

CONTACT DETAILS

Name of Company	Coastal and Environmental Services (Pty) Ltd t/a CES
Trading as	CES
Description of Company	Environmental and Social Advisory Services
Designation	Principal Environmental Consultant
Profession	Environmental Assessment Practitioner
Years with firm	0
E-mail	Kate.flood@cesnet.co.za
Office number	+27 (0) 46 622 2364
Mobile	+27 (0) 84 631 1456
Nationality	South African
Professional Body	<ul style="list-style-type: none">➤ SACNASP: South African Council for Natural Scientific Profession (<i>Pr.SciNat</i> 120474)➤ EAPASA: Environmental Assessment Practitioners Association of South Africa: Registered Environmental Assessment Practitioner (2021/4172)➤ IWMSA: Institute of Waste Management Southern Africa: Member and Eastern Cape Branch Committee Member (40116070)
Key areas of expertise	<ul style="list-style-type: none">➤ Environmental Impact Assessment➤ Project Management➤ Waste Planning➤ Waste and Compliance Auditing

PROFILE

Mrs Kate Flood

Kate obtained her BSc in Marine Biology from Swansea University of Wales in 2009. She has over 11 years experience in environmental consulting, waste planning and project management.

Kate has extensive experience in environmental licensing, Basic Assessments (BA) and Full Scoping and Environmental Impact Assessments (S&EIA) and Waste Planning, Integrated Waste Management Plans (IWMP), Waste Feasibility Assessments and Waste Masterplans) and Compliance Auditing, Environmental Control Officer (ECO) Services, ISO 14001 Assessments and Waste Compliance Audits). Her interests are in Environmental Impact Assessment and Waste Planning Services.

Kate is a registered Environmental Assessment Practitioner with EAPASA, is registered with SACNASP and is committee member for the Eastern Cape Branch of the IWMSA.

EMPLOYMENT EXPERIENCE

- October 2011 – February 2019 -Environmental Scientist – GIBB (Pty) Ltd
 - Consulting, project management and conducting environmental assessments on a range of different projects including public participation processes.
 - Environmental Management Programmes

**ACADEMIC
QUALIFICATIONS**

COURSES

**CONSULTING
EXPERIENCE**

- Integrated Waste Management Plans
- Waste Feasibility Assessments and Waste Masterplans
- Environmental Control Officer Services
- Waste Compliance Audits
- GIS Mapping
- Proposal Management
- March 2019 – January 2024 – Environmental Assessment Practitioner and Service Offering Lead Waste Planning– GIBB Environmental (Pty) Ltd
 - Consulting, project management and conducting environmental assessments on a range of different projects including public participation processes.
 - Environmental Management Programmes
 - Integrated Waste Management Plans
 - Waste Feasibility Assessments and Waste Masterplans
 - Environmental Control Officer Services
 - Waste Compliance Audits
 - GIS Mapping
- February 2024 – present – Principal Environmental Consultant -CES (Pty) Ltd
- BSc (Marine Biology)

- IEMA Approved Foundation Course in Environmental Auditing (South Africa) 2014

BASIC ASSESSMENTS

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

Two Basic Assessments for Solar Photovoltaic (PV) facilities and associated infrastructure in the North West Province. Assigned role of Assistant to EAP, management of specialist studies.

Nelson Mandela Bay Sewage Grit and Sludge Treatment Facility, Nelson Mandela Bay Municipality, Eastern Cape 2023 - 2024

A Basic Assessment process for a proposed sewage grit and sludge treatment facility in the Nelson Mandela Bay Municipality. Assigned role of EAP, management of specialist team, public participation and preparation of technical reports.

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

A Basic Assessment process for a the relocation of a Vessel Tracking System Tower and Helipad and Hangar in the Port of Durban. Assigned role of EAP, review of technical reports.

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. Assigned role of EAP, management of specialist team, public participation and preparation of technical reports.

Devon Valley Waste Disposal Facility Expansion Waste Management License and Basic Assessment, Stellenbosch Local Municipality, Western Cape 2021 - 2023

Basic Assessment and Waste Management License Application for the proposed expansion of the Devon Valley landfill site in the Stellenbosch Municipality, Western Cape. Assigned role of EAP, management of specialist team, public participation and preparation of technical reports.

Bagman Waste Recycling Facility and Waste Management License Application, Buffalo City Metropolitan Municipality, Eastern Cape 2018 - 2019

A Basic Assessment Process and Waste Management License Application for a plastic recycling facility in East London. Assigned role of EAP, review of technical reports

Nelson Mandela Bay Sewage Grit and Sludge Treatment Facility, Nelson Mandela Bay Municipality, Eastern Cape 2017 -2019

A Basic Assessment process for a proposed sewage grit and sludge treatment facility in the Nelson Mandela Bay Municipality. Assigned role of EAP, management of specialist team, public participation and preparation of technical reports.

