



ARCUS

VOLUME I: APPENDIX A

ARCUS PROFESSIONAL CURRICULUM VITAE

CURRICULUM VITAE

Ashlin Bodasing

Technical Director and Environmental Assessment Practitioner

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Specialisms

- Environmental Impact Assessments
- Environmental Management Plans
- Environmental Feasibility Studies
- Environmental Due Diligence and Compliance
- Client Relationship Management

Summary of Experience

Ashlin Bodasing is a Technical Director at Arcus Consultancy Services South Africa (Pty) Ltd. She manages the Arcus South African office and the team based in Cape Town. Having obtained her Bachelor of Social Science Degree (Geography and Environmental Management) from the University of Kwa-Zulu Natal; she has over fourteen years' experience in the environmental consulting industry in southern Africa. She has gained extensive experience in the field of Integrated Environmental Management, environmental impact assessments and public participation. She has also been actively involved in a number of industrial and infrastructural projects, including electricity power lines and substations; road and water infrastructure upgrades and the installation of telecommunication equipment, green and brown field coal mines, as well as renewable energy facilities, both wind and solar. Ashlin has excellent Project Management experience and has gained major project experience in the development of Environmental Impact Assessments, Environmental Management Plans and the monitoring of construction activities. Her areas of expertise include project management, environmental scoping and impact assessments, environmental management plans, environmental compliance monitoring and environmental feasibility studies. Experience also includes International Finance Corporation Performance Standards and World Bank Environmental Guidelines environmental due diligence reviews. She has worked in Mozambique, Namibia, Botswana, Lesotho and Zimbabwe.

Professional History

- 2017 – Present** – Technical Director, Arcus Consultancy Services South Africa
- 2015 - 2017** – Team Leader, Arcus Consultancy Services Ltd
- 2012 – 2015** – Lead Environmental Officer, Tweefontein Optimisation Project, Glencore / Xstrata Coal Mine, Witbank, Mpumalanga, South Africa (secondment)
- 2007-2015** - Senior Environmental Assessment Practitioner, Parsons Brinckerhoff Africa
- 2005-2007** – Environmental Consultant, WSP Environment and Energy

Ashlin spent over 2 years at the Glencore (previously Xstrata Coal SA) – Tweefontein Optimisation Project, as the sole environmental officer permanently on site overseeing all their construction projects, ensuring contractor compliance to EMP and Environmental Authorisations. This included the construction of the internal and external infrastructure packages. Roles include ensuring all construction and development are in line with the EIA and EMP for the project. Areas of responsibility include the Mine Infrastructure Area, the Explosives Magazine Area, construction of a secondary school, construction of residential houses, and the rail load out facility. Role also included review of environmental impact assessment applications and reports submitted to the department of environmental affairs for the project.

Qualifications and Professional Interests

- **University of Kwa-Zulu Natal, 2004**
Bachelor of Social Science (Geography and Environmental Management)

Project Experience

- **Environmental Impact Assessments**
• **Highlands North, South and Central Wind Energy Facilities, 2018-present.**
Project Director (client liaison) and Lead EAP.

CURRICULUM VITAE

- **Paulputs Wind Energy Facility, 2018-present.** Project Director (client liaison) and Lead EAP.
- **San Kraal Wind Energy Facility, 2016- 2018.** Project Director (client liaison) and Lead EAP.
- **Phezukomoya Wind Energy Facility, 2016 – 2018.** Project Director (client liaison) and Lead EAP.
- **Kolkies and Karee Wind Energy Facilities, 2016-2016.** Project Director (Client liaison) and Lead EAP.
- **Komsberg East and West Wind Energy Facilities 2015-2016.** Project Director (Client Liaison) and EAP.
- **Umsinde Emoyeni Wind Energy Facilities, 2015-2018.** Project Director (Client Liaison) and EAP.

