



## Legion Mazibuko

Environmental and GIS Specialist  
*EAPASA (EAP)*

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**Contact No:** +27 73 789 1846



### EDUCATION AND

#### QUALIFICATIONS

- BSc. Hons (Geography) University of South Africa (2020)
- Certificate in Geoinformatics. (GIS) University of Johannesburg (2016)
- BA. (Environmental Management) University of South Africa (2015)

#### YEARS OF EXPERIENCE

- 7 Years

#### KEY COMPETENCIES

- Project Management
- Environmental Control Officer
- Performance Assessments (Environmental Audits) on mine EMPs
- Environmental Impact Assessments
- Basic Assessment Reports
- Mineral Law -Mining Rights and Permits
- Environmental Authorisation Applications
- Water Use License Applications
- GIS Coordinator

### BIOGRAPHY

Legion Mazibuko is a professional Environmental and GIS Specialist with focus on Environmental Impact Assessment (EIA), Authorisation Applications, Environmental Audits, Project Management, GIS coordination, Community Social Engagement, Environmental Management Program, Environmental Compliance Monitoring, contacting Public Participation Processes, Stakeholder Engagement and Community Public Consultation. She has experience to operate and maintain GIS through data acquisition, attribute editing, GIS geodatabase, GIS mapping, manage and configure software licences. In addition, provide GIS training, information and technical assistance regarding mapping, geodatabases or related issues and initiate problem resolution. She has technical skills in ArcGIS online (Collector, Survey123, Operations Dashboard) ESRI ArcGIS products (ArcMap 10.5/6, ArcGIS Pro, ArcGIS Earth) Quantum GIS.

### EMPLOYMENT HISTORY

**31 Jul 2023 - present:** Environmental Consultant, Temvelo Consultants (Subcontractor)

**01 Febr 2023 - 30 Jun 2023:** Environmental Officer, MuTingati Environmental, Health & Safety Consulting

**02 Sep 2019 - 31 Jan 2023:** Junior Environmental Consultant, Segope Water and Environmental Services

**07 August 2017 - 30 August 2019:** Environmental and GIS Intern, Gemini GIS and Environmental Services

### EXPERIENCE HIGHLIGHTS

The below highlight key recent and relative project experience:



- Public Participation Process and Stakeholder consultation and mediation

#### **COUNTRIES OF WORK**

#### **EXPERIENCE**

- South Africa

#### **LANGUAGES**

- English (excellent)
- isiZulu (excellent)
- Xitsonga (excellent)
- Xhosa (excellent)

- EIA for Bulk Pipeline Development, Bushbuckridge Local Municipality, Lead EAP
- Heritage Opinion Reports for Bulk Water Infrastructure, Vhembe & Sekhukhune District Municipalities, Heritage Consultant
- Integrated Waste Management Plans, DFFE & Limpopo LEDET, Waste Consultant
- Industrial Symbiosis Initiative Implementation, DFFE, Environmental Consultant
- Environmental Compliance & Project Management, Eskom & Lekwa Local Municipality, ECO & Project Manager
- EIA for Open Cast Mines, Samancor Eastern Chrome Mines & Glubay Mining, Project Manager
- Road Maintenance & Infrastructure Projects, Roads Agency Limpopo, Project Manager
- GIS Mapping & Data Analysis, Koleko Transportation & Maanaka Projects, GIS Intern

Please consult the attached appendix for a comprehensive list detailing the project experiences undertaken.



