

## Curriculum vitae: Mr AB LAWSON

Name : **LAWSON, ALLAN BRETT**  
 Date of Birth : 15 July 1954  
 Profession/Specialisation : Environmental Specialist  
 Years with Firm : 8  
 Nationality : South African  
 Years experience : 39

### Key qualifications

Mr Lawson has a Masters in Environmental and Geographical Science, in addition to qualifications pertaining to wildlife management, business management, environmental management and environmental auditing.

He spent 12 years in the field of wildlife management and research with conservation agencies in Southern Africa, including South Africa; and nine years in the holistic field of environmental management in the National Lake Areas and for Eskom.

In 1995 Mr Lawson was one of the founders of Bohlweki, the first emergent environmental consultancy established in South Africa. He later started The Environmental Partnership which he relinquished in 2004 as a fully empowered environmental consultancy. He thus has considerable multi-disciplinary experience across the range of environmental sciences.

### Employment record

03/2009 - Date	Aurecon (previously Africon, Connell Wagner and Ninham Shand), Environmental Unit Manager
2004 - 02/2009	Ninham Shand, Cape Town/George, Associate
1998 - 2004	The Environmental Partnership, Cape Town, Director
1995 - 1998	Bohlweki Environmental (Pty) Ltd, Cape Town, Chief Consultant
1990 - 1995	Eskom, Western Cape, Environmental Advisor
1985 - 1990	National Parks Board, Western Cape, Senior Ranger/Warden
1982 - 1985	National Parks Board, Free State, Ranger
1980 - 1982	Department of Nature and Environmental Conservation, Western Cape, Research Technician
1975 - 1980	Department of Nature and Environmental Conservation, Western Cape, Conservator
1974 - 1975	Limshapo Game Conservation Syndicate, Botswana, Game Ranger
1973	Mineral Services (Pty) Ltd, Namibia, Field Technician

### Experience record

**Working for Wetlands: rehabilitation and restoration planning (Western Cape, South Africa) 2010 - date.** *Project Director.* The project provided assistance in the management and requisite authorisation requirements for rehabilitating priority wetlands within South Africa. (South African National Botanical Institute (SANBI)).

**Al Ain area surface transport master plan (Abu Dhabi, United Arab Emirates) 2010 - date.** *Environmental Specialist.* The project entailed the transport master plan for the Al Ain surface. Responsible for providing specialist environmental management input into a transport master plan commissioned by the Abu Dhabi Department of Transport.

**Floating Liquefied Natural Gas (LNG) Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) (Western Cape, South Africa) 2010.** *Project Director.* The project entailed an Environmental Impact Assessment (EIA) process for the development of a facility to transfer LNG from an LNG vessel to shore in order to bolster feedstock supply to PetroSA's gas-to-liquid facility at Mossel Bay.

**Moatize Coal Mine expansion (Tete Province, Mozambique) 2010.** *Project Manager.* The project comprised an Environmental Impact Assessment (EIA) process for the expansion of the existing coal mine in northern Mozambique. This formed part of a larger project that included a railway line to the coast at Nacala.

This large-scale EIA relied heavily on a number of specialists and detailed technical input

**Tutuka Power Station brine and groundwater infrastructure Environmental Impact Assessment (EIA) (Mpumalanga, South Africa) 2009 - date.** *Project Director.* The project entailed an Environmental Impact Assessment (EIA) process to reduce its operational environmental impacts at the Tutuka Power Station through the establishment of a brine concentration plant and a groundwater abstraction plant.

**Waterberg coal-fired power station environmental process (Limpopo, South Africa) 2008 - date.** *Project Director.* The project comprised an Environmental Impact Assessment (EIA) and the compilation of an Environmental Management Plan (EMP) for the construction of a new coal-fired power station in the Waterberg area. This large-scale project included extensive public participation and a suite of specialist studies.

**Paratus emergency generation facility environmental process (Walvis Bay, Namibia) 2008.** *Project Director.* Responsible for managing the environmental process in relation to a proposed 50MW heavy fuel oil emergency electricity generation facility located in the industrial port area.

