

APPENDIX H

DETAILS OF EAP AND EXPERTISE

CURRICULUM VITAE



SARAH BAXTER

NAME OF FIRM : JG AFRIKA (PTY) LTD

NAME OF PERSON : SARAH BAXTER

NATIONALITY : SOUTH AFRICAN

DATE OF BIRTH : 1984/11/26

PROFESSION : ENVIRONMENTAL SCIENTIST

POSITION IN FIRM : ENVIRONMENTAL SCIENTIST

QUALIFICATION : Pr.Sci.Nat; BSc (Hons) (Env Sci), BSc (Env Sci)

SPECIALISATION IN FIRM : ENVIRONMENTAL IMPACT ASSESSMENTS, WASTE LICENSE APPLICATIONS, ENVIRONMENTAL MANAGEMENT PROGRAMMES AND COMPLIANCE MONITORING, SCREENING ASSESSMENTS, WATER USE AUTHORISATIONS, ISO 14001:2004 ENVIRONMENTAL MANAGEMENT SYSTEMS IMPLEMENTATION AND MONITORING, GIS

YEARS OF EXPERIENCE : 8

YEARS WITH FIRM : 4

SUMMARY OF EXPERIENCE

Sarah Baxter is an Environmental Scientist at JG Afrika (Pty) Ltd with 8 years of experience within a wide variety of environmentally-related spheres. These include Basic and Full Environmental Impact Assessments (BA and EIA), the development of Environmental Management Programme's (EMPr), Compliance Auditing, applications for Waste Management Licenses (WML), Atmospheric Emissions Licenses (AEL) and Water Use Authorisations in terms of the Specific Environmental Management Acts, and the Public Participation Process, as well as the undertaking of pre-application Screening Assessments.

Projects undertaken include road upgrades, municipal infrastructure installations, such as wastewater and water treatment works and landfill sites, agricultural applications, filling stations, powerlines and substations, residential developments, ranging from low income to high income residential estates, as well as the establishment of industrial plants and warehousing parks.

SOCIETY MEMBERSHIP

Pr.Sci.Nat : Registered with the South African Council of Natural Scientific Professions as a Professional Natural Scientist in the field of Environmental Science (Reg No. 400716/15)

IAIASA : International Association of Impact Assessors South Africa (Member No. 2271)

IWMSA : Member of Institute of Waste Management Southern Africa (Membership No. 40113119)

ELA : Member of Environmental Law Association

EDUCATION

- 2002 : **Matric (with full exemption)** – Wartburg Kirchdorf School, KwaZulu-Natal
- 2005 : **BSc (Environmental Science)** - University of KwaZulu-Natal
- 2006 : **BSc Honours (Environmental Science)** – University of KwaZulu-Natal
- 2016 : **LLM (Environmental Law)** – University of Cape Town (in progress)

OTHER TRAINING

- 2015 : Imbewu Sustainability Legal Specialists (Pty) Ltd: *Environmental Impact Assessment 2014 Legal Regime.*
- 2014 : University of Stellenbosch Department of Civil Engineering: *Environmental Engineering*
- : Aspects International: *IEMA Approved Foundation Course in Environmental Auditing South Africa (ISO 14001:2004 Series), fulfilling the training requirements as an EMS Lead Auditor*

SELECTION OF SPECIFIC PROJECT EXPERIENCE

JG Afrika (Pty) Ltd

- 2015 & 2016 : *Gibson Bay Wind Farm Grid Connection, Humansdorp – Environmental Control Officer - **Eskom***
- : *Installation of a Filling Station and associated facilities and infrastructure on Portion 1 of the Farm Seaview No. 746, East London – Basic Assessment and Water Use License – **Kempston Group***
- : *Upgrade of Sections 19 & 20 of the N2 Freeway between Mount Frere and the Ngcweleni River – Basic Assessment, Mining Permit & Water Use License Applications – **SFC Engineers & SANRAL***
- : *Establishment of the Makaula 132 kV powerline & substation in Umzimvubu Local Municipality, Eastern Cape – Basic Assessment – **Eskom***
- : *Establishment of a new Landfill Site at Qweqwe near Mthatha, Eastern Cape – Scoping and EIA and Waste License Application – **Ikamva Consulting & King Sabata Dalindyebo Municipality***
- : *Establishment of the Rosedale Water Treatment Plant & associated infrastructure in Mthatha, King Sabata Dalindyebo Local Municipality – Basic Assessment and Water Use License Application – **Gibb Engineering, Amatola Water & OR Tambo District Municipality***
- 2014 : *Establishment of the Qumbu – Amacwera 132 kV powerline and substation in Mhlontlo Local Municipality, Eastern Cape – Basic Assessment – **Eskom***
- : *Establishment of the Gqunqe Development Node near Mazeppa Bay on the Wild Coast, Mnquma Local Municipality, Eastern Cape Province – Screening Assessment, Feasibility Assessment and input into detailed design – **MBV Property Development***
- : *Upgrade and expansion of poultry broiler facilities on the Remainder of the Farm Dargle No. 913, uMngeni Municipality – Basic Assessment – **Gravic Farm Trust***
- : *Due Diligence Assessments of Poultry Breeder Facilities, Hatcheries, Broiler Facilities, Feed Mills , Abattoirs and Rendering Plants in Bloemfontein area, Free*