Ecological Impact Assessments and Monitoring

- **Confidential Wind Farm, 2017-2018, Northern Cape Province.** Project Director (Client Liaison), coordination and management of ecologists (bird and bat), review of technical and specialists impact assessments.
- **Paulputs Wind Energy Facility 2017-present, Northern Cape Province.** Project Director (Client Liaison), coordination and management of ecologists (bird and bat), review of technical and specialists impact assessments.
- **Highlands Wind Energy Facilities 2017 – 2018, Northern Cape Province.** Project Director (Client Liaison), coordination and management of ecologists (bird and bat), review of technical and specialists impact assessments.
- **Komsberg Wind Farms, 2015-2016.** Project Director (Client Liaison), coordination and management of ecologists (bird and bat), review of technical and specialists impact assessments.
- **Kolkies and Karee Wind Energy Facilities 2015-2016.** Project Director (Client Liaison), coordination and management of bird and bat specialists and review of technical and impact assessment reports.
- **Umsinde Wind Energy Facilities, Additional Bird Monitoring.** Project Director. Coordination and management of bird specialists and review of technical reports.
- **Kap Vley Wind Energy Facility, Bird and Bat Pre-Construction Monitoring.** Project Director. Coordination and management of bird and bat specialists, review of technical reports.
- **Highlands Wind Energy Facility, Bird and Bat Pre-Construction Monitoring.** Project Director. Coordination and management of bird and bat specialists, review of technical reports.
- **Hopefield Wind Farm –Operational Monitoring.** Project Manager. Coordination and management of bird and bat specialists, review of technical reports.
- **Gouda Wind Farm – Operation Monitoring.** Project Director. Coordination and management of bird and bat specialists, review of technical reports.

Feasibility Studies and Due Diligence Reviews

- **Ecological due diligence for IFC PS6 – Wind Energy Developments:** Project Manager. Review and reporting on bird and bat specialist reports to IFC/World Bank Standards – Various sites across South Africa.
- **Power Plant – Ghana.** Project Manager Compilation of environmental due diligence for refinancing, IFC and World Bank Standards, on behalf of Botswana Development Corporation.
- **Ecological Feasibility Study.** Project Director. Review of the feasibility of a site for a wind energy facility in relation to bats.
- **Environmental Feasibility Study.** Project Director and EAP. Review of a proposed site for the development of industrial facility.

Previous Project Experience

CURRICULUM VITAE

Environmental Scoping and Impact Assessments and Project Management for:

- eThekweni Municipality
- Moreland Developments
- RBCH – Bulk Materials and Handling Facility
- SAPREF
- Mittal Steel Permit Amendment
- Transnet Projects
- ArcelorMittal South Africa
- MCA-Lesotho
- Talbot Group Holdings (Australian Mining Company)
- Ncondezi Energy – Mozambique

Environmental Management Plans and Compliance Monitoring

- Nongoma Road Monitoring – Compliance Monitoring
- eThekweni Municipality - Taxi Holding Areas: Canberra Road and Umgeni Road Compilation of the EMP; and Bi-monthly compliance monitoring (site visits) and reporting.
- EMP for Kwezi V3 - Kwamashu Fuel Tank Exemption
- eThekweni Municipality - Ridgeview Road – Compliance Monitoring
- eThekweni Municipality and Merz and McLellen - Phoenix Overhead Transmission Lines – Compliance Monitoring
- eThekweni Municipality and Merz and McLellen - E8546 E8699 Compliance Monitoring
- eThekweni Municipality and Merz and McLellen - Environmental Assessment and EMP
- EMP for eThekweni Municipality - Parlock Switching Station

Training and Auditing

- Petronet Alien Plant Training - Compilation of the training material for alien plant identification and removal methods.
- eThekweni Municipality - Taxi Holding Areas – Canberra and Umgeni Road - Contactor and workforce training.
- eThekweni Municipality - Kingsway Road Taxi Rank - Contactor and workforce training.

