



Registration No. 2022/5762

Herewith certifies that

Deon Esterhuizen

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 2023

Expires: 29 February 2024

Chairperson

Registrar





environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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

	(For official use only)
File Reference Number:	
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 Rerouting of the High Lift Rising Main (HLRM) due to the proximity of existing Eskom Powerlines, within the Thabazimbi Local Municipality located in the Waterberg District Municipality, Limpopo 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

Postal address:

Department of Environmental Affairs
Attention: Chief Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Attention: Chief Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:
Email: EIAAdmin@environment.gov.za

1. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP Company Name:	GIBB Environmental Pty Ltd, part of the GBN Joint Venture		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)		Percentage Procurement recognition
EAP name:	Deon Esterhuizen		
EAP Qualifications:	MSc Environmental Ecology		
Professional affiliation/registration:	2022/5762		
Physical address:	GIBB Head Office, 3rd Floor, Building 4, 19 9th Street, Houghton Estate, Rosebank, 2196		
Postal address:	P O Box 2700, Rivonia		
Postal code:	2196	Cell:	0824451781
Telephone:	N/A	Fax:	N/A
E-mail:	deon@mdte.co.za		

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

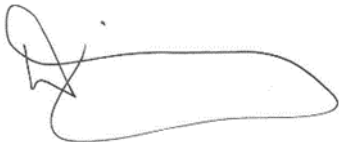
2. DECLARATION BY THE EAP

I, Deon Esterhuizen, 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;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the Environmental Assessment Practitioner

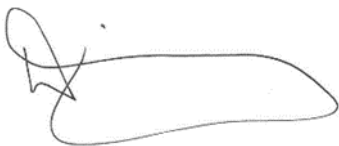
GIBB Environmental Pty Ltd, part of the GBN Joint Venture

Name of Company:

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Deon Esterhuizen, 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

GIBB Environmental Pty Ltd, part of the GBN Joint Venture

Name of Company

Date

Signature of the Commissioner of Oaths

Date

Details of EAP, Declaration and Undertaking Under Oath

NAME	: Deon ESTERHUIZEN
PROFESSION	: Environmental Consultant
DATE OF BIRTH	: 1968/06/06
PARENT FIRM	: MDT Environmental (Pty) Ltd
POSITION IN FIRM	: Director
YEARS WITH FIRM	: 5 years with the firm
NATIONALITY	: South African
BI & MALE/FEMALE STATUS	: White Male

TERTIARY EDUCATION (AND YEAR OBTAINED):

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
University of Pretoria	M.Sc (Environmental Ecology)	2003
University of Johannesburg	B.Sc. Honours (Botany)	1991
University of Johannesburg	B.Sc. (Botany and Zoology)	1990

PROFESSIONAL QUALIFICATIONS (AND YEAR OBTAINED)

- Professional Natural Scientist (RN: 400154/09)

LANGUAGES:

	Speaking:	Reading:	Writing:
Afrikaans	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent

COUNTRIES OF WORK EXPERIENCE:

South Africa	Libya	Zambia
Botswana	Lesotho	Namibia

PROPOSED POSITION ON TEAM: ENVIRONMENTAL LEAD

KEY QUALIFICATIONS:

Deon Esterhuizen has a MSc in Environmental Management with 28 years of experience in water related projects, which include water resource management, water quality management, water use registration and licencing of water users, including project management of multi-disciplinary studies. He also has extensive experience in a wide-range of environmentally related projects, processes and applications for private, commercial and industrial clients, in addition to local, provincial and national government departments.

His key experience includes:

Water Resources

Key experience gained through his involvement in a number of water resources related projects, including ensuring the protection, development, conservation, management, use and control of the water resources in the Gauteng Region's area of responsibility in a sustainable manner as well as co-ordinate the management of the quality of the water resources of a specific catchment on an ongoing basis to achieve water resource objectives during his employment at the Department of Water Affairs and Forestry. Specific focus areas include:

- Catchment Management Strategies & Plans
- Water Quality Management Plans
- Registration and Licencing of water users
- Assessing water requirements for basic human needs and riverine ecology
- Determining stream-flow assimilative capacity for pollution loads
- Water quality guidelines
- Industrial wastewater treatment and disposal

Environmental

Key experience gained through environmental related projects as a consultant at BKS (Pty) Ltd and ILISO Consulting (Pty) Ltd in the fields listed below:

- Integrated Environmental Management (IEM) in general

- Environmental Impact Assessments (EIAs)
- Environmental Management Plans (EMPs)
- Environmental monitoring and auditing

Project Coordination & Management

Key experienced gained as the project leader and coordinator on a number of large, strategically important and multi-disciplinary projects for various clients, including international (Africa) projects.

