

Profession: Environmental Scientist and Environmental Assessment Practitioner

Date of Birth: 02/02/1967

BIOGRAPHICAL SKETCH

Nicolaas Hanekom is a qualified Environmental Assessment Practitioner ("EAP") who holds a Masters Technologiae, Nature Conservation ("Vegetation Ecology and Biodiversity Assessment") degree from the Cape Peninsula University of Technology. Nicolaas is certified in terms of section 20(3)(a) of the Natural Scientific Professions Act, 2003 (Act 27 of 2003), as a Professional Natural Scientist (Ecological Science) Registration Number: 4008274/11. He further qualified in Environmental Management Systems ISO 14001:2004, at the Centre for Environmental Management, North-West University, as well as Environmental Management Systems ISO 14001:2004 Audit: Internal Auditors Course to ISO 19011:2003 level, from the Centre for Environmental Management, North-West University qualifying him to execute audits to ISO/SANS environmental compliance and EMS standards.

He has also completed the suite of Greener Governance courses with certificates in;

- An Overview of Environmental Management at the Local Government Level, Centre for Environmental Management, North-West University;
- Greener Governance for Local Authorities, Centre for Environmental Management, North-West University;
- Tools for Integrated Environmental Management and Governance, Centre for Environmental Management, North-West University.

He further attended and obtained a certificate on Integrated Protected Area Planning at the Centre for Environmental Development, University of Kwa Zulu Natal and a certificate in Project Management (Theory and Practical), through CS Holdings. Nicolaas has lectured in two subjects at the Cape Peninsula University of Technology. He has 26 years of environmental planning experience, working for Free State and Western Cape departments of environmental affairs, where he reviewed and commented on development (EIA) applications, in the West Coast Region.

He has, as practising EAP been responsible for many environmental impact assessments and EIA applications, waste license and atmospheric emission license applications.

He has also been involved in the implementation of several environmental management systems. He has engaged successfully with various clients as set out below.

TERTIARY EDUCATION

- National Diploma, Nature Conservation (Cape Technikon)
- B. Tech Degree in Nature Conservation (Cape Technikon)
- M.Tech in Nature Conservation (Cape Peninsula University of Technology)
- Completed various Environmental Management Courses
- Qualified Environmental Management System ISO 14001: 2004 Audit: Internal Auditor Course Based on ISO 19011:2002 (Centre for Environmental Management North West University)

PROFESSIONAL SOCIETIES/ APPROVALS

SACNASP Professional Natural Scientist (Ecological Science) Registration Number: 4008274/11

KEY EXPERIENCE

1. Assistant Reserve Manager at Gariiep Dam Nature Reserve (1993 - 1998)
2. Reserve Manager, Conservation Services Manager for Western Cape Nature Conservation Board (1998 - 2001)
3. External Lecturer at Cape Peninsula University of Technology (2003 - 2005)
4. Practicing Scientist (Ecology: Terrestrial and Aquatic) and Environmental Assessment Practitioner (2006 – date)

KEY PROJECTS

SOME SPATIAL DEVELOPMENT PLAN (ENVIRONMENTAL COMPONENT)

- Spatial Development Plan for the Cape West Coast Biosphere Reserve in association with Ikapa Enviroplan.
- Land Consolidation Strategy for the Cape West Coast Biosphere Reserve. Hanekom coordinated and facilitated the compilation of a Land Consolidation Strategy as an official of CapeNature in 2004.
- Swartland B Municipality: EMF (Environmental component) in association with CK Rumboll and Associates. Appointed November 2010

SOME ENVIRONMENTAL MANAGEMENT SYSTEMS

- Langebaan Country Estate
- Fancourt Hotel and Country Estate

SOME ENVIRONMENTAL IMPACT ASSESSMENT APPLICATIONS:

- Aeolus Hybrid Energy application Saldanha Bay
- Tomi's Abattoir - Hermon WC
- Cape Solar Energy Application - Kenhardt NWC
- Photo Voltaic Energy Application - Malmesbury WC
- Bio gas Installation - Darling WC

- Darling Fresh Chicken: Darling WC - Abattoir /Broiler Housing/
Hatchery / Breeder Farm
- Erf 2483 - Vredenburg WC
- Droevlei Cattle Housing - Darling WC
- Uilenkraal Cattle Housing - Darling WC
- Darling Low Cost Housing - Darling WC
- Chatsworth Low Cost Housing - Malmesbury WC
- Pampoenvlei Road Realignment Darling WC
- Oliphantskop residential development - Langebaan
- Jacobsbaai Lodge area - Jacobsbaai

SOME WASTE LICENSE APPLICATIONS UNDER THE WASTE ACT.