City of Cape Town Surface Stormwater Systems, Routine Maintenance and Management Activities 2012 – 2017

A Basic Assessment process to allow the City of Cape Town to undertake all routine maintenance and management activities on all freshwater and estuarine systems. Assigned role assistant to EAP. Management of Specialists, Drafting of Basic Assessment Report, Maintenance Management Plans and GIS mapping.

Kouga Dam Wall Upgrade 2012 - 2013

A Basic Assessment for the proposed upgrade of the Kouga Dam wall. Assistant to EAP

Eskom 132kV Power Lines from Melkhout to Dieprivier, Humansdorp, Eastern Cape 2011 - 2012

A Basic Assessment for the proposed 132kV power lines near Humansdorp in the Eastern Cape. Assistant to EAP, drafting of Basic Assessment Report and Environmental Management Programme

Eskom 132kV Power Lines from Dieprivier to Kareedouw, Humansdorp, Eastern Cape 2011 - 2012

A Basic Assessment for the proposed 132kV power lines near Kareedouw in the Eastern Cape. Assistant to EAP, drafting of Basic Assessment Report and Environmental Management Programme

Eskom 132kV Power Lines from Melkhout to Patensie, Patensie, Humansdorp, Eastern Cape 2011 - 2012

A Basic Assessment for the proposed 132kV power lines near Humansdorp in the Eastern Cape. Assistant to EAP, drafting of Basic Assessment Report and Environmental Management Programme

FULL SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT

Mossdustrya Raceway Development, Industrial Expansion and Solar PV Facility, Mossdustrya, Mossel Bay, Western Cape, 2022 – 2024

Scoping and Environmental Impact Assessment for a proposed raceway, expansion of the existing Mossdustrya industrial area and development of a solar PV facility. Assigned role of

EAP, management of specialist team, public participation and preparation of technical reports.

Langehoogte Wind Energy Facility, Botrivier, Western Cape, 2012 - 2013

Scoping and Environmental Impact Assessment for a wind energy facility near Botrivier in the Western Cape. Assigned role assistant to EAP.

Wolesley Wind Energy Facility, Botrivier, Western Cape, 2012 - 2013

Scoping and Environmental Impact Assessment for a wind energy facility near Botrivier in the Western Cape. Assigned role assistant to EAP.

REGISTRATIONS OF POWER LINES AND SUBSTATIONS

Otter Grid Connection, City of Matlosana, North West Province, 2024

Four Registration Processes in terms of the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas for the Otter Solar PV facilities, City of Matlosana Province, North West Province. Assigned role of EAP, management of specialist team, public participation and preparation of technical reports.

Artemis Grid Connection, Dealesville, Free State, 2023

Two Registration Processes in terms of the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas for the Springhaas Solar PV Cluster, near Dealesville, Free State Province. Assigned role of EAP, management of specialist team, public participation and preparation of technical reports.

Springhaas Grid Connection, Dealesville, Free State, 2023

11 Registration Processes in terms of the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas for the Springhaas Solar PV Cluster, near Dealesville, Free State Province. Assigned role, EAP

ENVIRONMENTAL SCREENING

Mount Road Low Cost Housing, Nelson Mandela Bay Municipality, 2018

Environmental screening assessment of the proposed Mount Road Low Cost Housing Development. Assigned role Project Leader and Technical Review

Mossel Bay Waste Facility Registrations

Environmental screening status of waste facilities, registration of transfer stations in terms of the National Norms and Standards for the Storage of Waste (GN 926 of 2013). Assigned role EAP

Nkatha-Seyisi Upgrade, Nelson Mandela Bay Municipality, 2017

Environmental screening assessment of the proposed upgrade of service to the Nkatha-Seyisi area. Assigned role Project Leader and Technical Review

SECTION 24G ASSESSMENTS

Ruigtevallei to Dreunberg 132kV Power Line, 2013 – 2014

Section 24G Application for the Ruigtevallei to Dreunberg 132kV overhead power line. Assigned role, assistant EAP, drafting of technical reports, public participation process.

INTEGRATED WASTE MANAGEMENT PLANS (IWMP)

Midvaal Local Municipality IWMP Review, Gauteng Province, 2020 – 2021

Review of the Midvaal Local Municipality IWMP. Assigned role Technical Review.

