

## **CURRICULUM VITAE**

**M BURGER**

Name : **BURGER, MARLI**  
Date of Birth : 3 September 1982  
Marital Status : Single  
Profession/Specialisation : Water Use Consultant / Resource Conservation Consultant  
Nationality : South African  
Years experience : 10

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## **KEY QUALIFICATIONS**

Marli Burger is a Resource Consultant with Nature Conservation training and environmental law enforcement background. She has specialised in Adaptive Management of Resources and has expanded her skills to include consultation in the field of legal requirements as prescribed by the National Water Act, Act 36 of 1998. Her project management experience includes a wide variety of projects of which the effective administration of Water Use Licence Applications necessitated the development of her own more systematic approach. Her passion for and interest in Environmental Legislation motivated her to establish a firm foundation of knowledge by means of completing the Environmental Management Inspector training course.

Developing adaptive management plans for several private game farms and lodges provided her with hands-on experience of translating site specific conditions and relevant recommendations into a working document that is both scientifically accurate as well as fit for practical implementation by staff with limited training or experience.

During the course of her occupation at Gauteng Department of Agriculture and Rural Development, Special Investigations, her duties included performing investigations on the illegal trade in endangered species (CITES), as well as on restricted activities of Threatened or Protected (TOPS)- and Gauteng Nature Conservation listed species at O R Tambo International Airport as well as related investigations across provincial and national borders of South Africa.

The investigative duties at GDARD have equipped her with a broad knowledge of legal interpretations of the National Environmental Management Act and related environmental legislations, policies and guideline documents. Additionally, she has also gained extensive experience in terms of mitigation between government departments and the private sector. Her contribution towards cooperative governance at O R Tambo International Airport was acknowledged with an award by the South African Police Service.

Another key function at GDARD was for her to provide endangered species training to stakeholders and other government units, such as SARS Customs and SARS dog unit, SAPS, Department of Agriculture. This involved PowerPoint presentations and practical training.

While lecturing in Nature Conservation and – Management subjects at Tshwane University of Technology and Centurion Academy, she has acquired a further set of skills that enable her to communicate a wide range of environmental management information in visual, verbal and written forms to a variety of target audiences with great success.

Her most recent employment as project manager and WUL applications consultant has provided her with a good working knowledge of the environmental authorisation process. Her duties included managing company finances; reporting on DWA assessment and financial status of projects; correspondence with clients, specialists and DWA; attending project meetings; compiling WULA submission documents, training staff; updating relevant legislation archives; providing assistance on general water-related queries; researching latest waste management and water monitoring technology for projects; maintaining and updating website and social media pages, public participation for projects and providing assistance at public meetings.

**EMPLOYMENT RECORD**

2014 – current	Galago Environmental Consultants <b>Water use consultant</b>	(Gauteng)
2013 – 2013	ThandaManzi Water Consultants <b>Project manager &amp; application consultant</b>	(Gauteng)
2012 – 2012	Centurion Academy <b>Lecturer (full-time): Dept. Nature Management</b> Tshwane University of Technology <b>Lecturer (part-time): Dept. Nature Conservation</b>	(Gauteng)
2010 – 2011	Self-employed	(Gauteng)
2008 – 2010	GDARD <sup>1</sup> <b>Chief Nature Conservator</b>	(ORTIA <sup>2</sup> , Gauteng)
2007 – 2008	GDAE <sup>3</sup> <b>Senior Nature Conservator</b>	(ORTIA, Gauteng)
2007 – 2007	Tshwane University of Technology <b>Student Assistant: Dept. Nature Conservation</b>	(Pretoria)
2006 – 2006	Rietvlei Nature Reserve <b>Experiential training part time</b>	(Pretoria)
2006 – 2006	South African National Parks <b>Student Research Post – water quality &amp; river profile monitoring</b>	(Rondevlei, Western Cape)
2005 – 2005	Lion Park <b>Part time – adaptive management plan</b>	(Fourways)
2005 – 2005	Manyane Game Farm & Mangwa Valley Lodge <b>Part time – adaptive management plans</b>	(Dinokeng, Gauteng)
2004 – 2004	Monate Game Lodge <b>Part time – vegetation monitoring</b>	(Nylstroom)

**EXPERIENCE RECORD**

**ABI bottling plant (Coca-cola), Hercules - Water use license. Gauteng, 2013. Water use consultant.** Conducting the Public Participation process and Water Use License Application for new borehole abstraction to replace current municipal source.

**Byl's Bridge Office park (M & T Development), Centurion –. Water use license. Gauteng, 2013. Water use consultant.** Conducting cooperative governance meetings with DWA, CoT and applicant in order to resolve Public Participation issues affecting the progress of WULA.

**Groblersdal Regional shopping centre - Water use license. Gauteng, 2013. Water use consultant.** Conducting the WULA for a road crossing and decommissioning of existing irrigation dam for construction of the proposed Groblersdal Regional shopping centre.

**Coca-cola bottling plant (Coca-cola), Lagerspoort – Water use license amendment. Gauteng, 2013. Water use consultant.** Conducting the amendment WULA for the abstraction from new boreholes.

**Eco Park Attenuation Dam (M & T Development) – Water use license amendment. Gauteng 2013. Water use consultant.** Conducting the amendment to the existing license for lowering existing dam wall.

