

JANAVI MELLISSA JARDINE

Environmental Impact Assessor & Wetland Specialist –Tellurian Environmental (Pty) Ltd

QUALIFICATIONS (Tertiary Institutions)

University Degrees:

- BSc Botany and Zoology (2005). *University of Johannesburg* [including Geology, Biogeochemistry and Chemistry]
- BSc Honours in Biodiversity and Conservation (2006). *University of Johannesburg* [including dissertation]

Additional Courses:

2006: Off road Advanced 4 x 4 driving skills

2006: Boating skills

2010: Industrial Waste Water Treatment Workshop, Prof Chirwa, University of Pretoria.

2010: Planet GIS user training

2010: Photoshop for beginners

2011: Health and Safety Representative Training

2011: SAMTRAC, NOSA.

WORK EXPERIENCE:

February 2014 to Date: – *Tellurian Environmental (Pty) Ltd*

Tellurian is an environmental risk advisory company focusing on the conservation industry, as well as implementing and undertaking EIA's within the construction industry by investing in sound environmental practices and providing expertise in game lodge management, environmental permitting and EIAs, site supervision and compliance auditing. Tellurian is able to provide hands on approach to specific projects and ensure Quality Compliance with all applicable legislation.

I am also able to provide expertise in the following areas:

- Permit and Authorisation Applications (EIA's)
- Strategic Planning of Environmental related Project Aspects
- GIS Mapping Services
- Wetland Assessments
- Visual Impact Assessments
- Input to Conceptual Designs
- Provide recommendations on environmental "Green Initiatives"
- Undertake site supervision and inspections to ensure environmental compliance to application legislation (Compliance Auditing)
- Interact with Government Departments to ensure Projects meet all requirements and conditions of their Authorisations.
- Specialist studies, wetland management, rehabilitation plans, EMPs

May 2012 – January 2014: - Cabanga Concepts cc

Completed Environmental Projects

Responsibilities

- Reporting to Division Project Manager.
- Conduct EIA/EMP's for mines.
- Conduct Visual Impact Assessments.
- Conduct Wetland Assessments.
- Liaise with clients and government departments.
- Project Management.
- Proposals and project budgeting.
- Managing specialist sub-consultants.
- Conduct Water use license applications and Integrated Water and Waste Management Plans.
- Conduct environmental workshops for clients.

Major Projects

- Shanduka Springlake Siding - EIA/EMP.
- Shanduka Springlake Siding – IWWMP and IWULA.
- Shanduka Springlake Siding – VIA.
- Shanduka Leeuwfontein and Lakeside – IWWMP update.
- Idwala Crypts Vierfontein Colliery – IWWMP and IWULA.
- Idwala Crypts Vierfontein Colliery – VIA.
- Idwala Crypts Brakfontein Colliery – VIA.
- Idwala Crypts Brakfontein Colliery – Noise Assessment.
- Rietfontein Colliery – VIA.
- Eskom Elandspruit Power Line – VIA.
- Total Coal Overlooked Colliery – VIA.
- Total Coal Overlooked Colliery – Wetland Assessment.
- IG Chem – Waste License Application and EIA.
- G & W Base Minerals Benadeplaats Limestone Mine – EIA/EMP (NEMA & MPRDA).
- G & W Base Minerals Benadeplaats Limestone Mine – IWWMP and IWULA.

March 2010 to April 2012: – Newtown Landscape Architects CC

Roles and Responsibilities

Undertaking of EIA's (incl specialist studies, public participation, authority liaison, client interaction, approval and permit authorisations), compilation of EMP's and Compliance Auditing of construction projects.

Major Projects

- Mogale City Local Municipality -Luipaardsvlei landfill site expansion – EIA.
- Mogale City Local Municipality -Magaliesburg landfill site – EIA.
- Mogale City Local Municipality -Magaliesburg WWTW – EIA.
- Mogale City Local Municipality -Uthlanong Drv storm water and roads upgrade - BAR.
- Mogale City Local Municipality -Rietvallei storm water and roads upgrade - BAR.
- Mogale City Local Municipality - Azaadville Housing development – BAR.
- Ekurhuleni Municipality - Leeupan Environmental Centre – ECO audits and WULA.

-
- Group Five - Princess Plots Temporary Housing Development – ECO audits.
 - Mogale City Local Municipality -Percy Stewart WWTW – ECO audits and management of specialists.

February 2006 – November 2006 (PART TIME) – Site Works Landscaping

Horticulturalist / Site manager, Site Works Landscapes

Responsibilities

- Reporting to Area manager.
- Supervision and Management of building and horticulture labourer team.
- Management of the building and installation of hard-landscaping structures.
- Sales presentations and landscape design presentations.
- Collaboration with other labourer teams and landscapers.

February 2005 – December 2005 (PART TIME)- KH Landscape Architects

Environmental Assistant and Control Officer

Responsibilities

- Reporting to company CEO.
- Conducted and compiled research to assist with Environmental Impact Assessments and Basic Assessments.
- Prepared Environmental reports for submission.
- Performed administrative functions.
- Assisted and accompanied Principal EAP with Environmental Control Audits.
- Compiled environmental bulletins for distribution to the Southern Sun Hotel group.

Conferences, Publications and Talks

Co-author of Corrigan BM, Van Wyk B-E, Geldenhuys CJ and Jardine JM. (2010). Ethnobotanical plant uses in the KwaNibela Peninsula, St Lucia, South Africa. South African Journal of Botany. September 2010.

Jardine JM, De Lange-Jacobs PC & Durand JF (2006) A comparison of the Pineal complex, parietal eye, optical lobes and eyes of two skink species, namely surface dwelling *Mabuya striata* and the burrowing skink, *Acontophiops lineatus*. (Abstract published in the South African Journal of Science and Technology).

Achieved 2nd place as speaker in Zoology honours symposium and consequently received an invitation to speak at the Annual Congress of Biological Science at the University of the Free State (2006).

Achieved 2nd place as speaker at the International Plant Use Forum conference in 2007 for a project undertaken in KwaNibela, St Lucia.