

CURRICULUM VITAE

Name:	Brian Peter Whitfield
Nationality:	South African
Date of Birth:	20 October 1977
Profession:	Environmental Scientist / Environmental Assessment Practitioner
Professional Qualification/ Training:	BSc (Botany and Zoology); University of the Witwatersrand, 1998 BSc Honours (Botany); University of the Witwatersrand, 1999
Professional Membership/ Registrations:	Registered Professional Natural Scientist (SACNASP- #400447/13). Registered Environmental Assessment Practitioner - EAP (2022/4496) with the Environmental Assessment Practitioners Association of South Africa (EAPASA)
Current Employer:	Environmental Impact Management Services (Pty) Ltd.

KEY EXPERIENCE

Brian is a senior project manager at EIMS and has over 19 years of experience as an EAP. He holds a BSc (Botany and Zoology) and a BSc Honours degree in Botany from the University of the Witwatersrand. Brian is a registered Professional Natural Scientist with the South African Council for Natural Scientific Professions (400447/13) and a registered EAP (2022/4496) with the Environmental Assessment Practitioners Association of South Africa (EAPASA). Brian's broad range of experience includes managing and/or undertaking projects in various sectors, including Energy, Mining, Oil and Gas, Water and Infrastructure. He is conversant with the South African environmental legislation as well as sustainability auditing, including Equator Principles, IFC Performance Standards and World Bank EHS guidelines. Brian's other experience includes Site Assessments, Water-use licensing, Environmental Monitoring and Auditing, Due Diligence Assessments, Competent Persons Reporting, Environmental Management Plans and Strategic Environmental Assessments.

CAREER SUMMARY

Period: May 2014 - Current	Organisation: EIMS	Position: EAP and Project Manager
Key Projects/Assignments	Project Management including but not limited to the following key projects: <ul style="list-style-type: none"> • Thungela Lephalale Coal Bed Methane Project (LCBM) – onshore gas production project (EIA, WUL, AEL) • Harmony Gold Full-time Secondment • Tetra4 (Renergen) Cluster 2 expansion - onshore gas production project (EIA, WUL, AEL) • Elandsfontein Colliery expansion of coal mining operations (EIA, WML, IWUL, EMPr Amendment) • Ilima Colliery EIR/EMPR Amendment Application 	



	<ul style="list-style-type: none"> • Mbuyelo Manungu Colliery expansion of coal mining operations (EIA, WML, IWUL) • Transnet Capital Projects Full-time Secondment • Mooiplaats Colliery expansion of underground coal mining operations (EIA, WML, IWUL) • Tetra4 Virginia Regional General Authorisation • Environmental Due Diligence and Competent Persons Reporting for Coal Mining assets (South 32, HCI Coal, Anker Coal) • Menar Kookfontein Prospecting Right Application • Sungu Sungu Dannhauser Oil and Gas Exploration Application • Sungu Sungu ER313 Oil and Gas Exploration Application • Eskom Real Estate (ERE) Waste Management Plan • Eskom Dolos Giraffe Substation BA • PH Bagale Lichtenburg Hospital BA • Old Mutual Properties Zonkizizwe Mixed Use Development Advisory Services • EMPR Performance Assessment audits on a number of Collieries • Water Use Licence external audits for mines, power stations, etc • Cennergi Tsitsikamma Community Wind Farm Annual External Audit (including IFC/World Bank compliance) • Cennergi Amakala Emoyeni Wind Farm Annual External Audit (including IFC/World Bank compliance) • Thabametsi Power Station Lenders Environmental Technical Advisor • Eskom Wittekleibosch Powerline and Substation Construction Audits • Eskom Dedisa Grassridge Powerline Construction Audits • Eskom Aries-Garona 400kV Powerline (EIA, WUL) • Various audits for Eskom Power Stations <p>Mentoring and Quality Control</p> <ul style="list-style-type: none"> • Responsible for mentoring consultants on enviro-legal processes, project management, etc. • Quality review of reports to ensure compliance with legislation, guidelines, etc. 	
<p>Period: 1 February 2023 to 31 August 2023</p>	<p>Organisation: EIMS (Full time secondment to Harmony Gold Mining Company Limited)</p>	<p>Position: Environmental Manager for Harmony Central Projects</p>
<p>Key Projects/Assignments</p>	<p>Secondment on a full-time basis to Harmony Central Projects to oversee and manage the various environmental authorisation applications initiated by Harmony Central Projects. The services included but not limited to:</p> <ul style="list-style-type: none"> • Ensuring that the various consultants appointed for the environmental authorisation applications undertook the applications within the specified 	