**Environmental and Socio-Economic Impact Assessment (ESIA) for a proposed NamPower coal-fired power station (Walvis Bay, Namibia) 2008.** *Project Director.* The project included an ESIA for a proposed coal-fired power station at Walvis Bay. The project further entailed a site screening and selection process, a scoping study and an ESIA, supported by an Environmental Management Plan (EMP). (NamPower).

**Rössing Uranium Mine expansion project (Erongo Region, Namibia) 2007.** *Project Director.* Responsible for managing a comprehensive and multi-disciplinary Environmental Impact Assessment (EIA) process for Phase 1 of the mine expansion project. (Rössing Uranium Limited).

**Emergency electricity generation for the PetroSA Refinery (Mossel Bay, Western Cape, South Africa) 2006.** *Project Manager.* The project entailed a scoping checklist submission for the temporary installation of three 22MW portable open cycle gas turbine electricity generating plants within the PetroSA Refinery site in Mossel Bay. The objective of the installation was to augment electricity generation in the Western Cape until permanent open cycle gas turbine plants could be brought on line at Mossel Bay and Atlantis. (Eskom).

**New coal-fired power station and associated infrastructure in the Witbank area (Mpumalanga, South Africa) 2006.** *Project Manager.* Responsible for managing a comprehensive and multi-disciplinary Environmental Impact Assessment (EIA) process for a new 5 400MW base-load power plant and associated infrastructure. (Eskom).

**Additional units at the open cycle gas turbine plant at Mossel Bay (Western Cape, South Africa) 2006.** *Project Manager.* Responsible for managing a comprehensive and multi-disciplinary Environmental Impact Assessment (EIA) process for three additional gas turbine units at the peaking generation power plant in Mossel Bay. (Eskom).

**Melkhoutfontein landfill site environmental process (Stilbaai, Western Cape) 2006.** *Consulting Team Member.* Responsible for managing an Environmental Impact Assessment (EIA) process for a new landfill site in collaboration with GeoStatus Engineering Geologists. (Hessequa Municipality).

**Open cycle gas turbine power plant, fuel supply pipeline, substation and transmission lines (Mossel Bay, Western Cape, South Africa) 2006.** *Project Manager.* An Environmental Management Plan (EMP) was compiled for the construction of a new peaking generation power plant and associated infrastructure. (Eskom).

**Independent review of the Environmental Impact Assessment (EIA) for a golf course development (Plettenberg Bay, Western Cape, South Africa) 2006.** *Project Manager.* During this project, an independent review of the EIA documentation and process for a Roodefontein golf course/residential development was done. (Department of Environmental Affairs and Development Planning).

**Alien vegetation eradication and rehabilitation, Fancourt Estate (George, Western Cape, South Africa) 2006.** *Consulting Team Member.* During this project, an alien vegetation eradication and rehabilitation plan was formulated for a landholding on the Malgas River. (Fancourt Golf and Country Estate).

**Baden Powell Drive realignment project (Cape Town, Western Cape, South Africa) 2005.** *Project Manager.* The project entailed a scoping checklist submission, which included an environmental

opportunities and constraints report and comprehensive public participation, for the realignment of a Class 1 expressway. The realignment formed one of the City of Cape Town's urban renewal programme projects. (City of Cape Town).

**Berg River Dam project (Western Cape, South Africa) 2005.** *Environmental Monitor.* Responsible for performance monitoring of the application of the Environmental Management Plan (EMP) for a significant dam construction project. (Berg River Consultants).

**Independent review of the Environmental Impact Assessment (EIA) for a golf course development (Malmesbury, Western Cape, South Africa) 2005.** *Project Manager.* During this project, an independent review of the EIA submission for the Mount Royal golf course/residential development was carried out. (Department of Environmental Affairs and Development Planning).

**Taal Monument security fence construction, Paarl Mountain (Western Cape, South Africa) 2005.** *Project Manager.* A Conservation Management Plan (CMP) and construction guidelines for the erection of a new security fence around a cultural precinct were formulated as part of this project. (Department of Public Works (DPW)).

**Helderstroom Prison upgrade (Caledon, Western Cape, South Africa) 2004.** *Project Manager.* The project comprised a scoping-level Environmental Impact Assessment (EIA) for new and replacement housing, recreational facilities and a fuel station. (Department of Public Works (DPW)).

