

CONTACT DETAILS

Name of Company	Coastal and Environmental Services (Pty) Ltd
Trading as	CES
Description of Company	Environmental and Social Advisory Services
Designation	Senior Environmental Consultant
Profession	Environmental Consultant
Years of Relevant Experience	8 years
E-mail	Ziyanda.Makapela@cesnet.co.za
Office number	+27 (0) 87 405 1478
Mobile	+27 (0) 79 317 3186
Nationality	South African
Professional Body	➤ IAIA ➤ SACNASP: South African Council for Natural Scientific Profession (<i>in progress</i>) ➤ EAPASA (<i>in progress</i>)
Key areas of expertise	➤ Environmental Impact Assessment ➤ Undertaking Water Use Licence Applications (WULAs) ➤ Project Management ➤ Waste Planning ➤ Waste and Compliance Auditing ➤ Renewable Energy

PROFILE

Ziyanda obtained her BSc Honours in Geology from the University of the Free State.

She is an experienced environmental consultant with over seven years' consulting experience, having worked across a broad range of environmental disciplines. Her expertise includes the compilation of technical reports in support of Environmental Authorisations and environmental licences, preparation of Water Use Licence Applications (WULAs), environmental screening reports, waste feasibility assessments, and the development of Integrated Waste Management Plans (IWMPs) and Waste Master Plans. She has also undertaken feasibility assessments for infrastructure projects, conducted environmental and waste compliance audits, and provided Environmental Control Officer (ECO) services during project implementation.

Ziyanda is also trained in GIS mapping, which supports spatial analysis and informed environmental decision-making. Throughout her career, she has successfully contributed as a member of multidisciplinary project teams and has independently managed and delivered projects from inception to completion.

Her professional interests lie primarily in Environmental Impact Assessment (EIA) and Waste Planning Services.

**EMPLOYMENT
EXPERIENCE**

- **Senior Environmental Consultant**
January 2025 – Current
Coastal and Environmental Services (Pty) Ltd
- **Environmental Consultant**
November 2020 – December 2024
GIBB Environmental (Pty) Ltd
- **Environmental Consultant**
January 2019 – October 2020
GIBB (Pty) Ltd
- **Graduate Environmental Scientist**
October 2018 – January 2019
GIBB (Pty) Ltd

**ACADEMIC
QUALIFICATIONS**

- 2013 – BSc (Geology)
- 2014 – BSc Honours Geology

COURSES

- Best use of Artificial Intelligence in Report Writing (in company) – September 2024
- GIS Training (in company) – June 2023
- Technical Aspects of Drilling – May 2020

**CONSULTING
EXPERIENCE**

BASIC ASSESSMENTS

Proposed Berlin Wind Energy Facility, near Berlin in the Buffalo City Metropolitan Municipality, Eastern Cape Province, 2025

Task: Drafting the Environmental Management Programme (EMPr)

Position held: EAP assistant

Activities performed: Drafting of the EMPr

Proposed Water Pipeline to the Bhobhoi Water Treatment Works, near Port Shepstone in Ugu District Municipality Kwa-Zulu Natal, 2024

Task: Undertaking the Environmental Authorization Application process by means of a Basic Assessment for the installation of a water pipeline

Position held: EAP assistant

Activities performed: Project Management, management of specialists, compilation of the Integrated EA application, including associated appendices, Drafting of the Basic Assessment Report, Drafting of the EMPr, Undertaking Impact Assessment, Undertaking PPP, client liaison, and GIS Mapping

Transnet Vessel Tracking System Tower and Helipad, Port of Durban 2023 - 2024

A Basic Assessment process for the relocation of a Vessel Tracking System Tower and Helipad and Hangar in the Port of Durban.

Position held: EAP assistant and report writing

Otter Solar PV Facility 1 and Facility 2 and Associated Infrastructure located in the City of Matlosana Local Municipality, Northwest Province, 2023 - 2024

Two Basic Assessments for Solar Photovoltaic (PV) facilities and associated infrastructure in the Northwest Province.

