

APPENDIX B: EAP CURRICULUM VITAE, DETAILS AND DECLARATION



CEN
Integrated Environmental Management Unit
Reg No: 1996/032402/23

Lucille Behrens: 082 922 1645 lucille@environmentcen.co.za

CURRICULUM VITAE

LUCILLE BEHRENS (maiden name Van Staden)

Name of Firm	CEN Integrated Environmental Management Unit
Date of birth	20 August 1976
Position in Firm	Senior Environmental Scientist
Specialisation	Environmental Management
Nationality	South African
Years of experience	19
HDI Status	White female, no disabilities
Languages	English, Afrikaans

KEY QUALIFICATIONS

Lucille has 19 years' experience in the Environmental Management field. Lucille has undertaken a number of Environmental Impact Assessments (i.e. Basic Assessments; Scoping and EIA) under the EIA Regulations of 2006, 2010 and 2014. Her roles have included being the Environmental Assessment Practitioner (EAP), Assistant EAP, Project Manager and Environmental Scientist for EIA related projects. Her responsibilities have included undertaking environmental assessments, compilation of regulated EIA's (i.e. scoping reports, EIA reports, Basic assessments and EMPs) and incorporating specialists into the EIA team for any required specialist studies. Lucille has also undertaken and been involved with the regulated public participation process required for EIAs.

Her experience in compiling environmental management plans relate to construction, maintenance operations and wildlife management. Lucille has been involved in environmental compliance monitoring and auditing (environmental control officer) on a number of construction sites and borrow pits. She has also gained experience in GIS mapping.

Lucille has also been involved in waste studies and sustainable development projects, for example green procurement, elimination of illegal dumping strategies and water conservation and demand management plan.

EDUCATION

Qualification	Institution	Year
BSc (Hons) (Environmental Monitoring and Modelling)	UNISA	2008
BSc (Environmental Management)	UNISA	2005
BA (Hons) (Criminology)	University of Pretoria	1998
BA	University of Pretoria	1997

CV: Lucille Behrens

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PROFESSIONAL MEMBERSHIP / REGISTRATION

Institution Name	Membership	Year Joined
International Association of Impact Assessments (South Africa)	Member (No. 2668)	2010
Environmental Assessment Practitioners Association of South Africa (EAPASA)	Registered EAP 2016/38	2019

EMPLOYMENT RECORD**August 2013 – Present: CEN IEM Unit**

On 1 August 2013, Lucille joined the CEN Integrated Environmental Management Unit as **Senior Environmental Scientist**. Her responsibilities include:

- Project management,
- Environmental Impact Assessments (Basic Assessment, Scoping and EIA and associated public participation),
- Co-ordinating and assessing specialist studies,
- Environmental Management Plans/Programmes,
- Environmental Compliance Monitoring,
- GIS mapping.

July 2007 – July 2013: BKS (Pty) Ltd / AECOM SA (Pty) Ltd

On 1 October 2012 Lucille was appointed as a **Senior Environmental Scientist** for the Infrastructure and Management Sector of BKS in Port Elizabeth after BKS and its subsidiaries rebranded on 1 November 2012 to become AECOM SA (Pty) Ltd. Her responsibilities included:

- Project management, including financial management on projects,
- Environmental Impact Assessments (basic assessment, scoping and EIA and associated public participation),
- Co-ordinating and assessing specialist studies,
- Environmental Management Plans/Programmes,
- Environmental Compliance Monitoring,
- Waste and Sustainability Strategies,
- Business development focusing within the Eastern Cape, KwaZulu Natal.
- GIS mapping.

In 2009, Lucille was promoted to **Senior Environmental Scientist** and was responsible for project management, environmental impact assessments (basic assessment, scoping and EIA and associated public participation), environmental management plans, environmental compliance monitoring, waste and sustainability strategies within the Eastern Cape.

In 2007, Lucille joined BKS (Pty) Ltd as an **Environmental Scientist**. Her responsibilities included undertaking environmental impact assessments (basic assessment, scoping and EIA and associated public participation), compiling environmental management plans and undertaking environmental compliance monitoring.