**K220 road (M & T Development) - Water use license amendment. Gauteng, 2013. Water use consultant.** Conducting the amendment WULA for the widening of a culvert for the proposed new K220 road connecting to the R21.

**Kameeldrift Feedlot and Abattoir, Cullinan - Water use license amendment. Gauteng, 2013/4. Water**

<sup>1</sup> Gauteng Department of Agriculture and Rural Development

<sup>2</sup> O R Tambo International Airport

<sup>3</sup> Gauteng Department of Agriculture, Conservation and Environment

**use consultant.** Conducting the WULA and responding to public participation issues for the abstraction and storage of water, irrigation with and discharge of waste water and abattoir effluent treatment.

**Land Parcel 8 commercial development (Atterbury Properties), Midrand - Water use license. Gauteng, 2013. Water use consultant.** Conducting the WULA for the construction of an Eskom substation, distribution warehouse park and associated dual carriageway to cross an area of wetland.

**Land Parcel 21 commercial development (Atterbury Properties), Buccleugh, Midrand - Water use license. Gauteng, 2013. Water use consultant.** Conducting the WULA for the construction of Cell C customer care service centre and associated widening of the K101 culverts.

**Land Parcel 3 commercial development (Atterbury Properties), Midrand - Water use license. Gauteng, 2014. Water use consultant.** Conducting the public participation process and WULA for the construction of a distribution warehouse park.

**Mleki's Beef Feedlot (Department of Rural Development), Cullinan - Water use license. Gauteng, 2013. Water use consultant.** Conducting the WULA for the abstraction and storage of water, irrigation with and discharge of waste water.

**Newcastle Filling Station (Sasol), Newcastle - Water use license. Gauteng, 2013/4. Water use consultant.** Conducting the WULA for construction of a Sasol petrol station within 1:100 year floodline.

**Rietvlei Farm Village mixed residential development, Pretoria - Water use license. Gauteng, 2013/4. Water use consultant.** Conducting the WULA for a large residential development with school, sports facilities, horse stables, small agricultural activities and own sewerage treatment plant.

**Secunda mixed commercial/business development, Secunda - Water use license. Gauteng, 2013/4. Water use consultant.** Conducting the WULA for a mixed use development in Secunda CBD for an access road crossing a stormwater channel and development within 1:100 year floodline.

**Six Fountains mixed commercial/residential development (Uniqon Wonings), Hazeldean, Pretoria - Water use license. Gauteng, 2013/4. Water use consultant.** Conducting the WULA for a large residential and business development within 500m from a wetland with a wetland road crossing.

**Teak Place mixed commercial/residential development, Cradle of Humankind - Water use license. Gauteng, 2013/4. Water use consultant.** Conducting the WULA for an environmentally friendly residential and business development with wetland road crossings and own sewerage treatment plants.

**Lion Park, Lanseria. Gauteng 2006. Resource consultant.** Adaptive Management Plan for tourism park reserve with specific focus on alien vegetation and fire regime.

**Manyane Game Farm, Dinokeng. Gauteng 2005. Resource consultant.** Adaptive Management Plan for private game farm with focus on stocking rates for hunting purposes.

**Mangwa Valley Game Lodge, Dinokeng. Gauteng 2005. Resource consultant.** Adaptive Management Plan for private game lodge with focus on stocking rates for tourism purposes.

**Monate Game Lodge, Nylstroom, Limpopo 2004. Resource consultant.** Annual vegetation monitoring to update proposed stocking densities for tourism and hunting purposes.

## **EDUCATION**

- 2007 – 2008 Tshwane University of Technology  
**Baccalaureus Technologiae Nature Conservation (Cum Laude)**
- 2004 – 2006 Tshwane University of Technology  
**National Diploma Nature Conservation (Cum Laude)**

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## **CAREER ENHANCING COURSES**

- 2012 Conservation Medicine course (National Research Foundation)  
 2009 Peace officer training (GDARD)  
 2008 Compliance and Control training course (GDARD)  
 2007 Environmental Management Inspectorate (EMI) training course (University of Pretoria & Department of Environmental Affairs)  
 2001 Writing, editing, design seminar (Rhodes University)  
 1999 Basic Photography Course
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## **AWARDS**

- 2010 SAPS Award for Cooperative Governance at O R Tambo International Airport (ACSA)  
 2005 TUT Award for Resource Development  
 2005 TUT Award for Conservation Communication
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## **OTHER PROJECTS**

- 2013 – 2014 **Water use and quality monitoring** toward conservation of the National Reserve (Research for proposed MSc involving Reonet and DWA)  
 2009 – 2010 **Cooperative governance training** at O R Tambo International Airport  
 Presented training to Government departments on CITES and National legislation  
 2008 – 2009 **Stakeholder awareness training**  
 Presented training to stakeholders and development of quick identification guide: Electronic Species Identification Guide  
 2008 – 2008 **Pilot study for endangered species dog unit at ORTIA**  
 Dog Unit Research Program  
 2007 – 2008 **Review of legal trade in Black and White Rhino**  
 Electronic Database Development for Endorsed CITES permits  
 2005 – 2005 Conservation Communication: Tshwane University of Technology  
**Environmental Education Program** at Wonderboom-Suid Primary School
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## **LANGUAGES**

	<b><i>Reading</i></b>	<b><i>Writing</i></b>	<b><i>Speaking</i></b>
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent

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