

**Appendix 1:**

CV, Experience of Internal EAP and Declaration of Independence of external EAP

**CURRICULUM VITAE OF  
SIPHUMELELO MBALI**

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**PERSONAL DETAILS**

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Name:	Siphumelelo Mbali
Date of Birth:	12 November 1990
Nationality:	South African
Email:	<a href="mailto:Siphumelelo.mbali@afrimat.co.za">Siphumelelo.mbali@afrimat.co.za</a>
Cell:	062 920 2525
Gender:	Male
Drivers License:	Code 10
Race:	African

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**ACADEMIC QUALIFICATIONS**

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1. Master of Science (Cum Laude) Environmental and Water Science
  2. Bachelor of Science (Honours): Environmental and Water Science
  3. Bachelor of Science: Environmental and Water Science
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**MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

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- South African Council for Natural Scientific Professions (SACNASP)(Professional Natural Scientist)
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**KEY SKILLS AND CORE COMPETENCIES**

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- Design, undertake and manage Environmental Impact Assessments under NEMA, MPRDA and SEMA relating to national, provincial legislations towards approval.
  - Undertake water balancing and hydrological modelling studies.
  - Auditing and researching environmental management, compliance with conditions and regulations
  - Surface water and Groundwater quantity and quality determination and monitoring
  - Research with scientific and technical report writing
  - Undertake data collection, data analysis and reporting
  - Conducting public presentation and Stakeholder Engagement
  - Project Management and budgeting
  - Advanced use of Geographic Information Systems (GIS), CorelDraw, Microsoft Office, Excel, Statistica, R2 in environmental analysis scenarios.
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**WORK EXPERIENCE**

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**Afrimat Shared Services (Pty) Ltd**

**Aug 2021 – Present**

**Environmental Specialist**

- Provide advice, technical support and guidance on Environmental Management aspects
  - Ensure compliance with conditions of environmental authorisations, waste and other relevant permits including implementation of best practices guidelines
  - Ensure the implementation of relevant environmental policies and practices.
  - Conduct Environmental Performance/Audit Reports for improved environmental management and provide corrective measures for any deficiencies found
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- Lead and manage Environmental Authorisations (EA) and Environmental Management Plan (EMP) Amendments/Updates of the company
- Manage and conduct monitoring of environmental elements for reporting and engaging with relevant stakeholders (National and Provincial Departments, parastatals and adjacent communities)
- Determine and prescribe site specific appropriate environmental management and mitigation measures for implementation.
- Determine mine rehabilitation funds (Quantum) and monitoring of operational rehabilitation progress
- GIS mapping and plan compilation including Regulation 2 (2) Plans, Regulation 42, Mine Layout Plans and Mine Plans
- Strategise and manage GIS database to improve management of Afrimat Mining Rights, Permits and Prospecting Rights

#### **Site Plan Consulting: Jan 2016-July 2021**

##### **Environmental Scientist/GIS technician**

- Undertake and manage Environmental Impact Assessments for Full EIA/EMP and Basic Assessment Reports for Environmental Authorisation under NEMA/MPRDA and integration with Specific Environmental Management Acts (SEMA), WULA, SDFs, and Heritage Act.
- Undertake and manage Environmental Audit Reporting to assess compliance with Conditions and Regulations.
- Design and conduct field investigations to quantify, analyse, verify environmental data
- Design Mine Plans and Rehabilitation Plans
- Undertake and manage application for closure of Permits and Rights.
- Technical report writing on noise, dust, groundwater and surface water quantity and quality, hydrocarbon monitoring.
- Conducting and management of Public participation
- Engagement with other specialist, give specialist briefs.
- Use GIS and CorelDraw in compilation of maps and analysis.
- Determine mine rehabilitation for Aggregates, Diamonds, Foundry Sand for Mercedes Benz, Dimension Stone mines.
- Responding to compliance notices and rectification of environmental transgressions.

#### **NRF/DST intern- University of the Western Cape (June 2014- June 2015)**

##### **Hydrogeology Assistant**

- Organise pumping test equipment,
- Conduct pumping test in the cape flats aquifer and TMG fractured rock aquifers to determine aquifer properties,
- Analyse pumping test for aquifer properties,
- Writing research proposals,
- Assist honours and Masters Students in data collection
- Assist administering groundwater modules.
- Groundwater and surface water quality monitoring



**ENVIRONMENTAL CONSULTANT (PTY) Ltd**

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1209

Company Reg. No. 2012/192139/07

<b>Enquiries</b>	Anne-Mari White	<b>Our Ref:</b>	
<b>Date</b>	29 May 2023	<b>Your Ref:</b>	Independent Review of Mining Right, Vlakfontein Sand Mine, Afrimat

Attention: **Mr. Siphumelelo Mbali**  
**Afrimat Shared Services (Pty) Ltd**

**ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED MINING RIGHT APPLICATION,  
VLAKFONTEIN SAND MINE, DISTRICT OF MALMESBURY, WESTERN CAPE**

We confirm that Afrimat (Pty) Ltd appointed MPG Environmental Consultants to act as the external reviewer during the Environmental Authorisation process required for the proposed sand mining activities for Vlakfontein Sand Mine, near Malmesbury.