August 2000 – June 2007: Shamwari Game Reserve (Mantis Collection)

Lucille was the **Wildlife / Environmental Co-Ordinator** for Shamwari Game Reserve (Mantis Collection) from November 2003 – June 2007. During this time, her responsibilities included the following:

Compiling environmental management plans for construction operations and wildlife management for reserves in South Africa, United Arab Emirates and Morocco. Undertaking environmental compliance monitoring of construction sites within game reserves. Monitoring environmental aspects (e.g. water usage) within Mantis game reserves and organising related wildlife permits.

In November 2001, Lucille transferred to the Wildlife Department as the PA to the Wildlife Director.

In 2000, Lucille joined Shamwari Game Reserve and during this time her roles included Personal Assistant to the General Manager, Switchboard Operator and Reservationist.

EXPERIENCE RECORD – SELECTED PROJECTS

ENVIRONMENTAL IMPACT ASSESSMENTS:

- Basic Assessment for the Upgrading of the Jeffreys Bay (Le Mer) Rising Main Sewer from Dolphin Drive to Jeffreys Bay WWTW, Kouga Local Municipality – *MJM Consulting Engineers*
- Basic Assessment for the Upgrading of the D1331 and P233 Culverts, Newcastle Local Municipality – *LA Consulting Engineers*
- Basic Assessment for the Greenbushes Solar PV Facility, Nelson Mandela Bay Municipality – *Greenbushes RE Project SPV (Pty) Ltd*
- Basic Assessment for the Expansion of BORBET SA Furnaces, Nelson Mandela Bay Municipality – *BORBET SA / LAQS*
- Scoping and Environmental Impact Assessment for the Proposed Seraphim Solar Cell Facility in the Coega SEZ, Nelson Mandela Bay Municipality – *Seraphim Energy*
- Scoping and Environmental Impact Assessment for the Proposed Newlyn Manganese Storage and Conveyor Facility in Coega SEZ, Nelson Mandela Bay Municipality – *Newlyn Group*
- Basic Assessment for the Proposed Beenleegte Hydro Power Facility in Somerset East - *Navitas*
- Basic Assessment for the Proposed Little Fish Hydro Power Facility in Somerset East - *Navitas*
- Basic Assessment for the Proposed Coegakop Wellfield and Water Treatment Works – *NMBM*
- Basic Assessment for the Upgrading of the Emsengeni Access Road, Kirkwood – *LA Consulting Engineers*
- Basic Assessment for the Proposed Stormwater Management Infrastructure in Colchester, Nelson Mandela Bay Municipality - *NMBM*
- Basic Assessment for the Proposed Alexandria Community Health Centre - *Archworx*
- Scoping & Environmental Impact Assessment for the Kei Road Water Conveyance (pipeline and water treatment works) - *Aurecon*
- Basic Assessment for the St Francis Stormwater Upgrade - *Aurecon*
- Basic Assessment for the Proposed SACE Ranger PV Plant, Uitenhage – *SACE*.
- Basic Assessment of the Proposed Clearing of Vegetation for Fence Construction at SAPS Training Institute, Addo, Sundays River Valley Municipality – *Engineering Advice & Services*.
- Basic Assessment for Construction and Operation of a Filling Station with Rest and Retail Facilities, an Agri-Business Retail / Wholesale Facility adjacent to the Nanaga Farm Stall on the Remainder of Portion 8 Nanaga Hoogte No 229, Sundays River Valley Municipality – *Pantheon Trust*
- Scoping & Environmental Impact Assessment for the Malabar Extension 6 Phase 2 Housing Development, Nelson Mandela Bay Municipality, Eastern Cape – *NMBM (undertaken whilst in employ at AECOM)*
- Scoping & Environmental Impact Assessment for the Residential Development on Farm Grants Valley 396/2, Ndlambe Municipality – *ACME Capital (undertaken whilst in employ at BKS)*