**Kraaifontein residential development (Western Cape, South Africa) 2004.** *Project Manager.* The project consisted of a scoping checklist submission for rezoned agricultural land. (EGT Developers).

**Environmental Management System (EMS) for a toll road (Cape Town, Western Cape, South Africa) 2003 - 2004.** *Consulting Team Member.* The project entailed participation in the design of an EMS for Chapmans Peak Drive and implementation by means of the Isometrix software application. (Toll Road Operator).

**Cape Town International Convention Centre EMP (Cape Town, Western Cape, South Africa) 2003.** *Project Manager.* The project consisted of the compilation and application of an Environmental Management Plan (EMP) for the construction of a new world-standard convention centre. (Private Provincial Partnership).

**Chapmans Peak Drive road rehabilitation (Western Cape, South Africa) 2002 - 2004.** *Project Manager.* Responsible for applying the Environmental Management Plan (EMP) and managing the environmental monitoring committee. (Provincial Government).

**Independent review of the Environmental Impact Assessment (EIA)/Environmental Management Plan (EMP) for the Chapmans Peak Drive road rehabilitation (Cape Town, Western Cape, South Africa) 2002 - 2004.** *Consulting Team Member.* During this project, an independent review and advisory service for the planning, approval and construction of the road rehabilitation was provided. (Provincial Government).

**Blue Downs Police Station EIA (Western Cape, South Africa) 2002.** *Project Manager.* During this project, an Environmental Impact Assessment (EIA) for a new police station was carried out. (Department of Public Works (DPW)).

**Independent review of a power line Environmental Impact Assessment (EIA) (Northern Cape, South Africa) 2002.** *Project Manager.* This project entailed an independent review of the Oasis - Kanoneiland 66kV power line Environmental Impact Assessment (EIA) process and documentation. (Eskom).

**Liesbeek River canal rehabilitation (Cape Town, Western Cape, South Africa) 2002.** *Project Manager.* During this project, an Environmental Impact Assessment (EIA) for the rehabilitation of Liesbeek River Canal was undertaken. (City of Cape Town).

**Durban Port master plan (Durban, KwaZulu-Natal, South Africa) 2002.** *Specialist on Consulting Team.* The project focused on the environmental component of master plan formulation for Durban Port. (National Ports Authority).

**Kalk Bay heritage assessment (Kalk Bay, Western Cape, South Africa) 2002.** *Project Manager.* The project entailed a public participation process for the redevelopment of the new Kings Hotel and Majestic Village historical sites. (Private Developer).

**Paarl farms planning study (Western Cape, South Africa) 2002.** *Specialist on Consulting Team.* This project consisted of the biophysical component of a forward-planning study of farmland within Paarl's urban area. (Drakenstein Municipality).

**Strategic Environmental Assessment (SEA) for the Lansdowne Road corridor (Cape Town, Western Cape, South Africa) 2002.** *Project Manager.* The project comprised a SEA for the Lansdowne Road development corridor. (City of Cape Town).

**Table Mountain National Park's Glen, Boulders and Constantia Nek facilities environmental processes (Cape Town, Western Cape, South Africa) 2001 - 2003.** *Project Manager.* During this project, Integrated Environmental Management (IEM) processes for the redevelopment of tourist amenities were performed. (SANParks).

**Kuilsrivier housing development environmental assessment (Western Cape, South Africa) 2001.** *Project Manager.* During this project, an Environmental Impact Assessment (EIA) off Bardale Village's economic housing project was carried out. (Private Developer).

**Helderberg 132/11kV substation environmental assessment (Western Cape, South Africa) 2001.** *Project Manager.* The project entailed an Environmental Impact Assessment (EIA) for a new substation. (Helderberg Municipality).

**Vredenberg - Saldanha road construction (Western Cape, South Africa) 2001.** *Project Manager.* During this project, an Environmental Management Plan (EMP) for the construction of a new dual-carriageway was compiled and applied. (Provincial Government).

**Saldanha Port service corridor bridge construction (Saldanha, Western Cape, South Africa) 2001.** *Project Manager.* The project consisted of an Environmental Management Plan (EMP) for the construction of a new bridge.