Environmental Reviews / Terms of Reference

- Biotherm Energy - Environmental Project Manager: Independent review of environmental impact assessment reports and management plans compiled for 3 wind farms in the Western Cape and 2 PV Solar Plants in the Northern Cape, to ensure compliance to IFC and World Bank Standards.
- Government of Zimbabwe – Hwange Power Station - Environmental Project Manager: Compilation of the Terms of Reference for Environmental Management Plan and Environmental and Social Audit of the Hwange Power Plant in Zimbabwe.

Pre-Feasibility Studies

- Pre-feasibility studies for eThekweni Municipality, Investec, Sekoko Coal Resources, Mulilo, Sekoko Mining and MCA-Lesotho for renewable energy, coal mines and power plants.

CURRICULUM VITAE

Ashleigh Blackwell

Senior Environmental Consultant & Project Manager

Email: AshleighVDH@arcusconsulting.co.za Cell: +27 (0) 79 895 1456



Specialisms

- Project Manager
- Environmental Permitting
- Environmental Licencing
- Project Participation
- Client Engagement
- Review and
- Due Diligence / Auditing

Summary of Experience

Ashleigh Blackwell is a Senior Environmental Consultant and Project Manager at Arcus Consulting, Cape Town. She is a registered SACNASP Environmental Consultant with 5.5 years working experience in the environmental sector, namely the Renewable Energy and Mining sectors. In addition, she has reporting experience for the International Finance Corporation (IFC) and Equator Principles (EP) Performance Standards and the World Bank Environmental Guidelines in Africa. Ashleigh has a proven track record in managing environmental projects to the required quality standards, timeframes and budgets. Her core responsibilities include client management and project implementation, reporting and execution. Her day-to-day responsibilities include report review, stakeholder engagement and business development. Ashleigh completed her BSc (Hons) in Conservation Ecology at the University of Stellenbosch and is currently completing her MSc at the University of Witwatersrand and her Project Management Professional (PMP) Certification through the Project Management Institute (PMI). Ashleigh has attended certified workshops and training courses in Environmental Law, Environmental Waste Act Enforcement, Soil Survey and Soil Classification and Section 21 Water use Licencing.

Professional History

2020 – Present – Senior Environmental Consultant & Project Manager, Arcus SA (Pty) Ltd
2019 – 2020 – Senior Environmental Consultant & Project Manager, Kongiwe Environmental (Pty) Ltd.
2017 – 2019 – Environmental Consultant, Kongiwe Environmental (Pty) Ltd.
2016 – 2017 – Environmental Consultant, Savannah Environmental (Pty) Ltd.

Qualifications and Professional Interests

- **Shaw Academy, 2020**
Professional Diploma in Leadership and Management
- **Project Management Institute (PMI), 2020**
Project Management Professional
- **University of Witwatersrand, 2020 - 2021**
Master of Science: Environmental Science
- **Stellenbosch University, 2011 - 2015**
Bachelor of Science Honours Degree: Conservation Ecology

Recent Conferences and Seminars

- February 2020, South African Coal Mining Conference, SAIMM
- November 2018 – EIA Law Event, Business Success Solutions
- February 2018 – Waste Compliance and Enforcement Training, Imbewu Sustainability Solutions (Pty) Ltd
- June 2017 - SAPVIA Conference

Additional Skills

- Computer Skills: Office 2013 including Microsoft Word, Excel, Outlook and PowerPoint.
- Afrikaans (2nd language)
- Intermediate ArcGIS Mapping
- Soil and Agricultural Impact Assessment