ENVIRONMENTAL MANAGEMENT PROGRAMMES:

- Environmental Management Programme for the Kirkwood Revitalisation Programme within the Sundays River Valley Municipality - *LA Consulting Engineers*
- Environmental Management Programme for the Rural Roads Prioritized Infrastructure Project within the Sundays River Valley Municipality - *LA Consulting Engineers*
- Coastal Management Programme for the Nelson Mandela Bay Municipality

ENVIRONMENTAL COMPLIANCE MONITORING:

- Environmental Control Officer: Upgrading of D1331 and P233 Roads and Culvers in Newcastle - *LA Consulting Engineers*
- Environmental Control Officer: Graaff Reinet Wellfield – *LA Consulting Engineers*
- Environmental Control Officer: Coegakop Wellfield Phase 1: Drilling of boreholes and

CV: Lucille Behrens

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- installation of bulk water pipelines in Port Elizabeth – *Aurecon*
- Environmental Control Officer: Upgrading of Roads and Stormwater in Valencia, Addo – *LA Consulting Engineers*
- Environmental Control Officer: Upgrading of Roads and Stormwater in Emsengeni, Kirkwood – *LA Consulting Engineers*
- Environmental Control Officer: Construction of the Kuyga Rising Main – *Hatch Goba*
- Environmental Control Officer: Upgrading of Access Roads in Moses Mabida, Kirkwood – *LA Consulting Engineers*
- Environmental Control Officer: Upgrading of Stormwater Infrastructure in Summerstrand – *Hatch Goba*
- Environmental Control Officer: Upgrading of Roads and Stormwater in Nomathamsanqa, Addo – *LA Consulting Engineers*

WATER USE LICENCE / AUTHORISATION APPLICATIONS (WULA):

- Water use authorisation for the Upgrading of the D1331 and P233 Culverts in Newcastle - *LA Consulting Engineers*
- Water use authorisation for the Greenbushes Solar PV Facility - *Greenbushes RE Project SPV (Pty) Ltd*
- WULA for the Proposed Beenleegte Hydro Power Facility in Somerset East - *Navitas*
- WULA for the Proposed Little Fish Hydro Power Facility in Somerset East - *Navitas*
- WULA for the Proposed Coegakop Wellfield and Water Treatment Works – *NMBM*
- WULA for the Upgrading of the Emsengeni Access Road, Kirkwood – *LA Consulting Engineers*
- WULA for the Proposed Malabar Phase 2 Extension 6 Housing Development - *NMBM*
- WULA for Proposed Gqunu Village Bridge Crossing and Road Upgrades - *Department of Land Reform and Rural Development*.

SUSTAINABILITY / OTHER PROJECTS:

- Environmental Screening for the Port St Johns Community Access Roads – *LA Consulting Engineers*
- Environmental Screening for the Pearston Bulk Water Supply Augmentation – *BVi Consulting Engineers*
- Due Diligence for Zone 10 of the Coega Special Economic Zone – *Coega Development Corporation*
- Environmental Sensitivity Review for the Kirkwood Revitalisation Programme within the Sundays River Valley Municipality - *LA Consulting Engineers*
- Environmental Sensitivity Review for the Rural Roads Prioritized Infrastructure Project within the Sundays River Valley Municipality - *LA Consulting Engineers*
- Environmental Screening Assessment on Portion 62 of Ongegunde Vryheid No 746, St Francis for Mixed Land Use– *Aurecon*

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2016/38

Herewith certifies that

LUCILLE BEHRENS

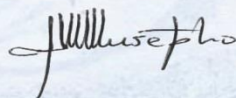
is registered as an

Environmental Assessment Practitioner

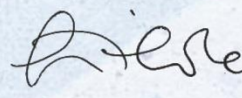
**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027



Chairperson



Registrar





environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEA/EIA/
Date Received:	