External Reviewer & Auditor

Key experienced gained as external reviewer for the Department of Water Affairs and Forestry as well as other consulting firms.

Acting as an independent external auditor in terms of National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA), Environmental Impact Assessment Regulations, 2014, as amended for various companies.

RELEVANT EXPERIENCE:

NAME OF ASSIGNMENT: OLIFANTS RIVER CATCHMENT ENVIRONMENTAL FLOW REQUIREMENTS
YEAR: From: 2002 To: 2003
CLIENT & LOCATION: Olifants River catchment, South Africa
POSITIONS HELD: **Water Specialist**
ACTIVITIES PERFORMED: Part of the team to determine the environmental flow requirements for the Olifants River catchment. This involved the management of a number of river specialists over a three year period to ensure that a scientifically defensible environmental flow was determined and recommended for implementation

NAME OF ASSIGNMENT: DRINKING WATER QUALITY MANAGEMENT GUIDE
YEAR: From: 2002 To: 2003
CLIENT & LOCATION: South Africa
POSITIONS HELD: **Author**
ACTIVITIES PERFORMED: Author of a management guide, which forms part of a series, which is intended to provide water supply agencies, water resource managers, workers in health related fields, as well as communities throughout South Africa with guidance on domestic water quality with regard to planning a new domestic water supply scheme, implementation of a domestic supply scheme, and the management of an existing domestic supply scheme.

NAME OF ASSIGNMENT: TRAINING OF DWS EMI INSPECTORATE
YEAR: From: 2018 To: 2020
CLIENT & LOCATION: South Africa
POSITIONS HELD: **Trainer**
ACTIVITIES PERFORMED: Prepare training material and present courses.

NAME OF ASSIGNMENT: KITWE WATER AND SANITATION PROJECT PHASE II IN ZAMBIA
YEAR: From: 2013 To: 2017
CLIENT & LOCATION: Zambia
POSITIONS HELD: **Environmental Expert**
ACTIVITIES PERFORMED: External specialist review of Environmental Impact Assessment.

NAME OF ASSIGNMENT: WASTE MANAGEMENT LICENCE APPLICATION AND WATER USE LICENCE APPLICATION FOR BAVIAANSPOORT WASTE WATER TREATMENT WORKS

YEAR: From: 2010 To: 2013
 CLIENT & LOCATION: South Africa
 POSITIONS HELD: **Team Leader**
 ACTIVITIES PERFORMED: Project team management, report review, client liaison, process management.

NAME OF ASSIGNMENT: EIA AND WASTE MANAGEMENT LICENCE APPLICATION FOR THE DISPOSAL OF THE GYPSUM AND ASH ON THE KUSILE POWER STATION CO-DISPOSAL FACILITY
 YEAR: From: 2012 To: 2015
 CLIENT & LOCATION: South Africa
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: Waste Management Licence Application.

NAME OF ASSIGNMENT: EIA AND WATER USE LICENCE APPLICATION FOR THE MZIMVUBU WATER PROJECT FOR THE CONSTRUCTION OF THE NTABELANGA AND LALINI DAM AND ASSOCIATED INFRASTRUCTURE.
 YEAR: From: 2014 To: 2015
 CLIENT & LOCATION: South Africa
 POSITIONS HELD: **Water Use Licence Task Leader**
 ACTIVITIES PERFORMED: Review of Reports and team and budget management.

