

CURRICULUM VITAE

Proposed role in the project: Environmental Assessment Practitioner

1. **Family name:** Bothma
2. **First Name:** Josephine
3. **Date of Birth:** 15 September 1967
4. **Nationality:** South African

5. **Education:**

Institution (Date from – Date to)	Degree(s) or Diploma(s) obtained
University of Pretoria (1985 – 1988)	BSc
Free State University (1994 -1997)	MSc (Environmental Management)
Free State University (1999 - 2002)	PhD (Environmental Management)

6. **Membership of Professional Bodies:**

Registered with the Registration Board for Environmental Assessment Practitioners for South Africa (EAPSA)
IAIA SA

7. **Other Skills:**

Short courses:

- » ISO 14001 Environmental Auditor Course: Crystal Clear Consulting Water

8. **Present Position:**

Member – Chameleon Environmental CC, Founder member

9. **Years experience:**

32 years

10. **Key Qualifications (relevant to project):**

- » Thirty-two (32) years' experience in the environmental field;
- » Twenty-two (22) years' experience in Project Management;
- » Project management of large environmental assessment and environmental management projects;
- » Experience in environmental impact assessments and basic assessments for road projects;
- » Application for Water Use Licenses and General Authorisations with the Department of Water and Sanitation;

- » Interacts with engineers with regard to design aspects and plans for the project;
- » Experience in environmental studies for borrow pits and quarries;
- » Experienced in environmental assessments for both linear developments and nodal developments;
- » Environmental audits;
- » Peer review of reports and EIA process;
- » Experienced in the identification and assessment of potential negative environmental impacts and benefits through the review and manipulation of data;
- » Experienced in the identification of practical and achievable mitigation and management measures and the development of appropriate management plans, as well as the evaluation of risk;
- » Experienced in the compilation of environmental reports in accordance with relevant environmental legislation;
- » Experienced in public participation/involvement and stakeholder consultation;
- » Working knowledge of environmental planning processes, policies, regulatory frameworks and legislation.

11. Professional Experience:

Date	Since August 2006
Organisation	Chameleon Environmental
Location	Pretoria, Gauteng
Position	Member
Description of duties	Specialist environmental consultant, Project management, identification and assessment of potential negative environmental impacts and benefits, identification of mitigation measures, and compilation of environmental reports in accordance with relevant environmental legislation.

Date	January 2006 to August 2006
Organisation	Enviro-Namic Environmental Consultants
Location	Pretoria, Gauteng
Position	Member
Description of duties	Specialist environmental consultant, Project management, identification and assessment of potential negative environmental impacts and benefits,

	identification of mitigation measures, and compilation of environmental reports in accordance with relevant environmental legislation.
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Date (from – to) (mm/yy)	1999 - 2005
Organisation	South African National Roads Agency Limited
Location	Head Office, Pretoria
Position	Environmental Manager
Description of duties	Project management of Environmental Impact Assessments (EIAs) and Public Participation Process (PPPs) on large roads projects in South Africa

Date (from – to) (mm/yy)	1989 - 1999
Organisation	Department of Environmental Affairs and Tourism
Location	National Department , Pretoria
Position	Pollution Control Officer
Description of duties	Acquired extensive skills and exposure relevant to the management and organisation of government departments. Gained experience regarding the management of hazardous materials and -waste in South Africa including the transportation of hazardous materials and –waste. Assisted with compilation of policies and guidelines pertaining to environmental management.

12. Other relevant information:

- Various Basic Assessment Reports are conducted for asphalt facilities throughout the country.
- Various Scoping/EIA Reports are conducted for linear and property development projects throughout the country.
- Environmental audits undertaken for the Gautrain Project.
- Training of Environmental Officers for the Gautrain Project.
- Applications for mining permits/rights
- Applications for mining/borrow pit closures