Position held: EAP assistant

Springhaas Solar PV Facilities and Associated Infrastructure, Dealesville, Free State Province, 2021 - 2022

Seven Basic Assessments for Solar PV facilities in the Free State Province.

Task: Reporting and PPP

Position held: EAP assistant

INTEGRATED WASTE MANAGEMENT PLANS (IWMPs)

Industry Waste Management Plans for the 13 Proclaimed Fishing Harbours, Western Cape Province, 2025

Task: Technical support and PPP

Position held: Senior Environmental Consultant

Activities performed: Technical report writing and PPP

Review of the Mhlontlo Local Municipality Integrated Waste Management Plan (IWMP), Eastern Cape Province, 2023 - 2024

Task: Technical support, including site visits

Position held: Environmental Consultant

Activities performed: Technical report writing, and site visits

Review of the Midvaal Local Municipality IWMP, Gauteng Province, 2020 - 2021

Task: Drafting of the Midvaal Local Municipality IWMP, including site visits, and public participation

Position held: Environmental Consultant

Activities performed: Technical report writing, site visits, public participation.

Review of the Ingquza Hill Local Municipality IWMP, Eastern Cape Province, 2020

Task: Drafting of the Ingquza Hill Local Municipality IWMP, including site visits.

Position held: Environmental Consultant

Activities performed: Technical report writing and site visits.

Review of the Garden Route District Municipality IWMP, Western Cape Province, 2019 - 2020

Task: Drafting of the Hessequa Local Municipality IWMP, including site visits, presentations, and public participation as well as providing technical support for the review of other Garden Route District Municipal IWMPs (Oudtshoorn, George, Bitou, and Knysna)

Position held: Environmental Consultant

Activities performed: Technical report writing, site visits, presentations, public participation.

WASTE FEASIBILITY STUDIES

Development of Waste Minimisation Plans for the Local Municipalities of Bitou, George, Hessequa, Kannaland, Knysna, Mossel Bay, Oudtshoorn, and for the Garden Route District Municipality, Western Cape Province, 2020 - 2021

Task: Technical resource for the Development of the first Waste Minimisation Strategy for the Garden Route District Municipality and seven Local Municipalities

Position held: Environmental Consultant

Activities performed: Technical report writing and site visits

DBSA Material Recovery Facility Feasibility Assessment, National Project, 2020 – 2021

A feasibility assessment including financial modelling and business plans for Material Recovery Facilities in four local municipalities across four Provinces in South Africa.

Task: Technical resource

Position held: Environmental Consultant

Activities performed: Technical report writing, site visits, and presentations.

WASTE AUDITING

BagMan Recycling Facility Annual External Audit, Eastern Cape, 2022 - 2024

Task: Project leader for the annual external audit

Position held: Project leader

Activities performed: Report review and project management

Nyandeni Local Municipality Landfill Site GRAP Assessment and Waste Compliance Audit, 2022 & 2023

GRAP assessments and waste compliance audits for one landfill site and transfer station in the Nyandeni Local Municipality.

Task: Technical resource

Position held: Environmental Consultant

Activities performed: Technical report writing, site visits, and presentation

ENVIRONMENTAL CONTROL OFFICER (ECO) SERVICES

Annual External Water Use Licence (WUL) Audits for Eskom. Conduct annual external WUL compliance audits for Ermelo Majuba 88kV powerline, Mashala Resources 22kV powerline, Grootpan Brackfontein 88kV powerline, Aerorand, Kendal Argent powerline, Delmas North 88kV powerline and United Bosch 88kV powerline Water Use Licences situated in Mpumalanga Province, 2025

Task: Undertaking annual external audit

Position held: Senior Environmental Consultant

Activities performed: Site visit and reporting

ECO Services for the Upgrading of the Galway Road Culvert, Nahoon, Buffalo City Metropolitan Municipality, Eastern Cape, 2025 - 2026

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

Environmental & Social (E&S) Compliance Audit, EDF Renewables, Wesley Ciskei Windfarm, Eastern Cape, 2025