## APPENDIX A: PROJECT EXPERIENCE

Duration	Assignment name / brief description of main deliverables/outputs	Name of client and country of assignment	Role on the assignment
3 months	Scoping and EIA for the Development of a Bulk Pipeline and Associated Infrastructure	Bushbuckridge Local Municipality, South Africa	Lead EAP
1 month	Heritage Opinion Report for the Proposed Establishment of Bulk Water Infrastructure for the Nandoni Bulk Water Supply Scheme	Vhembe District Municipality, South Africa	Heritage Consultant
1 month	Heritage Opinion Report for the Development of a Bulk Pipeline and Associated Infrastructure (De Hoop, Nebo Plateau Scheme, Gamalekane to Jane Furse and Surrounding Areas up to Zaaiplaas)	Sekhukhune District Municipality, South Africa	Heritage Consultant
6 months	Development of Integrated Waste Management Plan for Koukamma and Sundays River Valley Local Municipalities	Department of Forestry, Fisheries and the Environment (DFFE), South Africa	Waste Consultant
6 months	Development of Integrated Waste Management Plan for Greater Giyani Local Municipality	Limpopo Department of Economic Development, Environment and Tourism (LEDET), South Africa	Waste Consultant
1 year	Design and Implementation of an Expanded Industrial Symbiosis Initiative (ISI) – Region A (Northern Cape, Western Cape, Eastern Cape)	DFFE, South Africa	Environmental Consultant
1 year	Design and Implementation of an Expanded Industrial Symbiosis Initiative (ISI) – Region B (KwaZulu-Natal, Mpumalanga, Free State)	DFFE, South Africa	Environmental Consultant
2 months	Heritage Opinion Reports for Licensing and Development of Landfill Engineering Designs	LEDET, South Africa	Heritage Consultant
7 months	Preventative Maintenance of 7.58km of Road D688 at Bylsteel	Roads Agency Limpopo (RAL), South Africa	Project Manager & Environmental Specialist
2 months	Social Impact Assessment for Proposed Open Cast Mines in Emfuleni and Midvaal	Glubay Mining, South Africa	Social Analyst
3 months	ECO for the Construction of Water-Related Infrastructure to Reduce Non-Revenue Water	Lekwa Local Municipality, South Africa	Project Manager



Duration	Assignment name / brief description of main deliverables/outputs	Name of client and country of assignment	Role on the assignment
5 months	Environmental Compliance Monitoring for 5 Eskom Substations in Limpopo, Mpumalanga, and North West Provinces	Eskom, South Africa	ECO & Project Manager
1 year	Environmental Impact Assessment for Three Mines (Doornbosch, Steelpoort, Jagdlust)	Samancor Eastern Chrome Mines, South Africa	Project Manager & Environmental Specialist
2 years	Data Management and Road Incident Mapping	Koleko Transportation Engineering and Planning, South Africa	GIS Intern
2 years	Mapping and Environmental Sensitivity Analysis	Maanaka Projects and Consulting (Pty) Ltd, South Africa	Environmental & GIS Intern
3 months	Environmental Impact Assessment and Mapping for Transnet Fire Services Infrastructure Upgrade	VNMM/Snethemba, South Africa	Junior EAP
1 month	Desktop Studies, EIAs, EMPs, Water Use Licensing, and Heritage Impact Assessments	Tshepega Engineering, South Africa	Environmental & GIS Intern

**Environmental Assessment  
Practitioners Association  
of South Africa**



**Registration No. 2022/4687**

**Herewith certifies that**

**LEGION MAZIBUKO**

**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*





## Nolwazi Lomalangeni Dlamini

Jnr Environmental Consultant  
Registered EAP No. 2022/5249

**Address:** 13<sup>th</sup> road, Noordwyk, Midrand  
**Email:** nolwazi@niara.co.za  
**Contact No:** +27 83 690 9515



### EDUCATION AND

#### QUALIFICATIONS

- BSocSc. (Geography and Environmental Management) University of KwaZulu Natal (2020)
- BSc. Hons. (Geography) University of Witwatersrand (2021)

#### AFFILIATIONS

- Environmental Assessment Practitioners Association of South Africa (EAPASA)

#### YEARS OF EXPERIENCE

- 2 Years

#### KEY COMPETENCIES

- Project Management
- Legal Compliance Audits: Environmental / Health & Safety
- Environmental Control Officer
- Performance Assessments (Environmental Audits) on mine EMPs
- Compliance Audits on Environmental Authorisations (e.g., ROD's, Water, Air and Waste Licenses)