The Environmental Authorisation Application, Public Participation Documentation, and Draft Scoping Report and was reviewed on 12 May 2023 and MPG Environmental Consultants is satisfied that the Report complies fully with its obligations required in terms of the National Environmental Management Act 107, 1998 in respect of listed activities that have been triggered by applications in terms of the Mineral and Petroleum Resources Development Act, 2002 (MPRDA) (as amended).

Yours Sincerely,

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**Anne-Mari White**  
**Environmental Assessment Practitioner (EAP)**  
**EAPASA: 2020/602**  
**For: MPG Environmental Consultant**  
**Cell: 060 878 1591**

# Anne-Mari White

## Environmental Specialist

Ms. White's consulting experience includes basic environmental impact assessments (BAs), environmental impact assessments (EIAs), environmental compliance, public participation processes (PPPs), environmental management plans (EMPs), water licensing and authorisations and waste license applications for various projects, ranging from abattoirs and township establishments to power station developments.

Anne-Mari completed her Bachelor of Science in Environmental Management at the University of South Africa (UNISA) in 2007. In addition, she has done short courses in soil classifications and wetland delineations at Terrasoil; geographic information systems (GIS) at the University of KwaZulu-Natal (UKZN) and EIAs at the North-West University (NWU) in South Africa. She is also registered as a natural scientist with the South African Council for Scientific Natural Professionals (SACNASP) and is a member of the International Association for Impact Assessments (IAIA).

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Over the 14 years, Ms. White gained extensive experience in the following fields:

- Environmental Impact Assessments
- Environmental Monitoring and Control
- Environmental Management Plans
- Public Consultation
- Water Use License Applications

## Qualification

BSc. Environmental Management

## Specialization

Environmental Management

## Professional membership

- Natural Scientist, South African Council for Scientific Natural Professionals (**SACNASP – 300067/15**)
- Environmental Assessment Practitioner Association South Africa (**EAPASA – 2020/602**)
- Member, International Association for Impact Assessment South Africa (**IAIAAsa**)

Ms. White has taken the environmental lead in the projects listed below of which the most recent and important projects are listed below:

- *Environmental and Social Management Plan for Illovo Sugar Dwangwa Cogeneration Power Plant, 2023/03 – ongoing, Environmental Assessment Practitioner and Project Manager*
- *Socio-Economic Impact Assessment for the proposed Biomass Cogeneration Thermal Power Plant, Illovo Sugar, Nchalo Malawi, 2022/10 – ongoing, Environmental Assessment Practitioner and Project Manager*