State Province – Sovereign Foods

- : *Upgrade and expansion of poultry laying and rearing facilities, uMngeni Municipality – Basic Assessment – Merrivale Poultry Farm cc*
- 2013** : *Establishment of the Greater Mpofana Bulk Water Supply Scheme – Scoping and EIA – Umgeni Water*
- : *Upgrade of the Richmond Wastewater Treatment Works – Basic Assessment and Waste License Application – uMgungundlovu District Municipality*
- : *Licensing of existing and proposed activities at the Sutherlands Tannery – Scoping and EIA and Waste License Application – Sutherlands Tannery (Pty) Ltd*
- : *Establishment of a compulsory truck stop and truck crawler lane on the N2, Section 21 between Kokstad and Stafford Post – Compliance Monitoring – SANRAL*
- 2012** : *Establishment of the Camperdown Wastewater Treatment Works and Sewer Reticulation Network – Scoping and EIA and Waste License Application – uMgungundlovu District Municipality*
- : *Establishment of the John Dube Memorial Hospital – Scoping and EIA - Department of Public Works.*
- : *Establishment of a Light Industrial Development – Scoping and EIA – Afroprop (Pty) Ltd*
- : *Establishment of the Underberg Wastewater Treatment Works and associated Sewer reticulation – Scoping and EIA and Waste License Application – Sisonke District Municipality*
- : *Upgrade of the Umgeni Road Interchange – Compliance Monitoring – Goba.*
- : *Upgrade of Section 26 of the N2 Freeway between Mt Edgecombe and Tongaat – Compliance Monitoring – Group Five*

Green Door Environmental

- 2009 - 2012** : *Lions River Low Income Housing Development – Scoping and EIA – uMngeni Local Municipality*
- : *Lidgetton West Low Income Housing Development – Basic Assessment – uMngeni Local Municipality*
- : *Ithubalethu Low Income Housing Development – Scoping and EIA – uBuhlebezwe Local Municipality*
- : *St Joseph's Housing Development – Basic Assessment – Catholic Archdiocese of Durban*
- : *Establishment of a Residential Estate – Basic Assessment – Fordoun Development Company*
- : *Small residential development – Basic Assessment – New Venture Trust*
- : *Compilation of a Compliance Guideline Document for the South African Pork Industry: Legal Environmental Compliance – South African Pig Producers and Premier Pork Producers*
- : *Compilation of a Compliance Guideline for the South African Pork Industry: Meat Producers, Abattoirs and Waste Management – South African Pig Producers and Premier Pork Producers*
- : *Mpophomeni Wastewater Treatment Works upgrade – Scoping and EIA–*

uMngeni Local Municipality

- : *Community-owned Cultivation Scheme* – Basic Assessment – **Agribusiness Development Agency**
- : *Construction of a Filling Station and Tourist Facility* – Basic Assessment – **The Unlimited World**
- : *Construction of two Pedestrian Bridges* – Basic Assessment – **KZN Department of Transport**
- : *Establishment of a Warehouse Park* - Scoping and EIA – **Ducatus Investments 30 cc**
- : *Establishment of a 35 000m² Shopping Mall* – Scoping and EIA – **McCormick Property Development**
- : *Construction of Low Income Housing and installation of a Sewer Reticulation Network* – Basic Assessment – **Msunduzi Local Municipality**
- : *Wood Pellet Plant* – Waste License Application – **Biotech Fuels (Pty) Ltd**
- : *Establishment of a Residential Wine Estate* – Basic Assessment and Waste License Application – **Highgate Family Trust**
- : *Disposal of Abattoir Waste* – Basic Assessment and Waste License Application – **R&R Abattoir**
- : *Construction and upgrade of Rural Roads in Ulundi and Nongoma Local Municipalities* – Environmental Compliance Monitoring and Reporting – **KZN Department of Transport**
- : *Crocodile Farm* – EMP and Compliance Monitoring – **South African Crocodile Traders**
- : *Landfill Site* – Water Quality Monitoring and Compliance Monitoring – **uMngeni Local Municipality**

EnviroScope cc.

- 2009** : *Construction and upgrade of Rural Roads* – Basic Assessment – **KZN Department of Transport**
- : *Staff Housing Development* – Construction and Operational EMP and compliance monitoring - **Hiltonian Society**
- : *Establishment of Staff Housing* – Scoping and EIA – **Merensky**
- : *Construction of forestry roads and causeways* – Basic Assessment – **Mondi**
- : *Establishment of a telecommunications mast* – Basic Assessment – **Telkom**

ADDITIONAL PROJECT SPECIFIC EXPERIENCE CAN BE PROVIDED UPON REQUEST.

LANGUAGES

- English** : *Excellent*
- Afrikaans** : *Good*
- German** : *Fair*

herewith certifies that

Sarah Merle Baxter

Registration number: 400716/15

is registered as a

Professional Natural Scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)

in the following field(s) of practice (Schedule I of the Act)

Environmental Science

11 March 2015



11 March 2015

Pretoria

Handwritten signature of the President of SACNASP.

President

Handwritten signature of the Executive Director of SACNASP.

Executive Director