### BIOGRAPHY

Nolwazi Dlamini is an environmental professional who has more than three (3) years of experience working in the Environmental Management field. She currently holds the title of junior environmental consultant at Niara Environmental Consultants (Pty) Ltd. She has more than two (2) year working as an Environmental Assessment Practitioner (EAP) in the mining sector where she has performed numerous environmental assessments (Environmental audits, financial provision & WML applications), Water Use Licence Application (WULA) as well as Basic assessment reports (BAR), Scoping and Environmental impact assessment(S&EIA) and Environmental management programmes (EMPr). One (1) year working as an Environmental Consultant in the petroleum industry where she worked under a Air quality specialist and was responsible for environmental compliance monitoring for Engen depots and Retail sites (EA & EMP); Retail & commercial site EIA gap closure monitoring; Air emission (AEL) & water use License (WUL) compliance as well as preparing internal environmental procedures (Air emission, waste, environmental safety). She is a seasoned Environmental Assessment Practitioner with a thorough understanding of the potential environmental and social impacts of activities in a variety of environmental settings. Her core competencies include research and report writing, specialist report review and environmental impact assessments

### EMPLOYMENT HISTORY

**July 2024 – present:** Jnr Environmental Consultant, Temvelo Consultants

**May 2023 – May 2024:** Petroleum & Environmental Consultant, Vahlengwe Mining Advisory and Consulting, South Africa

**December 2021 – December 2022:** Environmental intern, Engen Petroleum, South Africa

### EXPERIENCE HIGHLIGHTS



- Consolidated Compliance Programmes
- Environmental Impact Assessments
- Basic Assessment Reports
- Mineral Law -Mining Rights and Permits
- Environmental Authorisation Applications
- Water Use License Applications
- Waste Management License Applications
- Co-ordinating and conducting Public Involvement processes.
- Social Assessment (Stakeholder and Social Analysis)
- Public Participation Process and Stakeholder consultation and mediation
- GIS

## **COUNTRIES OF WORK EXPERIENCE**

- South Africa

## **LANGUAGES**

- English (excellent)
- Sesotho (intermediate)
- siSwati (excellent)
- isiZulu (excellent)

The below highlight key recent and relative project experience:

- BAR & EMPr, S102 Amendment application for Phalabora Mining company (Pty) Ltd
- BAR & EMPr, S102 Amendment application for Mbali Coal (Pty) Ltd
- Social & Labour plan (SLP) for Mbali Coal (Pty) Ltd
- Environmental compliance monitoring & Financial provision for Mbali Coal (Pty) Ltd
- BAR & EMPr, prospecting right application for Africa Gulf International mining (Pty) Ltd
- Community Health Impact Assessment (cHIA) for Minetek Resources (Pty) Ltd
- Social & Labour plan (SLP) for Izazi Mining (Pty) Ltd
- Social & Labour plan (SLP) for Saldomate Resources (Pty) Ltd
- Social & Labour plan (SLP) for Mmambithi Mining (Pty) Ltd
- BAR & EMPr, Section 102 for application for Ngobeni family Trust
- Scoping and EIA , Prospecting Right application for Gomeza Trading (PTY) Ltd
- BAR & EMPR, Waste Management licence for Mona Le Mane (Pty) Ltd
- BAR & EMPr, Prospecting Right application for Podlet (Pty) Ltd
- Environmental compliance monitoring & Financial provision for Franco Sand and Stone (Pty) Ltd
- Environmental compliance monitoring & Financial provision for Ngwenya Mine (Pty) Ltd
- Environmental compliance monitoring & Financial provision for Analiza Boedery (Pty) Ltd
- Environmental compliance monitoring of Engen Depots (Langlaagte, Kempton Park, Witbank)

Please consult the attached appendix for a comprehensive list detailing the project experiences undertaken.