**Stellenbosch arterial road construction (Western Cape, South Africa) 2001.** *Project Manager.* The project entailed the compilation and application of an Environmental Management Plan (EMP) for the construction of an upgraded dual-carriageway. (Provincial Government).

**Avifaunal study for the Paradyskloof power line Environmental Impact Assessment (EIA) (Western Cape, South Africa) 2001.** *Specialist on Consulting Team.* This project comprised a specialist avifaunal study for the Environmental Impact Assessment (EIA) process for the Paradyskloof power line project. (Stellenbosch Municipality).

**Scenic drive network management plan (Cape Town, Western Cape, South Africa) 2001.** *Specialist on Consulting Team.* This project consisted of the environmental component of Cape Town's scenic drive management plan formulation. (City of Cape Town).

**Siemens cell phone mast sites environmental assessments (Western Cape, South Africa) 2000.** *Project Manager.* The project entailed Environmental Impact Assessments (EIAs) for a third cell phone licence at seven mast sites. (Service Provider).

**New Saldanha - Vredenberg 66kV power line (Western Cape, South Africa) 2000.** *Project Manager.* The project comprised the completion of an Environmental Impact Assessment (EIA) for a new electricity distribution power line. (Local Authority).

**Cape Town International Convention Centre environmental management (Cape Town, Western Cape, South Africa) 2000.** *Project Manager.* The project consisted of the compilation and application of an Environmental Management Plan (EMP) for the construction of a new convention centre in line with international standards. (Private/Provincial Partnership).

**Gordons Sports Institute redevelopment (Western Cape, South Africa) 2000.** *Specialist on Consulting Team.* The project completed an Environmental Impact Assessment (EIA) for redevelopment of the sports complex. (Private Developer).

**Hazeldean housing development (Western Cape, South Africa) 2000.** *Project Manager.* Responsible for providing a pro-bono service in undertaking an Environmental Impact Assessment (EIA) for a community-based housing project.

**Faunal study for the Zoarvlei management plan (Cape Town, Western Cape, South Africa) 2000.** *Specialist on Consulting Team.* A specialist faunal study for Zoarvlei management plan formulation was carried out as part of this project. (Blaauwberg Municipality).

**Rooiels residential development (Western Cape, South Africa) 1999.** *Project Manager.* The project entailed an Environmental Impact Assessment (EIA) for new residents in a coastal settlement. (Private Landowner).

**Milnerton Racecourse redevelopment (Cape Town, Western Cape, South Africa) 1999.** *Project Manager.* The project consisted of an Environmental Impact Assessment (EIA) for the redevelopment of a racecourse for mixed urban use. (Private Developer).

**Suikerbossie development (Hout Bay, Western Cape, South Africa) 1999.** *Project Manager.* The project comprised an Environmental Impact Assessment (EIA) for the redevelopment of a restaurant and conference facility. (Private Developer).

**Kraaifontein urban development (Western Cape, South Africa) 1999.** *Project Manager.* During this project, an Environmental Impact Assessment (EIA) for a mixed urban development in a greenfield area was carried out. (Private Developer).

**Cape Town International Airport Precinct 2 (Cape Town, Western Cape, South Africa) 1999.** *Project Manager.* This project entailed an Environmental Impact Assessment (EIA) for an industrial development on the company's landholdings. (Airports Company of South Africa (ACSA)).

**New Gurue - Lichinga 110kV power line (Mozambique) 1999.** *Specialist on Consulting Team.* As part of this project, a specialist Environmental Impact Assessment (EIA) methodology was applied in undertaking an EIA for a new electricity distribution network in northern Mozambique. (Scandinavian Development Agency).

**Independent review of landfill Environmental Impact Assessment (EIA) (Hermanus, Western Cape, South Africa) 1999.** *Project Manager.* This project entailed an independent review of an Environmental Impact Assessment (EIA) for a new regional landfill site. (Arcus Gibb).

**Independent review of electricity distribution Environmental Impact Assessments (EIAs) (Western Cape, South Africa) 1998 - 2000.** *Project Manager.* The project entailed independent reviews of Environmental Impact Assessments (EIAs) for 10 electricity distribution power lines. (Eskom).

