Authorisation Training, Department of Water and Sanitation
South African Certification and Auditing Services (SACAS) 29- 31 August 2016	ISO 9001:2008 Implementation and Facilitation (with distinction)
University of Pretoria 16 -20 March 2015	Certificate in Environmental Law (with distinction)
ESRI South Africa June 2013	ArcGIS 1: Getting Started
Autodesk Training Centre June 2009	AutoCAD Advanced

### Key Recent professional gatherings attended

Organiser and date	Topic of discussion and nature of gathering
IAIAsa 27 January 2022	Combining environmental legislation and technology to remove the risk to EAPs in WULAs and WMAs- <i>Seminar</i>
IAIAsa 2 December 2021	Contaminated Land
International Association for Impact Assessment South Africa (IAIAsa) 27 October 2021	Bringing Sustainable Cities and IEM to life- <i>Seminar</i>
IAIAsa 12 July 2021	SANBI Draft Terrestrial and Aquatic Ecosystem Environmental Assessment Guideline
IAIAsa 19 November 2020	Significance of significance- <i>Workshop</i>
IAIAsa 03 November 2020	Impact Significance in EIA- <i>Workshop</i>
IAIAsa 21-23 October 2020	Opportunities for progress- <i>Symposium</i>

Organiser and date	Topic of discussion and nature of gathering
IAIAsa 06 August 2020	SAHRA Workshop for EAP's and Heritage Specialists- <i>Workshop</i>
Institute of Waste Management of Southern Africa (IWMSA) 22 July 2020	Ensuring robustness of Waste Logistics during challenging times- <i>Seminar</i>
be Waste Wise 02 July 2020	Behaviour change and recycling contamination- <i>Seminar</i>