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

Review of the Ingquza Hill Local Municipality IWMP. Assigned role Technical Review.

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

Review of IWMPs for the Garden Route District Municipality and seven Local Municipalities (Bitou, Knysna, Kannaland, George, Mossel Bay, Hessequa and Oudtshoorn). Assigned role Project Leader.

Breede Valley Local Municipality IWMP Performance Review, Western Cape Province, 2019

Performance review of the Ingquza Hill Local Municipality IWMP. Assigned role Technical Review.

iLembe District Municipality IWMP Review, KwaZulu-Natal Province, 2018 - 2020

Review of IWMPs for the KwaDukuza and Mandeni Local Municipalities and development of an IWMP for the iLembe District Municipality. Feasibility assessment and site selection for a regional landfill site. Assigned role Technical Review for IWMPs and Technical Lead of feasibility and site selection study.

Eastern Cape Provincial IWMP Review, Eastern Cape Province, 2017 - 2019

Review of Provincial IWMP for the Eastern Cape Province. Assigned role Project Leader

Nquthu Local Municipality IWMP, KwaZulu-Natal, 2014 – 2015

Development of a first generation IWMP for the Nquthu Local Municipality. Assigned role Technical Lead.

Mandeni Local Municipality IWMP, KwaZulu-Natal, 2014 – 2015

Development of a first generation IWMP for the Mandeni Local Municipality. Assigned role Technical Lead.

Mhlontlo Local Municipality IWMP, Eastern Cape, 2013 – 2014

Development of a first generation IWMP for the Mhlontlo Local Municipality. Assigned role Assistant to Technical Lead.

Nkonkobe Local Municipality IWMP, Eastern Cape, 2014

Development of a first generation IWMP for the Nkonkobe Local Municipality. Assigned role Assistant to Technical Lead.

Nelson Mandela Bay Municipality IWMP, Eastern Cape, 2011 to 2013

Development of a first generation IWMP for the Nelson Mandela Bay Metropolitan Municipality. Assigned role Assistant to Technical Lead.

WASTE FEASIBILITY ASSESSMENTS AND MASTERPLANS

Coega SEZ Regional and General and Hazardous Waste Management Feasibility Assessment, Nelson Mandela Bay Municipality, Eastern Cape 2023 – 2024

A feasibility assessment for the development of a new regional general and hazardous waste management facility for the Coega SEZ. Assigned role Project Leader.

Garden Route District Municipality Waste Minimisation Strategy, Western Cape Province, 2020 - 2021

Development of the first Waste Minimisation Strategy for the Garden Route District Municipality and seven Local Municipalities (Bitou, Knysna, Kannaland, George, Mossel Bay, Hessequa and Oudtshoorn). Assigned role Project Leader.

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

A feasibility assessment including financial modelling and business plans for Material Recovery Facility in four local municipalities across four Provinces. Assigned role Project Leader.

Construction and Demolition Waste Assessment, National Project. 2018 - 2019

An assessment of construction of demolition waste in South Africa to determine status quo and management options. Assigned role Technical Review.

Akwaba Business Plan Spatial Development Framework, Abidjan, Côte d'Ivoire, 2018

Pre-feasibility assessment for the development of a business park in Abidjan. Assigned role, Technical Input into waste planning components.

Eastern Cape Recycling Strategy, Eastern Cape Province, 2017 to 2019

Development of the first Recycling Strategy for the Eastern Cape Province. Assigned role Project Leader.

Mossel Bay Waste Infrastructure Masterplan, Mossel Bay Municipality, 2017 to 2018

Development of a waste infrastructure masterplan to identify short, medium and long term infrastructure needs for the municipality. Assigned role Technical Lead

ECDC Hazardous Waste Feasibility Assessment Phase 2, Buffalo City Metropolitan Municipality, 2017

Feasibility assessment of the development of a hazardous waste management facility in the Eastern Cape. Assigned role Technical Lead

Nelson Mandela Bay Municipality Waste Drop-Off Facility Masterplan, 2016 – 2017

Development of a waste drop-off facility masterplan to guide the development of new waste drop-off facilities in the NMBM and upgrades to existing facilities. Assigned role, Technical Lead

Oudtshoorn Material Recovery Facility Feasibility Assessment, Oudtshoorn Local Municipality, Western Cape, 2017

Feasibility assessment and site selection for a material recovery facility in Oudtshoorn Local Municipality. Assigned role, Technical Input

Oudtshoorn Road vs Rail Assessment for Transportation of Waste, Oudtshoorn Local Municipality, Western Cape, 2017

Feasibility assessment to compare options of transporting waste by road or rail from Oudtshoorn to Mossel Bay. Assigned role, Technical Input

ECDC Hazardous Waste Pre-Feasibility Assessment, Buffalo City Metropolitan Municipality, 2015

Determine status quo of waste management in the Eastern Cape and review of waste treatment technology. Assigned role Technical Lead

Feasibility Assessment for a Regional Landfill Site, Amathole District Municipality, Eastern Cape, 2013 to 2014

Review of existing waste management facilities in the study area and site selection for a new general waste landfill site. Assigned role, Environmental Scientist.