## APPENDIX A: PROJECT EXPERIENCE

Duration	Assignment name / brief description of main deliverables/outputs	Name of client and country of assignment	Role on the assignment
2025	BAR & EMPr for prospecting right application on various farms, near Sihlengeni, Kwa-Zulu Natal	Niara Minerals (Pty) Ltd	Project lead & Report Compiler
2025	BAR & EMPr, S102 Amendment application for Proposed Dry Magnetic Separation Plant and Converter Stack Demolition	Palabora Mining Company (Pty) Ltd	Project lead & Report Compiler
2025	BAR & EMPr, S102 Amendment application for the Expansion of The Open-Pit Perimeter to Access Additional High Grade Vermiculite Reserves	Palabora Mining Company (Pty) Ltd	Project lead & Report Compiler
2025	BAR & EMPr, S102 Amendment application for the inclusion of Portions 4 and 28 of Klippoortjie 32 IS	Mbali Coal (Pty) Ltd	Project lead & Report Compiler
2025	Social & Labour plan (SLP)	Mbali Coal (Pty) Ltd	Project lead & Report Compiler
2025	Social & Labour plan (SLP)	Izazi Mine (Pty) Ltd	Project lead & Report Compiler
2025	Social & Labour plan (SLP)	Saldomate Colliery (Pty) Ltd	Project lead & Report Compiler
2024	BAR & EMPr for Prospecting Right Applications on Various Farms, near Klerksdorp, North West Province	Africa Gulf International mining (Pty) Ltd	Project assistant
2024	Community Health Impact Assessment (cHIA) for proposed Newcastle coal Mine	Minetek Resources (Pty) Ltd	Project lead & Report Compiler
2024	Social & Labour plan (SLP)	Izazi Mining (Pty) Ltd	Project lead & Report Compiler



2024	BAR & EMPR for Klipspruit Colliery's Proposed Unwabu Project - Pit BD and Pit H Underground Mining Expansion Project	Seriti power (pty) Ltd	Project assistant & report compiler
2024 - present	Monthly Dustfallout Monitoring	Mbali Colal (Pty) Ltd	Project lead & Report Compiler
2024	BAR & EMPr, Regulation 31 amendment for Harmony :Doornkop	Harmony :Doornkop	Project assistant & report compiler
2024	BAR & EMPr , Section 102 application for Ngobeni family Trust	Ngobeni family trust	Project assistant & Report reviewer
2024	Environmental compliance monitoring & Financial provision for Insite trading (Pty) Ltd	Insite trading (Pty) Ltd	Auditor & Report compiler
2024	Scoping and EIA , Prospecting Right application for Gomeza Trading (PTY) Ltd	Gomeza Trading (PTY) Ltd	Project lead & Report Compiler
2024	BAR & EMPR, Waste Management licence for Mona Le Mane (Pty) Ltd	Mona Le Mane (Pty) Ltd	Project lead & Report Compiler
2024	BAR & Empr, Prospecting Right application for Podlet (Pty) Ltd	Podlet (Pty) Ltd	Project lead & Report Compiler
2023	Environmental compliance monitoring & Financial provision for Ngwenya mine (Pty) Ltd	Ngwenya mine (Pty) Ltd	Auditor & Report compiler
2023	Environmental compliance monitoring & Financial provision for Franco Sand and Stone (Pty) Ltd	Franco Sand and Stone (Pty) Ltd	Auditor & Report compiler
2023	Environmental compliance monitoring & Financial provision for Analiza Boedery (Pty) Ltd	Analiza Boedery (Pty) Ltd	Auditor & Report compiler

**Environmental Assessment  
Practitioners Association  
of South Africa**



**Registration No. 2022/5249**

**Herewith certifies that**

**NOLWAZI DLAMINI**

**is registered as an**

**Candidate Environmental Assessment Practitioner**

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