CURRICULUM VITAE

Project Experience

Environmental Impact Assessments

- **Raubex Phase 1 and 2 Beitsbridge Border Expansion Project, Zimbabwe, 2019 - 2020.** Project Management Services. Project Manager, Team Lead, Peer Reviewer.
- **Ergo Mining (Pty) Ltd: The Marievale Project, Gauteng Province. 2019 - 2020.** EIA and WULA. Project Manager, Senior EAP, Peer Review.
- **Crown Gold Recoveries (Pty) Ltd: Reclamation of the Soweto Cluster Dumps, Gauteng Province. 2019 - 2020.** EIA and WULA. Project Manager, Senior EAP, Peer Review.
- **Ergo Mining (Pty) Ltd: The Valley Silts Project, Gauteng Province. 2019 - 2020.** EIA and WULA. Project Manager, Senior EAP, Peer Review.
- **Umsimbithi Mining (Pty) Ltd: The eMakhazeni Integrated Water Use Licence, Mpumalanga Province. 2019 – 2020.** Team Lead, Project Manager.
- **Ergo Mining: Reclamation and Reprocessing of the City Deep Dumps, Gauteng Province, 2018 – 2019.** EIA and WULA. Project Manager, Senior EAP, Peer Review.
- **Ergo Mining: Reclamation and Reprocessing of the Rooikraal TSF, Gauteng Province, 2018 – 2019.** EIA and WULA. Project Manager, Senior EAP, Peer Review.
- **Umsimbithi Mining (Pty) Ltd: The eMakhazeni Mining Project Mpumalanga Province. 2017 – 2018.** Project Manager and EAP for the EIA process.
- **Rand Water: TANGANANI Bulk Infrastructure Project, Gauteng Province. 2017 – 2018.** Project Manager and EAP for the BA process.
- **Eskom Holdings SOC Limited: Olifantshoek Substation and Powerline, Northern Cape Province, 2017 – 2018.** Project Manager and EAP for the BA process.
- **Johannesburg Development Agency: Lehae Training Academy and Fire Station, Gauteng Province, 2017.** Project Manager and EAP for the BA process
- **REDISA: Cato Ridge Pre-Processing Waste Tyre Depot, KwaZulu-Natal Province, 2017.** Project Manager and EAP for the BA process.
- **REDISA: Vishoek Pre-Processing Waste Tyre Depot, Mpumalanga Province, 2017.** Project Manager and EAP for the BA process.
- **REDISA: Nelspruit Pre-Processing Waste Tyre Depot, Mpumalanga Province, 2017.** Project Manager and EAP for the BA process.
- **Building Energy: Skuitdrift Solar Energy Facility, Northern Cape Province, 2016 -2017.** Project Manager and EAP for the BA process.
- **Building Energy: Klawer Watercourse Crossing, Western Cape Province, 2016 -2017.** Project Manager and EAP for the BA process.
- **ACED: Gunsfontein WEF, Northern Cape Province. 2016.** Assistant EAP, Assistant PPP.
- **Juwi Renewable Energies: Hartebeeste WEF, Western Cape Province. 2016.** Assistant EAP, Assistant PPP.

Environmental Auditor

- **Glencore Coal South Africa: Environmental Auditing, Mpumalanga Province. 2019.** Auditing of Environmental Authorisation, Environmental Management Programme, Water Use Licencing and Waste Management Licencing Auditing, Mpumalanga Complexes. Lead Auditor of 43 Licences.
- **Glencore Coal South Africa: Environmental Auditing, Mpumalanga Province. 2018.** Auditing of Environmental Authorisation, Environmental Management Programme, Water Use Licencing and Waste Management Licencing Auditing, Mpumalanga Complexes. Lead Auditor of 43 Licences.
- **Glencore Coal South Africa: Environmental Auditing, Mpumalanga Province. 2017.** Auditing of Environmental Authorisation, Environmental Management Programme, Water Use Licencing and Waste Management Licencing Auditing, Mpumalanga Complexes, 2017. Lead Auditor of 43 Licences.

