

Appendix 1:

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

**CURRICULUM VITAE OF
SIPHUMELELO MBALI**

PERSONAL DETAILS

Name: Siphumelelo Mbali
Date of Birth: 12 November 1990
Nationality: South African
Email: Siphumelelo.mbali@afrimat.co.za
Cell: 062 920 2525
Gender: Male
Drivers License: Code 10
Race: African

ACADEMIC QUALIFICATIONS

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:

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

- 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

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
 - Lead and manage Environmental Authorisations (EA) and Environmental Management Plan (EMP) Amendments/Updates of the company
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- 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

TO WHOM IT MAY CONCERN

INDEPENDENT REVIEW WORKS STATEMENT ON THE DRAFT BASIC ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE DRIEFONTEIN QUARRY.

REFERENCE Number: WC 30/5/31/2/2/134 MR

Biogeotech Environmental Services was appointed by **Afrimat Aggregates (Operations) Pty Ltd** to undertake an independent review on the Draft Basic Assessment report and EMPr of the above subject or site in terms of section 13 of EIA regulations 2014, as amended in 2017.

After site visit undertaken on the **11 October 2022** and reviewing the Draft BA, EMPr reports, and adverts the following recommendations are submitted for considerations in the final BA report:

- The advertisement as part of public participation were noted and no material comment on them as everything is on par.

In conclusion, the overall Draft BA and EMPr contains enough material information to be submitted to the competent authority for the next phase of the process and for decision.

Yours sincerely

Victor Manavhela

Senior Environmental Specialist, EAPASA Reg. 2019/1344



Date: 31 January 2023

VICTOR THINAVHUYO MANAVHELA
102 Hesketh Drive, Moreleta Park, Pretoria. Klopper Park
+27+ 72 130 2832(cell)
VManavhela@icloud.com

Date of Birth:	03 February 1978
ID Number:	7802035916081
Marital Status:	Married
Gender:	Male
Nationality:	South African
Driver's License:	Code 10

EDUCATION AND TRAINING

UNIVERSITY OF FREE STATE

FACULTY OF ENVIRONMENTAL MANAGEMENT

MASTERS DEGREE: ENVIRONMENTAL MANAGEMENT

UNIVERSITY OF VENDA

FACULTY OF ENVIRONMENTAL SCIENCE

2002: BACHELOR OF ENVIRONMENTAL SCIENCES

WILDLIFE AND ENVIRONMENT SOCIETY OF SA

TREASURE BEACH, DURBAN, KZN

2003: CERTIFICATE ON ENVIRONMENTAL EDUCATION

AB TRAINING

2006: FSC FOREST MANAGEMENT AUDITORS COURSE

NORTH WEST UNIVERSITY

MAY 2006: ISO14001 CERTIFICATE

STANFORD COLLEGE

MAY 2006: PROJECT MANAGEMENT SKILLS CERTIFICATE

SOUTHERN AFRICAN INSTITUTE OF GOVERNMENT AUDITORS (SAIGA)

APRIL 2008: FINANCIAL MANAGEMENT FOR NON-FINANCIAL MANAGERS
IN THE PUBLIC SECTOR. (PFMA – BASED COURSE)

GIJIMA AST

MICROSOFT PROJECT MANAGEMENT AND ENTERPRISE PROJECT
MANAGEMENT

REGENESYS SCHOOL OF PUBLIC MANAGEMENT

PROFESSIONAL BUSINESS WRITING SKILLS FOR MANAGERS

REGENESYS SCHOOL OF PUBLIC MANAGEMENT

MONITORING AND EVALUATION SKILL COURSE

OTHER TRAINING AND WORKSHOPS ATTENDED

- LFA –TRAINING BY DANIDA (DANISH PROJECT): Logical Framework Approach.
- PERFORMANCE MANAGEMENT OFFERED BY SKILLS STUDIO
- LABOUR RELATIONS OFFERED BY GSSC
- PROJECT MANAGEMENT GDACE SPECIFIC
- FINANCE WORKSHOP PRESENTED BY FINANCE SECTION
- NEMA TRAINING PRESENTED BY DEAT NATIONAL
- EIA REVIEWERS COURSE BY UNIVERSITY OF PRETORIA AND DEAT

EMPLOYMENT

DEPUTY DIRECTOR: ENVIRONMENTAL PLANNING AND IMPACT MANAGEMENT

EMPLOYER: GAUTENG DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT (GDARD)

DURATION: January 2007 to 2013

Key Job Purpose

- To manage sub-directorate in Environment Management (EIA section)
- To provide technical input on Environmental issues in the province, e.g. EIA decisions, Environmental Management Frameworks (EMFs), and other decision making support tools.
- Ensure quality on EIA reviews and issuance of Environmental Authorizations. (EA).
- Making recommendations on policy and legislative options.
- Handle queries from the applicants and consultants.
- Manage appeal process.
- Ensure co-operative governance. (Engagements with local municipalities and metros on environmental planning issues, to assist in compliance with the NEMA regulations and also deliberate on legislations and by-laws).
- Policy formulation and guidelines (commenting and developing policies and guidelines for national as well as provincial)

Key Roles

- Provide strategic direction and leadership to the sub-component.
- Management of sub-program work :
 - Stakeholder management
 - Ensure planning, scheduling, evaluating etc.
 - Ensure work is carried out according to quality standards.
- Overseeing strategic projects.
- Lead planning process (strategy, business planning and budgeting).
- Management of Human Resources.
- Management of Financial Resources.
- Management of Administrative Systems within subcomponent.
- Coordination with other sub-programs and with rest of departments on joint work.
- Coordination with other departments on aspects of work.