- *Environmental Control Officer for the construction of the hardened external connection points at Koeberg Nuclear Power Station, Western Cape Province, 01/2023 – ongoing, Environmental Control Officer*
- *Environmental Control Officer for construction of Gutswha Substation and Powerline, Mpumalanga, September 2022 - ongoing*
- *Public Participation Consultation for Afrimat Aggregates, Pietermaritzburg, Kwa-Zulu Natal, 01/2023 – ongoing, Public Participation Practitioner*
- *Environmental Authorisation Application for the expansion of Ximuwu Lodge, Klaserie Private Reserve, Mpumalanga Province, 01/2023 – ongoing, Environmental Assessment Practitioner*
- *Environmental Authorisation Application and Water Use License for Medina Meats Abattoir, for the increase in slaughtering capacity, Middelburg, Mpumalanga, 08/2022 – ongoing, Environmental Consultant*
- *Environmental Authorisation Process for the proposed Malelane Bypass, TRACN4, 2022/04 – ongoing, Environmental Assessment Practitioner*
- *Environmental Monitoring for the Montrose Interchange along the N4 Highway, TRACN4, 11/2021 - ongoing, Environmental Control Officer*
- *Environmental Monitoring for the construction of Matumi Valley Residential Development, Mbombela, 01/2022 – ongoing, Environmental Control Officer*
- *Water Use License Application for MTO Forestry, converting streamflow reduction authorisation to authorisation for the abstraction of water from a borehole, 11/2021 – ongoing*
- *Environmental Authorisation Process for the proposed Solar Facility, Ubombo Sugar, Big Bend, Swaziland, 04/2021 – ongoing, Environmental Assessment Practitioner*
- *Water Use License Application for MTO Forestry, converting streamflow reduction authorisation to authorisation for the abstraction of water from a borehole, 11/2021 – ongoing*
- *Water Use License Application for Standerton Oil Mills (Pty) Ltd, for the abstraction and storage of water for industrial purposes, Standerton, Mpumalanga Province, 10/2021 - ongoing*
- *Environmental Authorisation, Water Use License and Borrow Pit Application for the construction of an internal road within Acornhoek, Bushbuckridge Local Municipality, 08/2021 – 01/2022, Environmental Assessment Practitioner*
- *Environmental Authorisation and Water Use Licensing Process for the desilting of two dams within the Klaserie Private Reserve, Limpopo Province, 08/2020 – 02/2021 – Environmental Assessment Practitioner*
- *Environmental Authorisation Process for the proposed extension of Piet Retief Extension 6, Mpumalanga Province, 06/2020 – 08/2021, Environmental Assessment Practitioner*
- *Environmental Authorisation Process for the Middelburg Dam Precinct Plan, Mpumalanga, 04/2021 – 10/2021, Environmental Assessment Practitioner*
- *Environmental Authorisation Process for the clearance of approximately 2000Ha of indigenous vegetation for the proposed agricultural activities, adjacent to Nkomazi Game Reserve, near Tjakastad, Mpumalanga Province, 2020 – 2021 – Environmental Assessment Practitioner*
- *Environmental Authorisation Application and Water Use License for activities commenced with at Ekland Safaris, Louis Trichardt, Limpopo, 03/2018 – 02/2020, Environmental Manager*

- *Section 24G environmental application for Nkomazi Game Reserve, Mpumalanga Province, South Africa, Nkomazi Game Reserve, 02/2016 - 05/2017, Environmental Assessment Practitioner*
- *Exxaro Belfast Resettlement Project, Mpumalanga Province, South Africa, Exxaro Mpumalanga, 01/2016 - 12/2016, Environmental Assessment Practitioner*
- *Basic environmental impact assessment (EIA) for the Newtown township development, Mpumalanga Province, South Africa, Mpumalanga Department of Human Settlements (DHS), 10/2015 - 11/2016, Environmental Assessment Practitioner*
- *Water use licence application (WULA) for Karino Interchange, Mpumalanga Province, South Africa, Trans African Concessions (TRAC), 05/2016 - 06/2017, Project Manager*
- *Khanyisa Power Station environmental authorisation (EA), Mpumalanga Province, South Africa, ACWA Power Africa Holdings, 01/2015 - 12/2016, Environmental Assessment Practitioner*
- *Rectification process for the modification of the channel located at Crossings Shopping Centre, Mpumalanga Province, South Africa, Laeveld Trust 2001 (Pty) Ltd, 04/2012 - 12/2016, Environmental Assessment Practitioner*
- *Environmental impact assessment (EIA) at the Komati Mill, Mpumalanga Province, South Africa, TSB Sugar RSA, 06/2014 - 12/2015, Project Leader/Environmental Assessment Practitioner*
- *Shisha Bridge basic assessment (BA), Limpopo Province, South Africa, Gibb Engineering & Science PTA, 03/2014 - 02/2015, Environmental Assessment Practitioner*
- *Basic assessment (BA) and water use licence application for the Amersfoort abattoir, Mpumalanga Province, South Africa, Royal HaskoningDHV, 09/2013 - 12/2014, Project Leader/Environmental Assessment Practitioner*
- *Kleinkopje environmental management programme report (EMPR) amendment, Mpumalanga Province, South Africa, Anglo Coal Limited JHB, 09/2012 - 11/2014, Project Leader/Environmental Assessment Practitioner*
- *Basic environmental impact assessment (EIA) and waste licence for Nutsi Dairy Farm, Mpumalanga Province, South Africa, Royal HaskoningDHV (RHDHV), 03/2012 - 10/2013, Environmental Assessment Practitioner*
- *Environmental impact assessment (EIA) for the repair of bridges on the R37, Mpumalanga Province, South Africa, ARQ Consulting Engineers, 05/2012 - 04/2013, Environmental Control Officer (ECO)/Environmental Assessment Practitioner*



**Environmental Assessment  
Practitioners Association  
of South Africa**



Registration No. 2020/602

***Herewith certifies that***

**Anne-Mari White**

***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 2023

Expires: 29 February 2024

Chairperson

Registrar