CURRICULUM VITAE

Environmental Licencing

- **Section 24G Ramification Application for Hossam Soror, Gauteng Provinces. 2017.** Compilation of the Section 24G Application, Client Liaison and Authority Liaison
- **Section 53 Application for the Suurplaat WEF, Northern cape and Western Cape Provinces. 2016.** Compilation and Submission of the Section 53 Application, Client Liaison and Authority Liaison.
- **Section 53 Application for the Tshivhaso Coal-Fired Power Station, Limpopo Provinces. 2016.** Compilation and Submission of the Section 53 Application, Client Liaison and Authority Liaison
- **Section 53 Application for the Thabametsi Coal water pipeline, Limpopo Provinces. 2017.** Compilation and Submission of the Section 53 Application, Client Liaison and Authority Liaison
- **Section 53 Application for the Suurplaat WEF, Northern cape and Western Cape Provinces. 2016.** Compilation and Submission of the Section 53 Application, Client Liaison and Authority Liaison
- **Various Part II Amendment Applications for Solar and Wind Energy Facilities.** Compilation and Submission of the Part II Amendment Applications, Report Compilation, Client Liaison and Authority Liaison
- **Various Part I Amendment Applications for Solar and Wind Energy Facilities.** Compilation and Submission of the Part I Amendment Applications, Report Compilation, Client Liaison and Authority Liaison

Soil and Agricultural Impact Reporting

- **Anglo Operations South Africa (Pty) Ltd: Leslie 1 Coal Project, Mpumalanga Province. 2018.** Soil and Agricultural Potential impact Assessment and reporting.
- **H2 Clean Energy (Pty) Ltd: H2 Energy Power Station, Mpumalanga Province. 2017.** Soil and Agricultural Potential impact Assessment and reporting.
- **Genesis Orkney Solar (Pty) Ltd: Orkney Solar Farm, North West Province. 2016.** Soil and Agricultural Potential impact Assessment and reporting.
- **Eskom Holdings SOC Ltd: Richard's Bay Gas to Power, KwaZulu-Natal Province. 2016.** Soil and Agricultural Potential impact Assessment and reporting.



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER, DECLARATION OF INTEREST AND UNDERTAKING UNDER OATH

File Reference Number:	(For official use only)
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

PROJECT TITLE

PROPOSED AMENDMENT OF THE AUTHORISED PAULPUTS WIND ENERGY FACILITY, NORTHERN CAPE PROVINCE

Kindly note the following:

1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the Competent Authority.
2. This form is current as of 01 September 2018. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. A copy of this form containing original signatures must be appended to all Draft and Final Reports submitted to the department for consideration.
4. All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Officer Hours which is visible on the Departmental gate.
5. All EIA related documents (includes application forms, reports or any EIA related submissions) that are faxed; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted, only hardcopy submissions are accepted.

Departmental Details

<p>Postal address: Department of Environmental Affairs Attention: Chief Director: Integrated Environmental Authorisations Private Bag X447 Pretoria 0001</p> <p>Physical address: Department of Environmental Affairs Attention: Chief Director: Integrated Environmental Authorisations Environment House 473 Steve Biko Road Arcadia</p> <p>Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at: Email: EIAAdmin@environment.gov.za</p>

1. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP Company Name:	Arcus Consultancy Services South Africa (Pty) Ltd			
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	4	Percentage Procurement recognition	100%
EAP name:	Ashleigh Blackwell			
EAP Qualifications:	Bachelor of Science (Honours): Conservation Ecology			
Professional affiliation/registration:	SACNASP - 117167			
Physical address:	Office 607, Cue Workspace, 24 Hans Strijdom Avenue, Cape Town			
Postal address:				
Postal code:	8001	Cell:	0798951456	
Telephone:	021 412 1529	Fax:		
E-mail:	ashleighvdh@arcusconsulting.co.za			

The appointed EAP must meet the requirements of Regulation 13 of GN R982 of 04 December 2014, as amended.