**DISTRICT ENVIRONMENTAL SPECIALIST- PIET RETIEF
EMPLOYER: MONDI BUSINESS PAPER (2006-2006)**

The duties are similar to the one listed below, but with extra responsibilities. The company is FSC certified and uses ISO 14001, OHSAS 18001 and NOSA. The above systems were used as standards to ensure compliance with relevant applicable laws in South Africa.

- Update the Environmental Conservation Database (ECDB) monthly.
- Audit and monitor contractors work in conservation areas using GIS tools.
- Ensure the integration of social values and the Environment: People's needs and the Environmental needs.
- Participate in multi stakeholders meetings.
- Coordinate internal Audit for the district.
- Manage contractor: Wetland Delineation contractor plans vs. actual and process payments thereof.
- Wetland management and rehabilitation.

- Environmental Awareness.

SENIOR ENVIRONMENTAL SPECIALIST (LIMPOPO DISTRICT PLANTATIONS)
EMPLOYER: SAFCOL - KOMATILAND FOREST PTY, NELSPRUIT
(February 2005- April 2006)

Since the company was certified to FSC and use ISO 14001 following were the duties:

- Ensure compliance to Environmental Management System (EMS) in the plantations.
- Undertaking EIAs using Integrated Environmental Management procedure.
- Compile EMPs for the activities that may have impact to the environment
- Erosion controls
- Wetland delineation and water course management
- Management of open areas(conservation areas)
- Monitoring of Red Data species
- Ensure environmental awareness to the remote areas and surrounding communities
- Inspect and advice in alien plants and weed control with respect to the use of chemicals
- Waste management
- Environmental auditing
- Ensure compliance to NEMA, ECA, NWA (especially stream flow reduction activities SFRA) and other applicable legislations.
- Annual map updates using GPS for GIS purposes
- Ensure compliance to the conservation management plan of the company.
- Assist in water quality monitoring program to minimize the impact to rivers and streams inside and surrounding plantations.
- Conduct site inspection with relevant authorities for any significant change of land use.
- Attend and participate in workshops and stakeholders meeting.
- Manage and rehabilitate the burrow pits (gravel pit).
- Write report to the Manager after every plantation visit or inspection

NATURE RESERVE MANAGER
BEN LAVIN NATURE RESERVE, LIMPOPO
DURATION: 2002 - 2005

As a Nature Reserve Manager my duties were:

- **Planning and budgeting.**
- Supervise the personnel and general workers on a daily basis.(13 staff members)
- Animals rehabilitation programs
- Alien plants control
- Environmental education
- Plan and coordinate commemoration of environmental days to local schools.
- **Financial management using Pastel accounting program version 7**
- Ensure the effective marketing of the business (14 accommodation units).
- Combating poaching.
- Attend stakeholder meetings and workshops.
- Compile monthly report for board meeting on monthly basis.
- Ensure that all three camps are well maintained.
- Events management and planning.
- Office Administration.

**JUNIOR ENVIRONMENTAL OFFICER:
DEPARTMENT OF WATER AFFAIRS AND FORESTRY (MAKHADO) LIMPOPO
ON VOLUNTARY BASIS FOR 6 MONTHS (2001)**

As an Environmental Officer, the following were covered:

- Wetland delineation
- Case study on waste disposal
- Environmental degradation
- Erosion Control System
- Conservation Management and Planning

SKILLS AND PROJECTS MANAGED

- Organizing, Presentation Skills, Listening skills, Counseling, Computer, leadership skills and project management skills.

COMMUNITY DEVELOPMENT

- Worked in collaboration with Nkuzi Community Development Association as an advisor on Environmental issues.
- Worked with Tshivhase Community Development Trust as an advisor on Tourism development and Natural Resources utilization.

FORUMS AND COMMITTEES

- Member of Soutpansberg Biosphere Reserve (DEAT MAKHADO) (2003-2005)
- Member of Stream Flow Reduction Activities – Licensing Authority Advisory Committee (SFRA-LAAC) DWAF Mpumalanga.(2005-2006)
- Member of Mpumalanga Wetland Forum (DWAF) (2005-2006)
- Member of Haenertsburg Environmental Monitoring and Action Group (HEMAG)(2005-2006)
- Member of Wolkberg to Woodbush Conservation Forum (2005-5006)
- Member of Biological Control Committee (DWAF) (2005-2006)

**PROJECTS MANAGED FROM COMPETANT AUTHORITY (EIA REVIEW BODY –
DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT)**

- GAUTRAIN PROJECTS – ENSURE STRATEGIC REVIEW ON APPLICATIONS PERTAINING TO GAUTRAIN.
- JUNCTION 21 DEVELOPMENT CORRIDOR ALONG R21
- EKURHULENI ENVIRONMENTAL MANAGEMENT FRAMEWORK, COMPLETED IN 2008.
- WESTERN UTILITIES – MINE WATER RECLAMATION AND DECANTING.
- KUSILE RAILWAY STATIONS – MANAGED COMENTING RESPONSIBILITY ON THE PROJECT.

REFEREES

1. Adv. J. NESIDONI
DEPUTY DIRECTOR GENERAL: DEPT OF AGRICULTURE AND RURAL
DEVELOPMENT.

TEL: 011 355 1317
CELL: 082 559 5704/ 082 414 5266

- 3 Mr. L. MUDIMELI
SENIOR EXECUTIVE: KOMATILAND FOREST (SAFCOL)

TEL: 012 481 3735
CELL: 082 804 9311