

Appendix H

Environmental Assessment Practitioner

for Final Basic Assessment

Multi-Purpose Lifestyle Complex - Postmasburg



KUMBA IRON ORE

**ENDEMIC
VISION**

ENVIRONMENTAL SERVICESSM
Responsible. Transferable. Sustainable.

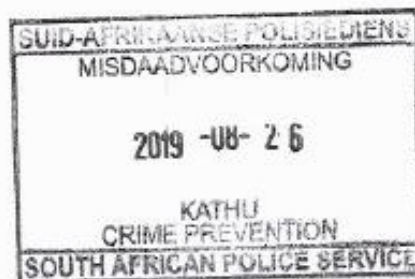


DECLARATION OF THE EAP

I, *Shirazee Dana Nething*, 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 71 of the Regulations and is punishable in terms of section 24F of the Act.

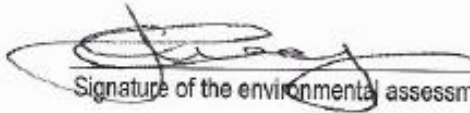


Disclosure of Vested Interest (delete whichever is not applicable)

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

- _____
- _____
- _____
- _____

n/a



Signature of the environmental assessment practitioner:

Ecologic Vision Environmental Services

Name of company:

26 / 08 / 19

Date:



ENDEMICVISION ENVIRONMENTAL SERVICES

**Qualifications of
Environmental Assessment
Practitioner
Curriculum Vitae**

For Kumba Iron Ore (Pty) Ltd

September 2019

Practitioner Statement

(Updated: November 2019)

Chrizette Deona Neethling

Service Provider

- EndemicVision Environmental Services Pty (Ltd)
- www.endemicvision.co.za

Contact Details

- cdn@endemicvision.co.za
- Kokkewiet Street 15, Kathu, 8446
- P. O. Box 2061, Kathu, 8446
- Cell phone: 082 658 6078
- Landline: 053 723 1206
- Fax number: 086 590 7261

Qualifications

- MSC – Environmental Management- Rehabilitation
- BSC – Honors (Cum Laude)
- BA with specialization in Environmental Management
- ND Nature Conservation Management
- NC Business Management

Registrations

- SACNASP Professional Scientist: Ecological Science and Environmental Science Ref: #400104/17
- Grasslands Society of South Africa Ref: 7503050036082
- Soil Science Society of Southern Africa Ref: NEET01
- Land Rehabilitation Society of South Africa (Vice President – 2015; President – 2016; Past President – 2017)

Projects

| | 1999 | 2000 | 2003 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | Grand Total |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| Auditing | | | | | | | 1 | | | 1 | | | | | 2 | | | 4 |
| Biodiversity management | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 2 | 3 | 2 | | | 6 | 1 | 21 |
| Closure and Rehabilitation management | | | | | | | 2 | 2 | 2 | 4 | 1 | 1 | | 1 | 2 | 1 | | 16 |
| Environmental compliance management | | | | | | | 1 | 1 | 3 | | | | | 4 | 1 | | | 10 |
| Environmental Risk Management | | | | | | | | | | 1 | 1 | 1 | | | | 1 | | 4 |
| Impact Assessment and Planning | | | | | 1 | 1 | | 1 | 2 | 2 | 4 | | 7 | 3 | 2 | | | 23 |
| Integrated environmental project management | | | | | | 1 | | 1 | 1 | | | 1 | | | | | | 4 |
| Training | | | | | | | | 1 | | | 1 | | | | | | | 2 |
| Grand Total | 1 | 1 | 1 | 1 | 1 | 3 | 5 | 6 | 9 | 8 | 9 | 6 | 9 | 8 | 7 | 8 | 1 | 84 |

Papers

| Year | Title | Submitted / Published | City | Authors |
|------|--|---|--------------------------------------|---|
| 1996 | Comparative small mammal population analysis of the Anysberg Nature Reserve | Cape Peninsula University of Technology | Ladismith, Western Cape | Chrizette Neethling Alan Martin |
| 2008 | Economic Efficiency of Metal Recovery Black Mountain Mining Company | Gordon Institute of Business Science | Pretoria, Gauteng Province | Chrizette Neethling Kobus Zandberg Marinus Hanekom Bruce vd Nest Andre Basson |
| 2016 | Selection process of analogue parameters and criteria for rehabilitation design at Sishen Mine | North West University | Potchefstroom, North West University | Chrizette Neethling Piet van Deventer Jaco Bezuidenhout |
| 2019 | Assessment of old iron ore tailings for economic viable agricultural production as alternative land use in the Kalahari. | Under review | | Claudia Schimmer Chrizette Neethling Wayne F. Truter |

Presentations

| Year | Title | Forum | City | Authors |
|------|---|--|-------------------|--|
| 2000 | The Riverine Rabbit Conservation Project | Arid Zone Ecological Forum of South Africa | Van Rhynsdorp | Chrizette Neethling Alan Martin |
| 2008 | Integrating ISO14001 and biodiversity management into the operations | Chambers of Mine Conference | Roodepoort | Chrizette Neethling |
| 2010 | Integrated closure – A case in point and lessons learned. | International Association of Impact Assessment | Johannesburg | Chrizette Neethling |
| 2011 | Integrated Closure – Legal Perspective and Closure Models | Mine Closure and Rehabilitation Conference | Midrand | Chrizette Neethling |
| 2012 | Cost implications of biophysical closure costing | Mine Closure and Rehabilitation Conference | Midrand | Chrizette Neethling |
| 2013 | Environmental Risk Management–Why don't Risk Assessments Work | EnviroMining Conference | Midrand | Chrizette Neethling |
| 2015 | Overcoming some of the rehabilitation challenges towards sustainable ecosystems | Land Rehabilitation Society of Southern Africa | Krugersdorp | Chrizette Neethling Onno Fortuin |
| 2016 | Selection process of analogue parameters and criteria for rehabilitation design at Sishen Mine | Land Rehabilitation Society of Southern Africa | Kimberley | Chrizette Neethling Piet van Deventer |
| 2018 | How to look at Ephemeral Pans in the Kalahari | Wetland Dryland Indaba | Kimberley | Chrizette Neethling Bonni van Tonder |
| 2018 | A short literature review of rehabilitation standards for arid areas | Land Rehabilitation Society of Southern Africa | Natal Drakensberg | Chrizette Neethling |
| 2019 | Closure and rehabilitation management in terms of NEMA financial provision regulations | The Aggregate & Sand Producers Association of South Africa | Randpark Ridge | Chrizette Neethling |
| 2019 | A pathway to integrated objective based monitoring at mines to ensure net positive biodiversity outcomes | Grasslands Society of Southern Africa | Kimberley | Chrizette Neethling |
| 2019 | Challenges in determining the best rehabilitation parameters and criteria for arid areas with specific reference to the Southern Kalahari region of South Africa. | Grasslands Society of Southern Africa | Kimberley | Chrizette Neethling Piet van Deventer |
| 2019 | A pathway to integrated objective based monitoring at mines to ensure net positive biodiversity outcomes | Society of Ecological Restoration (SER) | Cape Town | Chrizette Neethling |
| 2019 | Challenges in determining the best rehabilitation parameters and criteria for arid areas with specific reference to the Southern Kalahari region of South Africa. | Society of Ecological Restoration (SER) | Cape Town | Chrizette Neethling Piet van Deventer |

For further information, a detailed CV is available on request