NAME OF ASSIGNMENT: DESIGN AND CONSTRUCTION OF BOTSABELO COMPLEX - LESOTHO BLOOD TRANSFUSION SERVICES CENTRE, NATIONAL REFERENCE LABORATORY, STUDENT ACCOMMODATION AT THE NATIONAL HEALTH TRAINING COLLEGE
 YEAR: From: 2010 To: 2010
 CLIENT & LOCATION: Lesotho
 POSITIONS HELD: **Environmental Expert**
 ACTIVITIES PERFORMED: Development of an Environmental Protection Plan for implementation during construction. The development of method statements for key environmental construction activities.

NAME OF ASSIGNMENT: NELSPRUIT RING ROAD REPORT
 YEAR: From: 2005 To: 2005
 CLIENT & LOCATION: Nelspruit, South Africa
 POSITIONS HELD: **Environmental specialist**
 ACTIVITIES PERFORMED: Preparation of the surface water specialist report for the proposed Nelspruit Ring Road

NAME OF ASSIGNMENT: NATIONAL GROUNDWATER STRATEGY
 YEAR: From: 2007 To: 2010
 CLIENT & LOCATION: Department of Water Affairs - South Africa
 POSITIONS HELD: **Project Manager**
 ACTIVITIES PERFORMED: Project Manager of a multi-disciplinary team to develop a National Groundwater Strategy for the Department of Water Affairs

NAME OF ASSIGNMENT: WULA FOR TSHWANE METRO ZEEKOEKAT WWTW
 YEAR: From: 2007 To: 2010
 CLIENT & LOCATION: South African Government – Tshwane
 POSITIONS HELD: **Task Leader**
 ACTIVITIES PERFORMED: Task Leader for preparing the Water Use Licence application for the Tshwane Metro Zeekoegat Waste Water Treatment Works behalf of the South African Government.

NAME OF ASSIGNMENT: WATER QUALITY MANAGEMENT
YEAR: From: 2006 To: 2007
CLIENT & LOCATION: Department of Water Affairs: Mpumalanga Region – Mpumalanga, South Africa
POSITIONS HELD: **Task Leader**
ACTIVITIES PERFORMED: Task Leader of a multi-disciplinary team to assist the Mpumalanga Regional Office: Water Quality Management with line function work

NAME OF ASSIGNMENT: GAUTENG REGION OFFICE TECHNICAL AND ADMINISTRATIVE SUPPORT PROJECT
YEAR: From: 2006 To: 2009
CLIENT & LOCATION: DWAF – Gauteng, South Africa
POSITIONS HELD: **Project Manager**
ACTIVITIES PERFORMED: Project Manager of a multi-disciplinary team to assist the DWAF Gauteng Regional Office with specific technical tasks

NAME OF ASSIGNMENT: SURFACE WATER SPECIALIST REPORT
YEAR: From: 2006 To: 2006
CLIENT & LOCATION: Gautrain Rapid Rail Link
POSITIONS HELD: **Environmental specialist**
ACTIVITIES PERFORMED: Preparing the surface water specialist report in support of the variant alignment environmental impact assessment study

NAME OF ASSIGNMENT: ENVIRONMENTAL BASELINE SURVEY
YEAR: From: 2004 To: 2006
CLIENT & LOCATION: Libya
POSITIONS HELD: **Environmental specialist**
ACTIVITIES PERFORMED: Preparation of the Environmental Baseline Survey (EBS) for the Feasibility Study for the Coastal Road (Ras Ejder to Musaad) in Libya

NAME OF ASSIGNMENT: INITIAL WORKS EMP AND DRAFT FINAL EMP
YEAR: From: 2005 To: 2006
CLIENT & LOCATION: Gautrain Rapid Rail Link
POSITIONS HELD: **Environmental specialist**
ACTIVITIES PERFORMED: Part of the ISAA Joint Venture compiling the Initial Works EMP and Draft Final EMP as required by the Record of Decision issued by the Gauteng Department of Agriculture, Conservation and Environment

NAME OF ASSIGNMENT: THUNE DAM
YEAR: From: 2007 To: 2012
CLIENT & LOCATION: Botswana
POSITIONS HELD: **Environmental specialist**
ACTIVITIES PERFORMED: Environmental specialist for a 42 month construction period of the Thune Dam in Botswana

NAME OF ASSIGNMENT: GROOT LETABA STORAGE DAM
YEAR: From: 2007 To: 2008
CLIENT & LOCATION: Department of Water Affairs – South Africa
POSITIONS HELD: **Environmental Specialist**