**Wynberg traffic alleviation study (Western Cape, South Africa) 1998.** *Project Manager.* The project entailed an Environmental Impact Assessment (EIA) for a proposed arterial bypass through a heavily urbanised area. (South Peninsula Municipality/Cape Metro Council).

**Somerset Square development (Somerset West, Western Cape, South Africa) 1998.** *Project Manager.* This project comprised an Environmental Impact Assessment (EIA) for the development of a new residential precinct. (Private Developer).

**Longbeach Mall, Noordhoek (Western Cape, South Africa) 1998.** *Project Manager.* This project consisted of an Environmental Impact Assessment (EIA) for the development of a new commercial complex. (Private Developer).

**Noree 66/11kV substation construction (Western Cape, South Africa) 1998.** *Project Manager.* During this project, an Environmental Impact Assessment (EIA) was completed for a new substation in a rural area. (Local Authority).

**Arabella Golf Course environmental management (Hermanus, Western Cape, South Africa) 1998.** *Project Manager.* During this project, an Environmental Management Plan (EMP) for the construction of a new golf course was both compiled and applied. (Private Developer).

**Krantzkop Strategic Environmental Assessment (SEA) (Wellington, Western Cape, South Africa) 1998.** *Project Manager.* This project involved a public participation process for a SEA of the possible redevelopment of an explosives manufacturing plant. (Somchem).

**Conservation Management Plan (CMP) for Krantzkop Nature Reserve (Wellington, Western Cape, South Africa) 1998.** *Specialist on Consulting Team.* The project entailed a CMP for landholdings surrounding an explosives manufacturing plant as a component of a Strategic Environmental Assessment

(SEA).

**Sheffield - Symphony Road alignment (Cape Town, Western Cape, South Africa) 1997.** *Consulting Team Member.* The project comprised an Integrated Environmental Management (IEM) process for a new arterial road alignment. (City of Cape Town).

**Vanguard Drive preliminary design (Cape Town, Western Cape, South Africa) 1997.** *Consulting Team Member.* The project included an Integrated Environmental Management (IEM) process for the preliminary design of an arterial road upgrading project. (City of Cape Town).

**Ottery/South/Constantia Road environmental aspects (Cape Town, Western Cape, South Africa) 1997.** *Project Manager.* During this project, an Environmental Impact Assessment (EIA) was carried out for a proposed arterial route through a heavily urbanised area. (South Peninsula Municipality/Cape Metro Council).

**Myrtle Grove Wine Estate environmental assessment (Western Cape, South Africa) 1997.** *Project Manager.* In this project, an Environmental Impact Assessment (EIA) was commissioned for a residential component and expanded processing facilities on the wine farm. (Private Developer).

**Wildevolvllei waste water treatment plant public participation (Western Cape, South Africa) 1997.** *Project Manager.* The project looked at the public participation component of an Environmental Impact Assessment (EIA) for expansion of the Wildevolvllei treatment plant. (City of Cape Town).

**Environmental audits of landfill sites (Gauteng and Western Cape, South Africa) 1997.** *Project Manager.* This project entailed audits of landfill sites in Gauteng and the Western Cape in South Africa.

**Blackheath transport interchange environmental management (Western Cape, South Africa) 1996.** *Consulting Team Member.* The project comprised an Integrated Environmental Management (IEM) process for a transport modal interchange at a railway station and taxi rank. (City of Cape Town).

**Kaalfontein residential development environmental assessment (Gauteng, South Africa) 1996.** *Consulting Team Member.* The project entailed an Environmental Impact Assessment (EIA) for a new residential precinct in a greenfield area. (Private Developer).

**Vredenberg - Paternoster road resurfacing (Western Cape, South Africa) 1996.** *Project Manager.* The project included an Environmental Management Plan (EMP) for resurfacing the road. (Provincial Government).

**Strategic review of Eskom's annual report (South Africa) 1996.** *Project Manager.* During this project, a review was done of the environmental component of the annual report from a strategic point of view. (Eskom's Distribution Group).

**Bellville - Cape Town cycle path (Western Cape, South Africa) 1996.** *Project Manager.* The project entailed the public participation process for a proposed cycle path. (Cape Metropolitan Council).