	<p>timeframes and to a high standard acceptable to Harmony as well as the relevant authorities.</p> <ul style="list-style-type: none"> • Undertaking regular progress meetings with the appointed consultants to monitor progress. • Undertaking regular progress meetings with project leads within Harmony. • Providing updates to relevant sections of the Harmony Steering Committee meeting presentations. • Liaising with the relevant authorities to ensure that decisions were issued within acceptable timeframes. <p>The following projects under environmental authorisation and water use licence applications were managed:</p> <ol style="list-style-type: none"> 1. Free State North 1 Pipeline Project 2. Free State South 6 Pipeline Project 3. Mispah Pipeline Project 4. Kalgold Mine Extension Project 5. Kusasalethu Pipeline Project 6. Freddie's 9 Pipeline Project 7. Kareerand Pipeline Project 8. Nooitgedacht New Tailings Storage Facility Project 9. Valley Tailings Storage Facility Project 	
<p>Period: August 2012 – May 2014</p>	<p>Organisation: EIMS (Full time secondment to Transnet State Owned Company Limited)</p>	<p>Position: Transnet Capital Projects Environmental Manager</p>
<p>Key Projects/Assignments</p>	<p>Transnet Capital Projects (TCP) Environmental Manager on the New Multi-Product Pipeline (NMPP) Project under the umbrella of the Centre of Excellence. The project included the following aspects:</p> <ul style="list-style-type: none"> • Pipeline 1: 554km of pipeline construction (30m wide servitude) from Durban Harbour (Island View) to Heidelberg (Gauteng) including construction of 2 Terminals, 3 Pump Stations and 2 Metering Stations. • Pipeline 2&3: 72km of Pipeline construction (30m wide servitude) from Jameson Park Terminal (Gauteng) via Alrode Terminal to Langlaagte Depot (Gauteng). • Pipeline 4: 89km of Pipeline construction (30m wide servitude) from Kendal Power Station (Mpumalanga) to Waltloo Terminal (Gauteng). <p><u>Responsibilities:</u> The following responsibilities applied to this position:</p> <ul style="list-style-type: none"> • Develop and implement a plan and strategy to address the closeout of environmental components of the project. • Facilitate, co-ordinate and manage the environmental closeout and handover process of the project: <ul style="list-style-type: none"> ○ Facilitate the environmental execution of the reinstatement and rehabilitation of the Right of Way servitude (Wetland, erosion, grassing, etc); 	