WASTE AUDITING

Langeberg Annual Waste Compliance Audits, 2019 – 2024

Waste compliance audits for two landfill sites in the Langeberg Local Municipality. Assigned role Project Leader and Technical Review

Kannaland Landfill Sites GRAP Assessments and Waste Compliance Audits, 2019

GRAP assessments and waste compliance audits for four landfill sites in the Kannaland Local Municipality. Assigned role Project Leader and Technical Review

Stutterheim Landfill Site Waste Compliance Audit, Amalathi Municipality, Eastern Cape 2019

Waste compliance audit of the Stutterheim landfill site. Assigned role Project Leader and Lead Auditor

Mossel Bay Waste Compliance Audits, Mossel Bay, Western Cape, 2017

Waste compliance audits for two landfill sites and two transfer stations in the Mossel Bay Local Municipality. Assigned role Assistant Auditor

General Motors VDC Waste Yard Compliance Audit, Nelson Mandela Bay, Eastern Cape, 2016

Waste compliance audit of the VDC waste yard. Assigned role Lead Auditor

General Motors Struandale Waste Yard Compliance Audit, Nelson Mandela Bay, Eastern Cape, 2016

Waste compliance audit of the Struandale waste yard. Assigned role Assistant Auditor

Aspen Waste Yard Compliance Audit, Nelson Mandela Bay, Eastern Cape, 2016

Waste compliance audit of the Aspen general and hazardous waste storage facility against the National Norms and Standards for Storage of Waste (GN 926 of 2013). Assigned role Assistant Auditor

General Motors PDC Waste Yard Compliance Audit, Nelson Mandela Bay, Eastern Cape, 2016

Waste compliance audit of the PDC waste yard. Assigned role Assistant Auditor

General Motors VDC Waste Yard Compliance Audit, Nelson Mandela Bay, Eastern Cape, 2015

Waste compliance audit of the PDC waste yard. Assigned role Assistant Auditor

Cacadu District Municipality Waste Compliance Audits, Cacadu District Municipality, Eastern Cape, 2015

Waste compliance audits for municipal landfill sites in the Cacadu District Municipality. Assigned role Assistant Auditor

Transnet National Ports Authority Waste Compliance Audits, Eastern Cape, 2014

Waste compliance audits of the Port of Port Elizabeth. Assigned role Assistant Auditor

ENVIRONMENTAL CONTROL OFFICER SERVICES

ECO services for the installation of Chatty Valley Collector Sewer Phase 2, Nelson Mandela Bay Municipality, Eastern Cape, 2017 – 2018

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings.

ECO services for the Dieprivier Substation, Kouga Local Municipality, Eastern Cape, 2016 – 2017

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings.

ECO services for the Removal of Underground Thinners Tanks, Nelson Mandela Bay Metropolitan Municipality, Eastern Cape, 2016 – 2017

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings.

ECO services for the installation of Chatty Valley Collector Sewer Phase 1, Nelson Mandela Bay Municipality, Eastern Cape, 2016 – 2017

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings.

ECO services for the construction of the Bathurst Reservoir, Ndlambe Local Municipality, Eastern Cape, 2015 – 2016

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings

ECO services for the Kwanobuhle Area 11 Bulk Water Supply Pipeline Nelson Mandela Bay Metropolitan Municipality, Eastern Cape, 2015 – 2016

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings

ECO services for the Upgrade of the Kragga Kamma Transfer Station, Nelson Mandela Bay Metropolitan Municipality, Eastern Cape, 2014 – 2015

Development of an EMPr, registration of the transfer station and monthly environmental audits and attendance of monthly site meetings

ECO services for the Kwanobuhle Area 11 Mixed Use Housing Development Nelson Mandela Bay Metropolitan Municipality, Eastern Cape, 2014 – 2015

Monthly environmental audits against the Environmental Authorisation (EA) and Environmental Management Programme (EMPr) and attendance of monthly site meetings

PUBLICATIONS

None

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.

Kate Flood



Date: 14 January 2024