**Environmental audit of Oliver Tambo International Airport (then Johannesburg International Airport) (Gauteng, South Africa) 1996.** *Consulting Team Member.* The project comprised an audit of land issues relevant to the international airport in Johannesburg. (Airports Company of South Africa (ACSA)).

**Salt River Power Station decommissioning (Cape Town, Western Cape, South Africa) 1995.** *Environmental Advisor.* During this project, a study of the biological component for an Environmental Impact Assessment (EIA) of the decommissioning of Salt River Power Station was done.

**Environmental audits of electricity power lines (Limpopo, Mpumalanga, Western Cape) 1993 - 1995.** *Environmental Advisor (Team Member).* The project entailed environmental audits of Eskom's Pietersburg - Phalaborwa and Palmiet - Mossel Bay transmission lines, and distribution lines in the Cape.

**Environmental Management System (EMS) for an electricity utility (Western Cape, South Africa) 1993 - 1995.** *Environmental Advisor (Team Member).* As part of this project, an EMS was developed and initiated for Eskom's Cape Distributor, based on BS7750, ISO9000 and ISO14001.

**Environmental of audits electricity substations (KwaZulu-Natal, Mpumalanga, Gauteng, South Africa) 1993 - 1994.** *Environmental Advisor (Team Member).* The project entailed audits of Eskom's Marathon,

Venus, Foskop and Newcastle main transmission system substations.

**Waenhuiskrans electrification (Southern Cape, South Africa) 1993.** *Environmental Advisor.* The project comprised an environmental sensitivity report for the electrification of an underdeveloped fishing village.

**Environmental audits of power stations (Gauteng, South Africa) 1993.** *Environmental Advisor (Team Member).* The project consisted of environmental audits of land issues relevant to Eskom's Arnot and Wilge Power Stations.

**Fixed-point photographic monitoring (Western Cape, South Africa) 1992 - 1994.** *Environmental Advisor.* The project entailed fixed-point photographic monitoring of the re-vegetation of the Gydo - Ceres 66kV power line servitude.

**Kraaifontein - Scottsdene 66kV power line environmental assessment (Western Cape, South Africa) 1992.** *Environmental Advisor.* During this project, an Environmental Impact Assessment (EIA) was carried out for a new power line in a peri-urban area.

**Rietvlei - Platteklouf 132kV power line environmental assessment (Western Cape, South Africa) 1992.** *Environmental Advisor.* The project included an Environmental Impact Assessment (EIA) for a new power line in a peri-urban area.

**Caledon - Jagersbos 66kV power line environmental assessment (Western Cape, South Africa) 1992.** *Environmental Advisor.* The project entailed an Environmental Impact Assessment (EIA) for a new power line through a rural area.

**Knysna - Robberg 66kV power line environmental assessment (Southern Cape, South Africa) 1992.** *Environmental Advisor.* This project entailed an Environmental Impact Assessment (EIA) for a new power line through a rural area.

**Woodville - Wilderness 66kV power line environmental assessment (Southern Cape, South Africa) 1991.** *Environmental Advisor.* The project consisted of an Environmental Impact Assessment (EIA) for a new power line through a rural area.

**Blue Downs - Firgrove 132kV power line environmental assessment (Western Cape, South Africa) 1991.** *Environmental Advisor.* The project entailed an Environmental Impact Assessment (EIA) for a new power line through a peri-urban area.

**Wilderness National Park management plan (Southern Cape, South Africa) 1988.** *Warden/Ecologist.* During this project, the "Procedure for Dealing with Beached or Stranded Marine Mammals" as a component of the Wilderness National Park's management plan was developed.

**Avifaunal monitoring (Southern Cape, South Africa) 1986.** *Ranger/Ecologist.* The project included individual locus lists for "A Checklist of the Birds of the Southern Cape".

**Golden Gate Highlands National Park management plan (Free State, South Africa) 1982 - 1985.** *Ranger/Ecologist.* The project entailed long-term ungulate population monitoring and maintained census records.

**Research methodology, Jonkershoek Research Station (Western Cape, South Africa) 1981.** *Research Technician.* During this project, a photo-micrographic technique for carnivore scat analysis was developed.

