APPENDIX D

CURRICULA VITAE OF ENVIRONMENTAL ASSESSMENT PRACTITIONER

Curriculum Vitae

Queries: Donavan Henning
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1 Personal Particulars

Date of Birth:	1976-12-06
Name of Staff:	Donavan Henning
Years of Experience:	20
Nationality:	RSA

2 Position in the firm and within the organization of this assignment

Registered Environmental Assessment Practitioner.

3 Education

Institution (Date from – Date to)	Degree(s) or Diploma(s) obtained
RAU (1995 – 1997)	B.Sc. Zoology and Biochemistry
RAU (1998)	B. Sc. Hons. Zoology
RAU (1999 – 2000)	M. Sc. Freshwater Ecology

4 Membership of professional bodies

- Environmental Assessment Practitioners Association of South Africa (EAPASA) (2020/1217).
- South African Council for Natural Scientific Professions (SACNASP) (400108/17).

5 Relevant Experience - Energy

1.	**Project Name:**	**KIVU56**
	Client:	Symbion Power Lake Kivu LTD
	Location of Project:	Rubavu District, Western Province, Rwanda
	Duration (Start & Completion Dates):	Feb 2020 – Nov 2020
	Brief Description of work:	
	The KIVU56 project is located on the eastern shores of Lake Kivu, Rwanda. Methane gas is extracted from the waters of Lake Kivu and used to run engines that generate electricity. The electricity is passed onto the Rwandan national grid and used throughout the country. Nemai Consulting was appointed to ensure that the project conforms to the International Finance Corporation's 2012 Performance Standards on Environmental and Social Sustainability.	

2.	**Project Name:**	**Matjhabeng Solar PV Project**
	Client:	SunElex Energy (Pty) Ltd
	Location of Project:	Odendaalsrus, Free State Province, RSA
	Duration (Start & Completion Dates):	Jul – Nov 2018
	Brief Description of work:	
	SunElex Energy (Pty) Ltd has proposed the development of the Matjhabeng 400 MW Solar Photovoltaic Plant with 80 MW (320 MWh) Battery Energy Storage System, which is located north and south of the town of Odendaalsrus in the Free State Province. The proposed Solar Photovoltaic Plant will be developed to serve the Matjhabeng Local Municipality's energy requirements and will generate power for delivery to the local/national grid. The electricity generated by the Solar Photovoltaic Plant will be injected into the existing Eskom 132kV distribution system.	

3.	**Project Name:**	**75MW Beaufort West Photovoltaic Project**
	Client:	Beaufort West Photovoltaic (Pty) Ltd
	Location of Project:	Beaufort West, Western Cape, RSA
	Duration (Start & Completion Dates):	Nov 2020 – Jul 2021
	Brief Description of work:	

	Beaufort West Photovoltaic (Pty) Ltd has proposed the development of the Beaufort West Photovoltaic (PV) Project in the Western Cape, with a total generation capacity of not exceeding 75MW renewable solar energy. The associated infrastructure includes access roads, overhead power lines, substation and control building(s). The electricity generated by the PV Park will be transferred to the national Eskom grid. The Project will connect to existing Droërivier Substation beside the N12 through a ±14.9km single circuit twin conductor 132 kV line.

4.	**Project Name:**	**uMkhomazi Water Project Phase 1**
	Client:	Department of Water and Sanitation
	Location of Project:	Bulwer, KwaZulu-Natal Province, RSA
	Duration (Start & Completion Dates):	Aug 2013 - Present
	Brief Description of work:	
	EIA as part of Feasibility Study for the uMkhomazi Water Project Phase 1. Project components include large storage dam, tunnel, balancing dam, raw water pipeline and **hydropower facilities** (Baynesfield HPP - 3 MW power potential; Smithfield Dam HPP- 2.6 MW power potential).	

5.	**Project Name:**	**Hydropower Plant within Hydraulic Network at Zoekfontein Site**
	Client:	Rand Water
	Location of Project:	Zoekfontein, Gauteng Province, RSA
	Duration (Start & Completion Dates):	Feb 2012 – April 2014
	Brief Description of work:	
	Environmental Impact Assessment for the construction of an 8 MW hydropower station alongside the Zoekfontein Control Works downstream of the Vaal Dam.	

6.	**Project Name:**	**Impompomo Hydropower Plant**
	Client:	Blue World Power & Energy
	Location of Project:	Mpumalanga, RSA
	Duration (Start & Completion Dates):	2018
	Brief Description of work:	
	Environmental Screening for a hydropower plant on the Mpompomo Falls in Mpumalanga. The scope of works include the Impompomo powerhouse (hydropower plant), powerlines from Impompomo hydropower plant to Barberton, penstock from Mpompomo Top Weir and Mpompomo Top Weir.	

7.	**Project Name:**	**Neptune-Poseidon Transmission Line**
	Client:	Eskom
	Location of Project:	Eastern Cape, RSA
	Duration (Start & Completion Dates):	2009 - 2011
	Brief Description of work:	
	EIA and public participation for a 200 km transmission line, with alternatives, with 3000 affected parties and landowners.	

8.	**Project Name:**	**Anderson Dinaledi Transmission Line**
	Client:	Eskom
	Location of Project:	North-West, RSA
	Duration (Start & Completion Dates):	2011 - 2013
	Brief Description of work:	
	EIA and public participation for an 80 km transmission line, with alternatives, through a the Magaliesburg Nature Conservation Area.	

9.	**Project Name:**	**Makalu B (Igesi) Substation and Associated Transmission Loop-In Lines**
	Client:	Eskom
	Location of Project:	Free State, RSA
	Duration (Start & Completion Dates):	2016 - 2018
	Brief Description of work:	
	EIA and public participation for a new substation and 2 x 275 kV line loop-ins from the Lethabo – Makalu Lines.	