

CURRICULUM VITAE

Name:	Qaphela Magaqa
Nationality:	South African
Date of Birth:	16 July 1998
Profession	Environmental Consultant
Professional Qualification/ Skills	BSc Honours Geographic Information Systems; Nelson Mandela University; Port Elizabeth; 2019.
	BSc Geosciences (Majors: Geography and Geology); Nelson Mandela University; Port Elizabeth; 2019.
Current Employer	Environmental Impact Management Services (Pty) Ltd.

EDUCATION SUMMARY

Qaphela obtained a matric National Senior Certificate in 2015 with a bachelor and three distinctions. He holds a BSc Geosciences degree (Geography and Geology), 2019 and a BSc honours degree in Geographic Information Systems from the Nelson Mandela University (Port Elizabeth, South campus), 2019.

KEY EXPERIENCE

Qaphela has worked in the capacity of a GIS data capturer and controller for 9 months, where he did quality control on data captured via an online GIS platform. He also performed other GIS related tasks such as data preparation, digitizing and updating spatial data. He has also worked as a Junior Environmental and GIS Consultant where he worked on various projects which included waste management and advisory, GIS, environmental compliance monitoring of landfill sites and environmental authorisation related work.

CAREER SUMMARY

Period: February 2022-Present	Organisation: EIMS	Position: Environmental Consultant
Key Projects/ Assignments	<p><u>Project Experience:</u></p> <ul style="list-style-type: none"> • Public Participation Consultant for Mooiplats colliery closure application; Ermelo; • Public Participation Consultant for Sterkfontein Waterval Poultry Basic Assessment; Sterkfontein; • Public Participation Consultant for Tetra4 Phase 2 Basic Assessment and WULA • Public Participation Consultant for SMEC Chartwell DD and BAR 	



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 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 Cedarville to Mt Frere Road Upgrade Basic Assessment and Mining Permit Burrow Pits 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.

Signature of Staff Member

Date

EAPASA

Unit 19 Oxford Office Park
3 Bauhinia Street
Highveld Techno Park
Centurion
0157
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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

CURRICULUM VITAE

Name:	Liam Michael Whitlow
Nationality:	South African
Date of Birth:	22 August 1978
Profession:	Environmental Scientist
Professional Qualification/ Training:	BSc Honours Environmental Management; Rand Afrikaans University (now University of Johannesburg), 2000
	Higher Certificate in Project Management; Damelin Business School, 2001.
	ISO 14001 Auditor Training; BVQI, 2003.
	Environmental Monitoring- Fallout Dust Training; Dustwatch, 2014.
	Aquifer Hydraulics and Groundwater Monitoring Certificate Course; North West University, 2014.
	Carbon Footprint Analyst Course; Terra Firma Academy, 2017.
Professional Membership/ Registrations:	Registered Environmental Assessment Practitioner: Number 2019/222 Registered Professional Natural Scientist (SACNASP- #400148/08). Member of Land Rehabilitation Society of Southern Africa (LaRSSA).
Current Employer:	Environmental Impact Management Services (Pty) Ltd.

KEY EXPERIENCE

Liam holds a B. Sc. Hons degree in Environmental Management and has completed an additional B. Sc. honours course in applied limnology. In addition he has completed a higher certificate in Project Management with Damelin Business School and a course on ISO14001 Auditing Principles and Environmental Management Systems Auditor Training. Liam is a registered professional natural scientist with the South African Council for Natural Scientific Professions. Liam's professional experience, gained over more than 17 years, lies mainly with environmental impact assessments including project managing significantly large EIA's in the mining and infrastructure sectors. Liam's other experience includes ISO14001, Site Assessments, Water-use licensing, Environmental monitoring, and Environmental Management Plans. Liam's experience lies mainly within South Africa but he has been involved in projects in both Lesotho and Botswana.