- County Fair Abattoir WWTW – Kraaifontein
- Bren-O-Kem – Wolesley Pumice processing plant

SOME ENVIRONMENTAL AUDITS

- Langebaan Country Estate (Internal & External)
- Aquila Game Ranch (External)
- Fancourt Hotel and Country Estate
- Kumba Iron Ore (Tabazimbe Mine) Environmental Legal Compliance Audit.

SOME ENVIRONMENTAL CONTROL OFFICER APPOINTMENTS

- Langebaan Country Estate
- Langebaan WWTW
- Villa Diamante
- Hexpoort Development
- Darling Low Income Housing Project
- De Doorns Low Income Housing Project.

SOME MINING PERMIT APPLICATIONS

- Techbulk Pty Ltd, Darling
- Malans Quarries Malmesbury /Vlakfontein
- Several Sand Mine permit Applications in the Western Cape
- Bongani minerals Environmental Control Officer
- Phosphate prospecting applications in the West Coast

SOME GAME FARM - PLANNING/STOCKING

- Buffelsfontein Private Nature Reserve
- Farm 171/172/173 Willowmore EC
- Groote Post Winery, Darling
- Zandjager Trust, Portions Farms 129 & 127, Willowmore EC
- Elandsfontein Private Nature Reserve, Langebaan
- Glen Frank Farm Darling

SOME PRESENTATIONS / PAPERS DELIVERED

- To SA Red Meat Abattoir Association AGM July2006—IWMP for the Red meat Abattoir industry
- Jacobuskraal HOA—Environmental Compliance Regulations and Needs

SOME PUBLICATIONS AND ECOLOGICAL IMPACT ASSESSMENTS

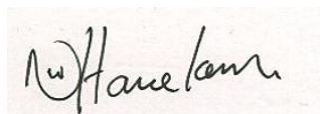
- Hanekom N. 2011. Solar Cape Photovoltaic Energy Generation Facilities land investigation in Northern Cape at Prieska, Kenhardt, Pella, Uptington, Pofadder and Keimoes
- Hanekom N. 2011. Biodiversity and Ecological Baseline Survey for Abbotsdale Housing Project on Portion Of Erf 301 Abbotsdale (Malmesbury), Western Cape.
- Hanekom N. 2011. Baseline Biodiversity and Ecological Assessment. GreenContinent Partners Photovoltaic Electricity Generation Facility. Farm Olyvenkolk 187/7, Kenhard.
- Hanekom N. 2011. Baseline Biodiversity and Ecological Assessment Prieska Photovoltaic Power Generation Project, Prieska Commonage, Northern Cape.
- Hanekom N. 2011. Baseline Biodiversity and Ecological Assessment. Solar Cape Photovoltaic Electricity Generation Facility. Farm Olyvenkolk 187/3&13, Kenhard.
- Hanekom N. 2011. Biodiversity Assessment for Saldanha Bay Solar Park, Palama Saldanha Solar and Soventix SA Saldanha 1 on farms Farm 183, 190, 191 and Portion 5 Farm 191, Malmesbury
- Hanekom N. 2012. Baseline Biodiversity and Ecological Assessment. GreenContinent Partners Photovoltaic Electricity Generation Facility. Farm Olyvenkolk 187/8, Kenhard.
- Hanekom N. 2012. Baseline Biodiversity and Ecological Assessment. Wine Estate Capital Management Photovoltaic Electricity Generation Facility. Farm Olyvenkolk 187/12, Kenhard.
- Hanekom N. 2013. Biodiversity and Freshwater Ecosystems Baseline Survey. Bredasdorp Low Income Housing Project on Portion of Erf 1148, Bredasdorp.
- Hanekom N. 2017. Baseline Biodiversity and Ecological Assessment. GreenContinent Partners Photovoltaic Electricity Generation Facility. Farm Olyvenkolk 187/6, Kenhard.

SOME SEARCH AND RESCUE AND REHABILITATION OPERATIONS

- De Hoorns Housing Project.

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experience, and me.



Nicolaas Hanekom Pri Sci Nat (Ecology).
Registration number 400274/11