ACTIVITIES PERFORMED: Preparation of an EMP for the Groot Letaba proposed storage dam

NAME OF ASSIGNMENT: MODDER AND RIET RIVERS CATCHMENT
 YEAR: From: 2002 To: 2006
 CLIENT & LOCATION: South Africa
 POSITIONS HELD: **Project coordinator**
 ACTIVITIES PERFORMED: Project coordinator for the development of a Catchment Management Strategy and determination of an intermediate Ecological Reserve for the Modder and Riet Rivers Catchment

NAME OF ASSIGNMENT: WATERVAL RIVER CATCHMENT
 YEAR: From: 2003 To: 2004
 CLIENT & LOCATION: South Africa
 POSITIONS HELD: **Project coordinator**
 ACTIVITIES PERFORMED: Project coordinator for the development of a Water Quality Management Plan for the Waterval River catchment

NAME OF ASSIGNMENT: OLIFANTS RIVER WATER RESOURCES DEVELOPMENT PROJECT PHASE 2
 YEAR: From: 2010 To: Current
 CLIENT & LOCATION: South Africa
 POSITIONS HELD: **Environmental & Social Team Leader**
 ACTIVITIES PERFORMED: Responsible and accountable for the management of all environmental and social related tasks performed by two Environmental Monitors, two Social Monitors, and a Land Acquisition Team. This team was responsible to ensure that the Contractor executes the project within the guidelines of legislation, the environmental authorisation, the environmental management plan, and project specifications.

NAME OF ASSIGNMENT: VARIOUS EXTERNAL AUDITS
 YEAR: From: 2016 To: Current
 CLIENT & LOCATION: Omnia Group (Pty) Ltd, Glencore, BME (Pty) Ltd & Sasol Mining (Pty) Ltd
 POSITIONS HELD: **External Auditor**
 ACTIVITIES PERFORMED: Various external audits for Omnia Group (Pty) Ltd, Glencore, BME (Pty) Ltd, Sasol (Pty) Ltd & Sasol Mining (Pty) Ltd. The critical review of the industry's operations versus its legislated compliance requirements.

NAME OF ASSIGNMENT: LOWER SHASHE DAM ENVIRONMENTAL IMPACT ASSESSMENT
 YEAR: From: 2005 To: 2005
 CLIENT & LOCATION: South African Government
 POSITIONS HELD: **Environmental Specialist**
 ACTIVITIES PERFORMED: Lower Shashe Dam Environmental Impact Assessment report and process review on behalf of the South African Government

NAME OF ASSIGNMENT: DEVELOPMENT OF A WATER CONSERVATION AND DEMAND MANAGEMENT STRATEGY
 YEAR: From: 2010 To: 2011
 CLIENT & LOCATION: City of Johannesburg
 POSITIONS HELD: **Team Leader**
 ACTIVITIES PERFORMED: Project team management, report review, client liaison, process management.

NAME OF ASSIGNMENT: BRAAMHOEK PUMP STORAGE SCHEME
YEAR: From: 2007 To: 2007
CLIENT & LOCATION: **Knight Piesold**
POSITIONS HELD: External reviewer
ACTIVITIES PERFORMED: Requested by Knight Piesold to act as an external reviewer of their Environmental Impact Assessment and Water Use Licence Application for the Braamhoek Pump Storage Scheme

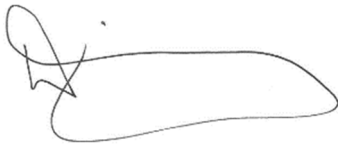
SUMMARY OF OTHER EXPERIENCE:

From: July 2017 **To:** Present
Employer: MDT Environmental
Position held: Director

From: August 2006 **To:** Present
Employer: ILISO Consulting
Position held: Technical Director - Environmental Discipline Group

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, I am available and willing to serve in the position indicated for me in the Proposal for Consulting Services for the Mokolo Crocodile Water Augmentation Project Phase 2, for the durations and at the locations indicated therein.

A handwritten signature in black ink, consisting of a large, stylized loop followed by a horizontal line and a small flourish at the end.

Signature of Staff Member

Date: 10 March 2021