Task: Undertaking annual E&S compliance audits

Position held: Senior Environmental Consultant

Activities performed: Site visit, conducting a comprehensive evaluation of best practice compliance audit with the Equator Principles (EPS), International Financial Corporation (IFC) Performance Standards (PS) and Environmental and Social Action Plan (ESAP)

ECO Services for the Upgrading of the Nelson Mandela Museum, King Sabata Dalindyebo Local Municipality, Eastern Cape, 2020 - 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the Qolora Aquaculture Development Zone (ADZ), Mngquma Local Municipality, Eastern Cape, 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the construction of Mdantsane Zone 18CC Sewer and Stormwater Infrastructure Services, Mdantsane, Buffalo City Metropolitan Municipality, Eastern Cape, 2019 - 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the construction of Winnie Mandela Sewer and Stormwater Infrastructure Services, Mdantsane, Buffalo City Metropolitan Municipality, Eastern Cape, 2023 - 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the construction of Sisulu Sewer and Stormwater Infrastructure Services, Mdantsane, Buffalo City Metropolitan Municipality, Eastern Cape, 2023 - 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the construction of Mathemba Vuso Sewer and Stormwater Infrastructure Services, Mdantsane, Buffalo City Metropolitan Municipality, Eastern Cape, 2023 - 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the construction of Francis Meli Sewer and Stormwater Infrastructure Services, Mdantsane, Buffalo City Metropolitan Municipality, Eastern Cape, 2023 - 2024

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ECO Services for the Upgrading of the Highbury Water Treatment Works in Mthatha, OR Tambo District Municipality, Eastern Cape, 2019 - 2023

Task: Undertaking monthly ECO audits

Position held: Environmental Control Officer and Project Manager

Activities performed: Project Management, client liaison, monthly ECO audits, monthly reporting, and approval of method statements

ENVIRONMENTAL SCREENING

Name of Project: Buffalo City Metropolitan Municipality Desalination Plant Feasibility Study, including site selection

Task: Undertaking Environmental Screening Assessment to determine environmental sensitivities and site selection

Position held: Environmental Assessment Practitioner

Activities performed: Project management; determination environmental sensitivities of the project footprint; advise on any legal environmental requirements; investigate the site against DFFE National Web Based Environmental Screening Tool; GIS mapping; and provision of recommendations on further studies to be undertaken.

WATER USE LICENCE APPLICATIONS

Cala Bulk Sanitation Infrastructure Upgrade in the Chris Hani District Municipality, Eastern Cape, 2024

Task: undertaking a Water Use License Application

Position held: Environmental Consultant

Activities performed: Project Management; management of specialists; meeting with authorities; compilation of associated reports; completing associated forms; undertaking PPP; and GIS mapping

Leeuwkuil Wastewater Treatment Works and Conveyance Upgrades in the Sedibeng District Municipality, Gauteng, 2022 - 2024

Task: undertaking a Water Use License Application

Position held: Environmental Consultant

Activities performed: Project Management; management of specialists; meeting with authorities; compilation of associated reports; completing associated forms; undertaking PPP; and GIS mapping

Rietspruit Wastewater Treatment Works in the Sedibeng District Municipality, Gauteng, 2022 - 2024

Task: undertaking a Water Use License Application

Position held: Environmental Consultant

Activities performed: Project Management; management of specialists; meeting with authorities; compilation of associated reports; completing associated forms; undertaking PPP; and GIS mapping

SECTION 30A PROCESS

Section 30A Emergency Applications Directive Requests for the Emergency Refurbishment of Roads and Stormwater Infrastructure within the Buffalo City Metropolitan Municipality, Eastern Cape Province, 2025

Task: Section 30A Emergency applications for Mdantsane Unit 6, Ward 48; Mdantsane Unit 6, Ward 30; Mdantsane Unit 6, Ward 48; Tikinikini, Ward 50; Mdantsane Unit 2, Ward 42; and Mdantsane Unit 13, Ward 21

Position held: Senior Environmental Consultant

Activities performed: Compilation of reports, undertaking PPP, client liaison, liaison with the Department.

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.



Ziyanda Makapela

Date: January 2026