	<ul style="list-style-type: none"> ○ Manage and ensure the landowner signoff of each property that has been obtained; ○ Ensure that all the required documents for handover have been prepared and are ready for handover to Transnet Pipelines (TPL); ○ Ensure all environmental risks are captured on the risk register and that all risks are mitigated and closed out; ○ Ensure that all actions from Community Liaison Forums (CLF's) and any other meetings are closed out. ● Plan, monitor and control the allocated budget. ● Ensure compliance with all conditions of the Environmental Authorisation (EA), permits, licenses, etc. ● Oversee the environmental performance of all contractors: <ul style="list-style-type: none"> ○ Ensure that all relevant information is shared with the contractor; ○ Ensure quality control of all environmental services. ● Visit and check all sites to ensure that the work is being undertaken as required by the EA and Environmental Management Plan (EMP). ● Facilitate environmental communication and engagement with internal and external stakeholders: <ul style="list-style-type: none"> ○ Interface with Interested and Affected Parties (I&AP's) where required; ○ Chair and facilitate regular feedback meetings with TPL and the environmental team; ○ Liaise with Government Departments as required; ○ Regularly meet with the Project Directors of the various teams on the project to ensure that environmental management is being adequately addressed. ● Provide the necessary environmental input into designs, plans, etc. ● Prepare environmental opinions and interpretations as and when required. ● Sign off all Independent Environmental Audit reports. ● Prepare and submit monthly progress and cost reports to various Executive Committee Members. ● Support and manage the environmental team. 	
Period: 19 May 2008 to 31 July 2012	Organisation: EIMS	Position: ECO Manager and Independent Environmental Auditor to the Transnet NMPP Project
Key Projects/Assignments	<u>Responsibilities:</u> <ul style="list-style-type: none"> ● Manage team of Environmental Control Officers (10 individuals at peak of project construction) as well as acting as Independent Auditor during period of the project. ● Assist with all permits and applications where applicable on the project e.g.: borrow pits, water use licenses (WUL), etc. including but not limited to: 	



	<ul style="list-style-type: none"> ○ The compilation of 40 borrow pit (mining permit) applications with 9 permits issued (others cancelled for various reasons). Closure applications for the 9 permits have additionally been undertaken. ● Educate the construction team about the management measures of the EMP's and ROD's/EA's. ● Regular liaison with the construction team and the project leader. ● Recommend corrective action for any non-compliance incidents on the construction site. ● Consult with the I&AP's and the contractor where required by the EMP. ● Comment on damage claims from the public. ● Notify affected parties of changes to the construction programme should they be involved. ● Ensure open communication channels between the affected parties and the contractor and respond promptly to queries and claims. ● Develop a monitoring and auditing programme which is implemented for the duration of the construction phase of the project to monitor compliance with the conditions of the EMP's and RoD's/EA's. The management of this programme includes: <ul style="list-style-type: none"> ○ Ensure ECO's conduct daily audits in identified sensitive areas; ○ Ensure ECO's conduct weekly audits in their respective areas; ○ Compilation of a monthly audit report with a rating of the compliance with the EMP. This report is submitted to the relevant competent authorities including: <ul style="list-style-type: none"> ▪ Department of Environmental Affairs (DEA); ▪ Gauteng Department of Agriculture and Rural Development (GDARD); ▪ Department of Water Affairs (DWA – National). ○ Ensure ECO's keep a photographic record of any damage to areas outside the demarcated site area. The date, time of damage, type of damage and reason for the damage is recorded in full to ensure the responsible party is held liable; ○ Provide ad hoc advise and clarification on compliance issues to the responsible contractor; ○ Maintain records of compliance / non-compliance with the conditions of the authorizations and make available to competent authorities on request; ○ Assist the contractors in the identification of suitable contractors camp sites and delineation of environmental sensitive areas; ○ Review and approval of Environmental Awareness Training to be undertaken by the contractors or other suitable service providers. 	
Period: July 2004 to 19 May 2008	Organisation: EIMS	Position: Environmental Consultant



Key Projects/Assignments	Was involved in and managed numerous projects during this time. A detailed list can be provided on request.
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LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Fair	Fair

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.



Signature of Staff Member

2024-07-04

Date

CURRICULUM VITAE

Name: 	Qaphela Magaqa
Date of Birth	16 July 1998
Profession	Environmental Consultant
Professional Qualifications	BSc Honours Geographic Information Systems; Nelson Mandela University; Port Elizabeth; 2019.
	BSc Geosciences (Majors: Geography and Geology); Nelson Mandela University; Port Elizabeth; 2019.
Professional Registrations	Candidate EAP (EAPASA Ref: 2022/6016) - Upgrade in Progress Certificated Natural Scientist (SACNASP Ref: 148967)
Current Employer	Environmental Impact Management Services (Pty) Ltd.