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

PROJECT TITLE

BAYHEAD AND LANGEBERG ROAD UPGRADES AT THE PORT OF DURBAN,
eTHEKWINI METROPOLITAN MUNICIPALITY, KWAZULU NATAL

Environmental Assessment Practitioner (EAP): ¹	Lucille Behrens of CEN Integrated Environmental Management Unit (CEN IEM Unit)		
Contact person:	Lucille Behrens		
Postal address:	140 Kruger Gardens, 62 Admiralty Way, Summerstrand, Gqeberha		
Postal code:	6001	Cell:	082 922 1645
Telephone:	082 922 1645	Fax:	N/A
E-mail:	lucille@environmentcen.co.za		
Professional affiliation(s) (if any)	EAPASA Registered EAP 2016/38		
Project Consultant:	LA Consulting Engineers		
Contact person:	Esmeralda Pillay		
Postal address:	27 Vuna Close, Ridge 7 Building, 7 th Floor, Office 701, Umhlanga Ridge		
Postal code:	4320	Cell:	079 599 6414
Telephone:	031 566 2300	Fax:	N/A
E-mail:	esmeralda@la-eng.co.za		

4.2 The Environmental Assessment Practitioner

I, LUCILLE BEHRENS, declare that –

General declaration:

I act as the independent environmental practitioner in this application
 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
 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 take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
 I have no, and will not engage in, conflicting interests in the undertaking of the activity;
 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;
 I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
 I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
 I will keep a register of all interested and affected parties that participated in a public participation process; and
 I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
 all the particulars furnished by me in this form are true and correct;
 will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
 I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F 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 Environmental Impact Assessment Regulations, 2014;

~~— I have a vested interest in the proposed activity proceeding, such vested interest being:~~

A Behrens

Signature of the environmental assessment practitioner:

CEN Integrated Environmental Management Unit (CEN IEM Unit)

Name of company:

20 March 2026

Date:

UNDERTAKING UNDER OATH/ AFFIRMATION

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

Behrens

Signature of the registered Environmental Assessment Practitioner

CEN Integrated Environmental Management Unit (CEN IEM Unit)

Name of Company

20-03-2026

Date

Umuza
A. Umuza

Signature of the Commissioner of Oaths

2026-03-20

Date



Curriculum Vitae

JEMMA ABIGAIL BOOYSEN

Mobile: +27 00 277 9308, Email: jabbbooyesen@gmail.com

Identity number	0005220199086
Nationality	South African
Languages	English
Driver's license	Code B

PERSONAL PROFILE

I obtained my BSc (Environmental Sciences) from Nelson Mandela University majoring in Geography and Zoology, following the completion of my BSc Honours in Environmental Geography in 2023. I then went on to complete my MSc (Geography) while working as a senior EAPs assistant and ECO for a number of development projects centered in the Eastern Cape Province of South Africa. This later expanded into candidate EAP duties after becoming registered with EAPASA, allowing for me to assist in the EIA process. My university research themes have equipped me with a solid foundation in environmental management and geography, as well as basic skills in GIS mapping for use in EIA work. My short of two years working at an environmental consultancy have provided me with experience in Environmental Control Officer (ECO) services and Environmental Impact Assessment (EIA) services, specifically associated with Basic Assessment Reports.

EDUCATION AND PROFESSIONAL STATUS

Qualifications

MSc (Geography), Nelson Mandela University, Eastern Cape Province, South Africa, 2025 (completed, graduation in December 2025)

BSc Honours (Environmental Geography), Nelson Mandela University, 2013

BSc (Environmental Science), Nelson Mandela University, 2012

Research

Geospatial detection of Acacia cyclops populations using multispectral remote sensing data in the Quakene river catchment, Algoa Bay, South Africa (BSc Honours, 2023)

Retrieving estuarine chlorophyll-a concentrations from remotely sensed data in Algoa Bays, Eastern Cape (MSc, 2024-2025)

Registration and Membership

Registered as Candidate Environmental Assessment Practitioner with EAPASA since 2024 (Registration No 2024/9015)

