



## Curriculum Vitae

### Malcolm Roods

#### Market Segment Leader

#### Transport and Planning

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Malcolm Roods is a Principal with RHDHV specializing in Environmental Impact Assessments (EIA) for electricity supply (generation, transmission and distribution), road infrastructure, residential developments as well as water management projects. This builds on a broad government background, which has made him particularly flexible. His past experience include 6 years public service which included policy development, environmental law reform and EIA reviews. His experience also includes more than 5 years of environmental consulting in the field of Impact Assessment and Authorisation Applications, with a focus on legislative requirements and business management.

Since joining the company he has been involved with major EIA projects such as the Transnet New Multi Product Pipeline (NMPP), various Rand Water Pipeline projects, numerous Eskom Research, Generation, Transmission and Distribution projects, as well as undertook Independent Reviews of the EIA process for the National Department of Environmental Affairs, etc to name but a few.

#### **Nationality**

South African

#### **Years of Experience**

15 year(s)

#### **Years with Royal HaskoningDHV**

8 year(s)

#### **Professional memberships**

Environmental Assessment Practitioners of SA,

#### **Qualifications**

**2000** BA (Hons) Geography and Environmental Management, Potchefstroom University, South Africa

**1999** BA Public and Private Sector, Potchefstroom University, South Africa

**1997** Higher Education Diploma Intermediate Phase, Potchefstroom University, South Africa

## Professional experience

### EIA and WML for the Southern WWTW Upgrades, South Africa

- > Start Date: 2013
- > Client: AECOM SA (Pty) Ltd
- > Project Value: R1,675,742.15

Assist eThekweni Municipality in applying for a Coastal Waters Discharge Permit for the Southern Wastewater Treatment Works sea outfall pipeline.

Position: Project Principal

- Assigned Tasks: Undertaking the EIA for the Waste Water Treatment Works development

### ECO for the 75MW CSP project in Bokpoort, South Africa

- > Start Date: 2013
- > Client: ACWA Power Solafrica Bokpoort CSP Power Plant (Pty) Ltd

Undertake the necessary Environmental Control Officer (ECO) duties for the monitoring of the implementation of the Environmental Authorisations (EA), Environmental Management Plans/Programmes (EMP/EMPr), Waste License(WL) and Water Use License (WUL) during the construction phase

Position: Project Principal

- Assigned Tasks: Internal review of all project documentation prior to this being submitted to the Client for review and comment.

### Environmental Impact Assessment (EIA) for P166/1-2 New Route in Nelspruit Ubuntu Engineering Consultants for SANRAL, South Africa

- > Start Date: 2012
- > Client: Ubuntu (Pty) Ltd

Environmental Impact Assessment (EIA) of the Proposed New Route P166-1/2 in Mbombela /Nelspruit.

Position: Project Principal

- Assigned Tasks: Quality controller and final reviewer

### Rendering of Various Environmental and Mine Health and Safety services on various quarries and borrow pits for the Roads and Stormwater Division, South Africa

- > Start Date: 2012

> Client: City of Tshwane Metropolitan Municipality

Rendering environmental/mine health/safety services: various quarries/borrow pits,

Position: Project Principal

- Assigned Tasks: Quality controller and final reviewer

### TTLIP - RHDHV appointed for Technical Inputs and Management Tasks relating to the Eskom project, South Africa

- > Start Date: 2012

> Client: SiVest SA

Technical Project Support is provided to SiVest in the completion of the Eskom proposed Thyspunt Transmission Line Environmental Impact Assessment (EIA). This includes completing sections of the final EIA, review of the final EIA as well as providing environmental advice to the project proponent, Eskom. Tasks also included the revision and addendum to the Visual Impact Assessment report.

Position: Project Principal

- Assigned Tasks: Final reviewer and Technical Input on the Authorisations.

### EIA and TIA for Valleyview Residential Development, South Africa

- > Start Date: 2012

> Client: Before the Wind Investments 113 (Pty) Ltd

An Environmental Impact Assessment and Traffic Assessment for the Proposed Valleyview Residential Development on Portion 22 of the Farm Naauwpoort 355-JS, in Witbank, Mpumalanga Province.

Position: Project Principal

- Assigned Tasks: Client Liaison, quality controller and final reviewer of reports.

### **Environmental Impact Assessment for the Cornubia Phase 2 Development, South Africa**

> Start Date: 2012

> Client: Tongaat Hulett Developments (Pty) Ltd

Conduct a full Environmental Impact Assessment (EIA) for the proposed Cornubia Mixed Use Phased development - Phase 2 in Mount Edgecombe, KwaZulu-Natal.

Position: Project Principal

- Assigned Tasks: Final reviewer and quality controller on the EMPR and EIA reports compiled.

### **Environmental Assessment Services for the proposed BRT Line 1, South Africa**

> Start Date: 2012

> Client: A-M Consulting Engineers (Pty) Ltd

Conducting all General Environmental Assessment Services and Public Participation Process work related to managing the process in obtaining the required environmental authorisation for the relevant authorities for the proposed BRT Line.

Position: Project Principal, Project Manager

Assigned Tasks: Reviewer and overall quality controlling of the project deliverables.

- Responsible for the Project Management, which will include regular liaison with the Client and the environmental authorities, and an on-going review of progress of all aspects of the project. Overall Project Management and quality control.