EDUCATION SUMMARY

Qaphela holds a BSc Geosciences degree (Geography and Geology), 2019 and a BSc honours degree in Geographic Information Systems (GIS) from the Nelson Mandela University (Port Elizabeth, South campus), 2019.

KEY EXPERIENCE

Qaphela is an Environmental Consultant with 4 years' experience. His expertise lies in environmental management, GIS, Research, waste management, auditing, and reporting. Mr. Magaqa has been involved on various projects which included but are not limited to waste management and advisory, GIS analysis and mapping, environmental compliance monitoring and Water Use License monitoring, Water Use License Applications, environmental authorisation applications, public participation in various industries such as mining, oil and gas, construction, and engineering.

CAREER SUMMARY

Period: February 2022-Present	Organisation: EIMS (Environmental Impact Management Services)	Position: Environmental Consultant
Key Projects/ Assignments	<p><u>Project Experience:</u></p> <p><u>Environmental Authorisation Applications</u></p> <ul style="list-style-type: none"> • Tetra4 33kV and 132kV Powerline Application – Free State • Harmony Kareerand Return Water Pipeline Application – North West • Sibanye WLTR Plant Retrofitting and Remining Infrastructure Application – North West • Kelvin Power CCGT EIA • Glencore Wonderkop PV Facility EIA <p><u>Environmental Compliance/Auditing:</u></p>	



- SANRAL N2 Wild Coast Toll Highway – Southern Greenfields Section (Msikaba Bridge) - Eastern Cape
- Tetra4 Cluster 1 Gas Production – Free State
- ENEL Green Power Adams Solar PV2 WUL Audit – Northern Cape
- BMM Aroams Prospecting Right Audit – Northern Cape
- BMM Doorknie Prospecting Right Audit – Northern Cape
- Eskom Rockdale B Projects ECO - Mpumalanga
- Tlowana Calcination Plant ECO - Mpumalanga
- Vorna Valley Phase 2 ECO - Gauteng
- Eskom 132kV Woestaleen/Chikadee Powerline Construction ECO – Mpumalanga

Financial Provision & Final Rehabilitation, Decommissioning and Mine Closure Plan (FRDCP):

- BMM Aroams Prospecting Right Renewal Application
- BMM Aroams Prospecting Right Renewal Application

WUL Applications:

- Sibanye WLTR Plant Retrofitting and Remining Infrastructure WUL – North West
- Harmony Kareerand Return Water Pipeline WUL – North West
- Tetra4 33kV and 132kV General Authorisation –Free State

Public Participation:

- Public Participation Consultant for Sterkfontein Waterval Poultry BA
- Public Participation Consultant for Tetra4 Powerline S24G application
- Public Participation Consultant FFS Durban AEL Transfer/Amendment Application
- Public Participation Consultant FFS Pietermaritzburg AEL Renewal
- Eco Atlantic/Azinam Block 2B Drilling Stakeholder Engagement Public Participation Consultant
- Public Participation Consultant Searcher Reconnaissance Permit (Basic Assessment)
- Public Participation Consultant for Tetra4 Phase 2 Basic Assessment and WULA
- Public Participation Consultant for Mulilo Struisbult PV2 Grid Connection BAR (Basic Assessment Report)

GIS Mapping:

Qaphela conducts GIS mapping and analysis for various EIMS projects.