**Research methodology, Jonkershoek Research Station (Western Cape, South Africa) 1980.** *Research Technician.* A collapsible fall-cage for carnivore capture was designed and applied as part of this project.

## Education

1996	:	MA (Environmental and Geographical Science), University of Cape Town, South Africa
1989	:	Diploma in Small Business Management, Potchefstroom University, University of Potchefstroom, South Africa
1985	:	BA (Geography), University of South Africa (UNISA)
1976	:	Diploma in Nature Conservation and Wildlife Management, Pretoria Technikon, South Africa

### Career enhancing courses

- 0 : Environmental Management (negotiation skills, Integrated Environmental Management (IEM)), University of Cape Town, South Africa
- 0 : Business Management (personal computers, management skills, performance appraisal), -
- 0 : Conservation Management (taxidermy, chemical immobilisation, ski-boat skipper's licence), -

### Languages

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

### Honours and awards

Chosen as Transport Economics Student in Southern Africa in 1996 to represent the Southern African Round Table at the Council of Logistics Management held in Orlando, Florida

### Publications

Lawson AB (1997). "Applying Sector-Specific EIA Methods: Lessons Learnt from Large Linear Developments". Proceedings of the annual conference of the South African chapter of the International Association for Impact Assessment, KwaMaritane, September, 1997..

Lawson AB (1996). "Environmental Impact Assessment in the Routing of High Voltage Overhead Transmission Lines: Theory and Practice in South Africa". Unpublished MA dissertation.

Lawson AB and Wyndham MJ (1992). "A System of Monitoring Wildlife Interactions with Electricity Distribution Installations in a Supply Region of the Cape Province in Southern Africa". Proceedings of the Electric Power Research Institute (EPRI) International Workshop on Avian Interactions with Utility Structures, Miami, September 1992.

Earle RA and Lawson AB (1988). "An Annotated Checklist of the Birds of the Golden Gate Highlands National Park". Koedoe 31: 227-243.

Lawson AB (1982). "Notes on the Mammals of the Gamka Mountain Reserve, Cape Province". Bontebok 2: 1-8.

Norton PM and Lawson AB (1985). "Radio Tracking of Leopards and Caracals in the Stellenbosch Area, Cape Province". S Afr J Wildl Res 15: 17-24.

Norton PM, Lawson AB, Henley SR and Avery G (1986). "Prey of Leopards in Four Mountain Areas of the South-Western Cape Province". S Afr J Wildl Res 16: 47-52.

Lawson AB (1993). "Monitoring Wildlife and Powerline Interactions in the Fynbos Biome. In Monitoring Requirements for Fynbos Management Marais C and Richardson DM (eds)". Programme Report Series Number 11, FRD.

Lawson AB (1995). "Environmental Impact Assessment within the Power Utility Industry in South Africa: the Distribution Group Perspective". Proceedings of the 15th annual International Association for Impact Assessment conference, Durban, June 1995..



By my signature below I certify the correctness of the information above and my availability to undertake this assignment.

\_\_\_\_\_  
Signature of Staff Member

\_\_\_\_\_  
Date

**CURRICULUM VITAE**

<b>Name of Firm</b> :	Aurecon (Pty) Ltd	<b>Name of Staff</b> :	Louise Corbett
<b>Profession</b> :	Environmental Practitioner	<b>Year of Birth</b> :	1981
<b>Years with Firm</b> :	4	<b>Nationality</b> :	South African

**Membership in Professional Societies:** Treasurer of the South African affiliate of the International Association for Impact Assessment, (IAIASa)

**Key Qualifications:**

Ms Corbett, an Environmental Practitioner in the Cape Town office has a Bachelors of Science (Hons) degree in Environmental and Geographical Science, specialising in Environmental Management, from the University of Cape Town. Louise has over five years experience in the environmental field and has compiled and managed numerous environmental investigations including Environmental Impact Assessments, Environmental Management Plans and Environmental Management Programmes. Louise is the treasurer of the South African affiliate of the International Association for Impact Assessment (Western Cape Branch) and is a registered Professional Natural Scientist.