### **Cornubia Retail Park - EIA, South Africa**

> Start Date: 2012

> Client: Tongaat Hulett Developments (Pty) Ltd

Undertaking the Environmental Impact Assessment (EIA), full Public Participation Process (PPP), attending client progress meetings and providing environmental input into the planning of the proposed Phase 2 Retail Development. Aim is obtaining environmental authorisation from KZN DAEA & RD.

Position: Project Principal

- Assigned Tasks: Review Reports and supply Technical Input.

### **Technical Support to GDID: Enhancement of current Technical & Administrative Capacity, South Africa**

> Start Date: 2012

> Client: Gauteng Department of Infrastructure Development

RHDHV (in association with Messrs Ernest & Young and Nokuthula Dube & Associates cc) were appointed to provide technical support to enhance current capacity within the GDID to deliver on infrastructure projects.

Position: Specialist

- Assigned Tasks: Providing environmental legislative inputs

### **Environmental and Social Impact Study (ESIA) for Envelor Lda in Mozambique, Mozambique**

> Start Date: 2011

> Client: Envalor Lda

Appointed to obtain environmental authorisation to develop plantations, generate electricity and produce Ethanol from sugarcane and sweet sorghum, as well as the production of food crops.

Position: Project Principal

- Assigned Tasks: Environmental Management Licence Applications

### **Environmental Impact Assessment (EIA) for the SOLARFICA 75MW CSP, South Africa**

> Start Date: 2010

> Client: Lereko Metier Capital Growth Fund Manager (Pty) Ltd

Environmental Impact Assessment (EIA) for the proposed solar power plant

Position: Project Principal

- Assigned Tasks: Client consultation and overall management of the project team.

### **Environmental Impact Assessment and Environmental Management Plan for the proposed township development in Glen Erasmia Ext in the Ekurhuleni Metropolitan Municipality, South Africa**

> Start Date: 2009

> Client: Witfontein Ext. 28 (Pty) Ltd

Environmental Impact Assessment and Environmental Management Plan for the proposed township development

in Glen Erasmia Ext in the Ekurhuleni Metropolitan Municipality

Position: Project Principal

- Assigned Tasks: Quality controller and final reviewer

#### **Environmental Impact Assessment for the Rehabilitation of National Route 8 Section 12 between Tweespruit and Ladybrand, Lesotho**

Start Date: 2008

Client: PD Naidoo and Associates

Compile Environmental Scoping, Impact Assessment and Management Programme Reports required for obtaining of rights/permits for Road Rehabilitation

Position: Project Manager

- Assigned Tasks: Responsible for the Project Management, which will include regular liaison with the Client and the environmental authorities, and an on-going review of progress of all aspects of the project. Overall Project Management and quality control.

#### **EIA and WML for the Underground Coal Gasification Project and associated infrastructure in support of co-firing of gas at the Majuba Power Station, Mpumalanga, South Africa, South Africa**

> Start Date: 2008

> Client: Eskom Holdings SOC Ltd

Undertaking the Environmental Impact Assessment process for (EIA, Waste Management License, Water Use License), for the Underground Coal Gasification (UCG) project for Eskom Holdings

Position: Project Principal

- Assigned Tasks: Strategic input into the project, quality control and peer review.

#### **Basic Assessment for the proposed warehouse development, South Africa**

> Start Date: 2008

> Client: Abbeydale Building & Civils

Basic Assessment exercise for the proposed development of a warehouse on a 18, 7 hectare site

Position: Project Principal

- Assigned Tasks: Quality controller and final reviewer

#### **Environmental Impact Assessment for the Tarlton to Magalies 132 kv line, South Africa**

> Start Date: 2008

> Client: Eskom Holdings SOC Ltd

Construction of a new 132KV distribution line from Tarlton Substation to Magalies Substation and new double circuit 132KV line from Magalies to Springfarms Substation

Position: Project Manager, Project Principal

- Assigned Tasks: Responsible for the Project Management, which will include regular liaison with the Client and the environmental authorities, and an on-going review of progress of all aspects of the project. Overall Project Management and quality control.
- Quality controller and final reviewer

#### **Environmental Impact Assessment for the Transnet NMPP Inland lines in GP & MP provinces, South Africa**

> Start Date: 2008

> Client: Eskom Holdings SOC Ltd

Construction of a new 165km pipeline part of the Northern Routes (Inland Lines) components of the NMPP project.

Position: Project Manager

- Assigned Tasks: Overall project management and quality control.

#### **Germiston North substation extension & Isando 44 KV Line - Basic Assessment, South Africa**

> Start Date: 2008

> Client: Eskom Holdings SOC Ltd

Basic Assessment for the construction of an access road in Lombardy and the upgrade of the Lombardy and Bedfordview Substations

Position: Project Manager

- Assigned Tasks: Overall project management and quality control

**Capacity Building Sessions to Bridge the gap between the Environmental Management, Development Planning & Urban Management Departments, South Africa**

> Start Date: 2008

> Client: City of Johannesburg

Capacity Building Sessions to bridge the gap between the Environmental Management, and Dev PI & Urban Management

Position: Specialist

- Assigned Tasks: Specialist Studies undertaken required for Environmental Impact Assessment (EIA) processes

**Environmental Impact Assessment for the Jupiter to Sebenza 400kV line, South Africa**

> Start Date: 2008

> Client: Eskom Holdings SOC Ltd

Construction of a new 400KV transmission line from Jupiter to Sebenza Substations and associated 400kV lines, Gauteng

Position: Project Principal

- Assigned Tasks: Quality controller and final reviewer