Period: February 2021- January 2022	Organisation: Abantu Environmental Consultants (Pty) Ltd	Position: Junior Environmental and GIS Consultant
Key Projects/ Assignments	<ul style="list-style-type: none"> • Junior environmental and GIS consultant for the Complimentary Waste Management Services to inland region (Bhisho/King William’s Town) of Buffalo City Municipality <ul style="list-style-type: none"> ○ GIS Profiling of illegal dumpsites ○ Recommendations on required waste infrastructure to achieve waste minimisation ○ Advice on potential stakeholder collaborations towards sound waste management • Junior EAP (Environmental Assessment Practitioner) for the restoration of the Stutterheim landfill site <ul style="list-style-type: none"> ○ Landfill operations ○ General waste advisory ○ Operational manual development ○ Compliance auditing with permit conditions • Junior EAP for the proposed Dolerite Mine near Gubu Dam. • Junior EAP for the proposed Dolerite Mine near Sandile Dam. • Junior EAP for the Stutterheim to Keiskammahoek Road Upgrade Basic Assessment and WULA. • Junior EAP for the Langbos Bulk Water Supply and Sewer Pipelines Basic Assessment. 	
Period: November 2019 – May 2020 and September 2020 – October 2020	Organisation: Point of Interest (Pty) Ltd	Position: Data Capturer and Controller in GIS
Key Projects/ Assignments	<ul style="list-style-type: none"> • Conduct quality checks on data captured onto OVVIO online portal • Capture property specific data into OVVIO online portal • GIS related tasks (Data preparation, Digitizing, and Spatial data updates) 	



LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
IsiXhosa	Excellent	Excellent	Excellent

DECLARATION

I confirm that the above information contained in the CV is an accurate description of my experience and qualifications at the time of signature.

2024/07/05

Signature of Staff Member

Date

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2022/4496

Herewith certifies that

Brian Peter Whitfield

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 2024

Expires: 28 February 2025

Chairperson

Registrar



EAPASA

Unit 19 Oxford Office Park
3 Bauhinia Street
Highveld Techno Park
Centurion
0157
Tel. (+27) 12 880 2154

Environmental Assessment Practitioners Association of South Africa

Advancing environmental assessment practice in South Africa



Email: registrar@eapasa.org / Website: www.eapasa.org

Mr Qaphela Magaqa
8 Dalmeny Road
Pine Park, Randburg
Johannesburg
2194

Sent by email to: qaphela@eims.co.za

Dear Mr Magaqa

**Candidate Environmental Assessment Practitioner: Number 2022/6016
Qaphela Magaqa : South African ID 9807165359083**

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Qaphela Magaqa is a Candidate Environmental Assessment Practitioner (EAP) in accordance with the prescribed criteria of Regulation 15.(2) 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).

Your registration is duly authorised by EAPASA as the single Registration Authority for EAPs in South Africa (appointed as per Regulation No. 104, Gazette No. 41434 of 8 February 2018, in terms of section 24H(3)(a) of the NEMA). Your status as a Candidate EAP is displayed in the 'EAP Register' - please find your name and contact email address at

<https://registration.eapasa.org/registered-practitioners>

As part of your Continuing Professional Development, you are encouraged to be part of the EAPASA Mentorship Programme. Your review during the upgrade to Registered EAP will be contingent on you having met the requirements of EAPASA's Mentorship Programme.

As a Candidate EAP you are required to uphold the EAPASA Code of Ethical Conduct and Practice in your professional endeavours, towards the goal of quality assurance in environmental assessment practice.

Please accept my congratulations on your registration.

Best regards

Dr Patrick Sithole
Registrar

Date: 31 December 2022

*Board Members: Ms Snowy Makhudu (Chairperson), Dr Khangwelo Desmond Musetsho (Vice-Chairperson),
Mr Zama Dlamini, Ms Jacqui Hex, Ms Minnette Le Roux, Ms Thato Moeeng,
Ms Jennifer Molwantwa, Mr Phumudzo Nethwadzi, Mr Danie Neumann,
Mr Khathutshelo Tshipala, Ms Lethogonolo Tungamirai
Registrar: Dr Patrick Sithole
NPO Reg. No. 122-986*

herewith certifies that

Brian Peter Whitfield

Registration Number: 400447/13

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 (Professional Natural Scientist)

Effective **20 November 2013**

Expires **31 March 2025**



Chairperson

Chief Executive Officer



herewith certifies that

Qaphela Magaqa

Registration Number: 148967

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 (Certificated Natural Scientist)

Effective **8 March 2023**

Expires **31 March 2025**



Chairperson

Chief Executive Officer