EMPLOYMENT AND JOB RESPONSIBILITIES

March 2024 – current	CEN INTEGRATED ENVIRONMENTAL MANAGEMENT UNIT Candidate Environmental Assessment Practitioner under supervision (Part-time) • EIA services • ECO services
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LIST OF ENVIRONMENTAL PROJECTS AND ROLES

Basic Assessments & related reports

- Ellicdale WWTW development (draft phase)
- Road and stormwater upgrade in Durban Port for TNPA (draft)
- Formalisation of informal suburbs, Ticks, in Thornhill (beginning phase: screening report)
- Formalisation of informal suburbs, Ramaphosa, in Patensie (beginning: screening report)

Environmental Authorization Application

- Ellicdale WWTW development (draft phase)

Water Use License Applications

- Collector sewer upgrade, Oceanview, Jeffreys Bay (compilation of WULA summary report and associated reports) (draft phase)

Environmental Auditing

- Addo Eco Lodge and associated infrastructure in Addo Elephant National Park
- Stanford pumpstation expansion
- Port St Francis residential development
- Fairview business and associated infrastructure development
- Motherwell fuel storage expansion
- Clarkson WWTW, bulk sewer line and pumpstation development
- Road rehab/ upgrade, Makhanda

REFERENCES

Mike Cohen:

Founder at CEN Integrated Environmental Management Unit
(steenbok@aerosat.co.za)

Lucille Behrens:

Senior EAP at CEN IEM Unit and supervisor for second half of 2025
(lucille@environmentcen.co.za)

Claire De Jongh:

Former senior EAP at CEN IEM Unit and supervisor for 2024 and first half of 2025
(clairejarvis@hotmail.co.za)



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

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eTHEKWINI METROPOLITAN MUNICIPALITY, KWAZULU NATAL**

Environmental Assessment Practitioner (EAP): ¹	Jemma Abigail Booysen of CEN Integrated Environmental Management Unit (CEN IEM Unit)		
Contact person:	Jemma Booysen		
Postal address:	140 Kruger Gardens, 62 Admiralty Way, Summerstrand, Gqeberha		
Postal code:	6001	Cell:	072 070 4249
Telephone:		Fax:	N/A
E-mail:	jemma@environmentcen.co.za		
Professional affiliation(s) (if any)	EAPASA Candidate EAP 2024/9015		
Project Consultant:	LA Consulting Engineers		
Contact person:	Esmeralda Pillay		
Postal address:	27 Vuna Close, Ridge 7 Building, 7 th Floor, Office 701, Umhlanga Ridge		
Postal code:	4320	Cell:	079 599 6414
Telephone:	031 566 2300	Fax:	N/A
E-mail:	esmeralda@la-eng.co.za		

4.2 The Environmental Assessment Practitioner

I, Jemma Abigail Booysen, declare that –

General declaration:

I act as the independent environmental practitioner in this application
 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
 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 take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
 I have no, and will not engage in, conflicting interests in the undertaking of the activity;
 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;
 I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
 I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
 I will keep a register of all interested and affected parties that participated in a public participation process; and
 I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
 all the particulars furnished by me in this form are true and correct;
 will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
 I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F 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 Environmental Impact Assessment Regulations, 2014;

~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner:

CEN Integrated Environmental Management Unit

Name of company:

16/01/2026

Date:

UNDERTAKING UNDER OATH/ AFFIRMATION

I, JEMMA BOOYSEN 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 Candidate Environmental Assessment Practitioner

CEN Integrated Environmental Management Unit (CEN IEM Unit)

Name of Company

16/07/2026

Date



Signature of the Commissioner of Oaths

16/07/2026

Date



**Environmental Assessment
Practitioners Association
of South Africa**



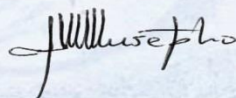
Registration No. 2024/9015

Herewith certifies that
JEMMA ABIGAIL BOOYSEN
is registered as an
Candidate Environmental Assessment Practitioner

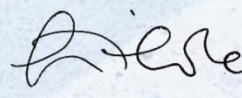
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Expires: 31 March 2027



Chairperson



Registrar