CAREER SUMMARY

Period: January 2011- Current	Organisation: EIMS	Position: Director, Senior Environmental Assessment Practitioner
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Key Projects/Assignments	<p><u>Technical Director:</u> Responsible for the technical management of EIMS including the following aspects:</p> <ul style="list-style-type: none">• Technical review and direction for complex projects;• Quality control and assurance;• Staff management and performance review;• Client management; and• Marketing and business development. <p><u>Project Experience:</u></p> <ul style="list-style-type: none">• Transnet Multi-products Pipeline (~650km total length) in Gauteng, Mpumalanga and between Durban and Johannesburg, RSA. Project manager and Environmental Advisor to the New Multiproduct Pipeline (NMPP) Alliance for the monitoring of construction phase. 2009-2017.• Olifants River Water Resources Development Project, Steelpoort, Mpumalanga, RSA. EIMS was appointed to undertake the required environmental monitoring (noise, air quality, and water quality) for the construction of the Phase 1C of the bulk water pipeline. Project manager, 2012-2017.• GSW Dilokong Chrome Mine Due Diligence, Limpopo, RSA. Environmental lead to undertake an environmental due. 2017.• Tshipi é Ntle Manganese Mine Environmental Due Diligence, Kathu, Northern Cape, RSA. Project manager and senior consultant (in association with GSW) for an environmental review to inform a due diligence being undertaken. 2017.• Libra Due Diligence, Mpumalanga and Free State Province, RSA. Project manager and senior consultant to conduct a high level environmental review and due diligence study for the Anglo Libra project (incl various Anglo Coal assets) for Mindset Mining Consultants, 2016.• Sedgman Environmental Training, Pretoria, RSA. Compiled and presented a training workshop to Sedgman Engineers, focusing on the application and interpretation of the South African Environmental Laws, in relation to their operations and client profile. 2017.• EIA and EMP for the Transnet Richards Bay Coal Line: Overvaal Tunnel, Mpumalanga Province. Project manager, responsible for successful completion of the EIA. 2015-2016.• Tetra 4 Virginia Natural Gas Production, Water Monitoring, Free State, RSA. Project manager appointed to undertake surface and groundwater sampling to establish an environmental baseline and to monitor the actual impacts associated with the proposed natural gas production activities. 2015-2017.• Drafted the 2014-2019, 3rd Edition Environmental Management, Plan (compiled in terms of Section 11(2) of the National Environmental
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Management Act 1998 (act 107 of 1998), for the National Department of Energy. Project manager and report writer. 2014-2015.

- Environmental Advisory to the Government Technical Advisory Centre, Public Private Partnership Unit. Environmental lead in a team of consultants providing consulting services to report to the GTAC on the lessons learn from past PPP's and to suggest means of improving the process for future PPP's. 2015.
- Eskom Lambda 400-765kV Sub-station and Associated Transmission Lines, Mpumalanga, RSA. Project manager and Environmental Assessment Practitioner for EIA. 2010-2012.

Mine Closure and Financial Provisioning:

- Determined Financial Provisions in accordance with the 'Guideline Document for the Evaluation of the Quantum of Closure-Related Financial Provision' provided by a Mine (DMR Guideline): Mooiplaats Colliery 2018; Exxaro Paardeplaats Coal Mine- Update 2018.
- Final Rehabilitation, Decommissioning and Closure Plan (FRDCP) prepared in accordance with the requirements of the NEMA Financial Provisioning Regulations (2015) (NEMA GNR 1147): Tetra 4 Virginia Natural Gas Project, 2017; Motuoane Gas Hennenman Exploration Right-2017; Motuoane Gas Ladysmith Exploration Right- 2017; Sungu Sungu Dannhauser Exploration Right- 2016; Kangala Colliery- Eloff Phase 3 Pit-2020; Anker Coal Elandsfontein Colliery-2021.
- Review of closure plans and financial provisions for closure as a component of Due Diligence and/or Competent Persons Reports: Environmental Review for 5 large Coal mining operations held by Exxaro- 2018; Environmental Review for Dilokong Chrome Mine- 2017; Environmental Review for Tshipi Mine- 2017; Environmental Review on numerous large coal mines held by Anglo Coal-2016.