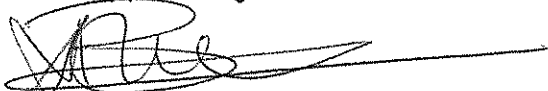
2. DECLARATION BY THE EAP

I, Ashleigh Blackwell, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;



Signature of the Environmental Assessment Practitioner

Arcus Consultancy Services South Africa (Pty) Ltd

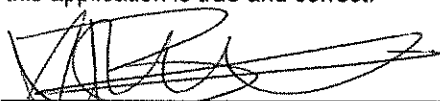
Name of Company:

June 2021

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Ashleigh Blackwell, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the Environmental Assessment Practitioner

Arcus Consultancy Services South Africa (Pty) Ltd

Name of Company

June 2021

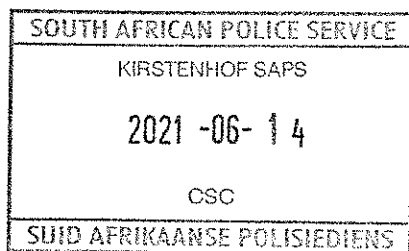
Date



ENEDAMBALE
7225467-0

Signature of the Commissioner of Oaths

2021/06/14
Date



CURRICULUM VITAE

Aneesah Alwie

Environmental Consultant and Administrative Assistant

Email: aneesaha@arcusconsulting.co.za Cell: +27 (0) 72 595 0104



Specialisms

- Project EAP Assistant
- Project Participation Processes
- Project Administration
- Quality Control

Summary of Experience

Aneesah Alwie is an Environmental Consultant and Administrative Assistant at Arcus. Having obtained her Bachelor of Science Degree (Environmental and Water Science) from the University of the Western Cape; she has over 8 years public relations experience in conjunction with 6 years' experience as support to a technical team. Aneesah manages assistance in the concise and accurate operation of the EIA processes for projects and offers administrative and technical support to ensure that projects are completed in time and within budget. Her excellent organisational skills and extensive experience in support to project managers enables smooth flow of the assigned project duties and meeting project deadlines.

Professional History

2019 – Present – Environmental Consultant & Administrative Assistant, Arcus SA (Pty) Ltd
2017 – 2019 – Project Administrative Assistant, Arcus SA (Pty) Ltd
2014 – 2017 – Environmental Technical Assistant, Department of Environmental Management, City of Cape Town
2012 – 2013 – Graduate Intern, Department of Economic Development, City of Cape Town

Qualifications and Professional Interests

- **University of Western Cape, 2009 - 2012**
Bachelor of Science Degree: Environmental and Water Science
- June 2018 – EIA Law Event, Business Success Solutions

Recent Conferences and Seminars

- Windaba 2017
- Windaba 2018

Additional Skills

- Computer Skills: Office 2013 including Microsoft Word, Excel, Outlook and PowerPoint.
- Afrikaans (2nd language)
- Basic Arc GIS
- Public Liaison

Project Experience

- Environmental Impact Assessments**
- **San Kraal WEF, Eastern and Northern Cape. 2017 - 2018.** Provided administrative support during public participation process.
 - **Phezukomoya WEF, Eastern and Northern Cape. 2017 - 2018.** Provided administrative support during public participation process.
 - **Umsinde Emoyeni WEF, Western and Northern Cape. 2017 - 2018.** Provided administrative support during public participation process.
 - **Proposed Residential Development, Elands Bay, Western Cape. 2017 – Current.** Assisted in writing the Basic Assessment Report for submission and provided administrative support during public participation process.
 - **Juno WEF, Western Cape. 2018 – 2019.** Provided administrative support during public participation process.
 - **Highlands WEF, Eastern Cape. 2018 – 2020.** Provided administrative support during public participation process.
 - **Paulputs WEF, Northern Cape. 2018 – 2020.** Provided administrative support during public participation process.

Environmental Control Officer

CURRICULUM VITAE

- **Proposed Residential Development, Elands Bay, Western Cape. August 2018 – Current.** Conduct compliance monitoring of residential development.