Environmental Monitoring:

- Project manager and senior environmental scientist for the construction phase environmental monitoring on the Olifants River Water Resources Project Phase 2C (bulk water pipeline). The project included monitoring of water (point and diffuse), air quality (PM10 and fallout dust), and noise to ensure and guide compliance with the environmental specifications of the construction phase EMPR.
- Project manager and senior environmental scientist for the water resource monitoring of the Tetra4 Virginia Natural Gas Production Project. This includes specialist low-flow sampling of dissolved gases in the groundwater as well as general water quality parameters in both regional ground and surface water resources.
- Project Director for the routine water resource (surface and groundwater) monitoring being undertaken for the United Manganese of the Kalahari



	(UMK), manganese mine in Northern Cape. Responsible for technical and quality review and oversight.	
Period: January 2002-December 2010	Organisation: EIMS	Position: Senior Environmental Assessment Practitioner
Key Projects/Assignments	<p>Project Manager and Environmental Assessment Practitioner for the following:</p> <ul style="list-style-type: none"> • Environmental applications, including EIAs, and mining permit applications, for various (7 Packages including N1, N3, N12, R21, and R24) Gauteng road upgrades as part of the Gauteng Freeway Improvement Project. EIMS was also appointed to undertake the role of Independent ECO's for certain GFIP Packages • EIA for OCGT Peaking Power Station within the Coega IDZ. • EIA for spent nuclear fuel storage facility at Pelindaba. • EIA for nuclear waste smelter at Pelindaba. • EIA and water-use licensing for an underground ash disposal facility in Mpumalanga Province. • EIA for the proposed upgrade of the effluent collection and treatment facilities at the South African Nuclear Energy Corporation, Pelindaba. • EIA for proposed Garona to Aries 400KV Transmission line. • EIA for numerous Golf Estates. • EIA for Market Street Underpass as part of the Provincial government Precinct and City Square (Johannesburg) CBD. • EIA's for numerous residential developments. • Scoping report for the Eskom Janus substation in Limpopo Province. • EIA's for low-cost housing developments in the East Rand, Ekurhuleni Metropolitan Council as part of the Regional Professional Team. • Environmental exemption process for a World Summit on Sustainable Development project, Moroka Dam, Gauteng Province. • Numerous environmental exemption applications for housing developments. • Environmental Scoping studies for Sentech telecommunication masts in Eastern Cape Province. • Environmental Studies for telecommunication facilities for Vodacom. • Environmental Studies for 150+ telecommunication facilities for Cell C and Siemens in five provinces. • Environmental Studies for Eskom Telecommunications. 	



	<p>Environmental Site Assessment and Remediation:</p> <ul style="list-style-type: none"> • Participation in several Environmental Site Assessments in Gaborone (Botswana) and Mpumalanga. <p>Strategic Environmental Assessment:</p> <ul style="list-style-type: none"> • Participation in the compilation of the Strategic Environmental Assessment for the Hartbeespoort Dam area. <p>ISO 14001 Environmental Management Systems and Auditing</p> <ul style="list-style-type: none"> • Participation in the compilation of the ISO 14001 system (legal register) for Coega Development Corporation, Eastern Cape Province. • Participation in the compilation of the ISO 14001 system (legal register) for Matimba Power Station in Limpopo Province. <p>Mining Related Permits and Rights</p> <ul style="list-style-type: none"> • Environmental Management Programme and EIA for the Cranemere Gas Exploration Project in the Eastern Cape Province. • EIA and EMPR for the proposed Loopspruit Coal Mine, Mpumalanga Province. • Project Manager for in excess of 40 mining permit applications for the Transnet New Multi-products Pipeline, Inland and Trunkline (between Johannesburg and Durban). Applications submitted in 4 different provinces. • Project Manager for 5 Mining Permit Applications for the South African National Roads Agencies Gauteng Freeway Improvement Project. <p>Numerous NEMA Section 24(G) Rectification applications for a broad spectrum of developments</p>
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LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Good

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.



 Recoverable Signature

X 

Liam Whitlow

Director

Signed by: 6f6103b0-585d-4fda-855e-bdf53a161a41

Signature of Staff Member

Date



Registration No. 2019/222

Herewith certifies that

Liam Whitlow

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 2022

Expires: 28 February 2023

Chairperson

Registrar