**Experience Record:**
**1a) Regulatory Processes and Environmental Impact Assessment: *Impact Assessment:***

2011-present	<b>Proposed Wind Energy Facility near Koekenaap, Western Cape</b>	Project Manager
2011-present	<b>Proposed Reverse Osmosis Plant at Hendrina Power Station, Mpumalanga</b>	Project Manager
2010-present	<b>Proposed Wind Energy Facility near Komsberg, Western Cape</b>	Project Manager
2010-present	<b>Proposed Wind Energy Facility near Copperton, Northern Cape</b>	Project Manager
2010-present	<b>Proposed Hydropower Station on the Orange River near Kakamas, Northern Cape</b>	Project Manager
2010-present	<b>Proposed Brine and Groundwater Treatment Works at Tutuka Power Station, Mpumalanga</b>	Project Manager
2010-present	<b>Proposed Stormwater System Rehabilitation at Zevenwacht, Western Cape</b>	Project Manager
2010-2011	<b>Proposed Expansion of the Piketberg Wastewater Treatment Works, Piketberg, Western Cape</b>	Project Manager
2010	<b>Proposed coal mine expansion near Tete, Mozambique</b>	Project Staff
2009	<b>Proposed wind monitoring masts in Middelburg, Eastern Cape</b>	Project Staff
2009	<b>Proposed wind monitoring masts in De Aar, Northern Cape</b>	Project Staff
2009	<b>Proposed wind monitoring masts in Cookhouse, Eastern Cape Eastern</b>	Project Staff
2008-present	<b>Proposed Fisantekraal New Town Development</b>	Project Staff

2008	<b>Proposed Windfarm, West Coast</b>	<b>Langefontein</b>	Project Staff
2008-present	<b>Proposed Station in Limpopo</b>	<b>Coal-Fired Power in the Waterberg,</b>	Project Staff and Manager
2008	<b>Proposed Subdivision of Farm Palmiet River No. 319, Elgin</b>		Project Staff
2008	<b>Proposed Channel Dam, Sedgefield</b>	<b>Sedgefield Off-</b>	Project Staff
2007-2008	<b>Proposed Facility in the Area, Paarl</b>	<b>Plant Extraction in the Paarl Industrial</b>	Project Staff
2007	<b>Proposed upgrade of fuel pipelines at the Cape Town International Airport.</b>		Project Manager
2006-2007	<b>Proposed rezoning of public open space (portion of Erf 10565) in Boston.</b>		Project Manager
2006-2007	<b>Proposed upgrade of N1 intersections near De Doorns.</b>		Project Manager
2006-2007	<b>Proposed development of the Ibhubesi Gas Field and associated infrastructure, West Coast, South Africa.</b>		Project Staff
2006-2007	<b>Proposed new regional landfill to service the City of Cape Town.</b>		Project Staff
2006-2007	<b>Proposed subdivision and rezoning of Erf 1366, Eerste River.</b>		Project Manager
2006-2007	<b>Proposed subdivision and rezoning of Erf 23300, Maitland (Royal Maitland Phase 3).</b>		Project Manager
2006-2007	<b>Proposed subdivision and rezoning of Erf 3410, Simon's Town.</b>		Project Manager
2006-2007	<b>Proposed subdivision and rezoning of Erf 1, Simon's Town.</b>		Project Manager
2006-2007	<b>Proposed Rocklands Eco Estate.</b>		Project Manager
2006-2007	<b>Proposed upgrade of facilities at the River Club, Observatory.</b>		Project Manager
<b>1b) Regulatory Processes and Environmental Impact Assessment: <i>Mining and Oil and Gas Prospecting Applications:</i></b>			
2007	<b>Proposed deepwater geophysical survey of the South African Continental Margin.</b>		Project Manager
2007	<b>Proposed 2D seismic survey in the Northern Block, offshore Namibia.</b>		Project Manager
2007	<b>Proposed borrow pits for the upgrade of road sections in the Central Karoo District.</b>		Project Manager

2006-2007	<b>Proposed borrow pits for the upgrade of road sections in the Overberg District.</b>	Project Staff
2006	<b>Proposed geotechnical survey in the Southern and Northern Blocks offshore Namibia.</b>	Project Manager
2006	<b>Proposed reseal of Trunk road 44/1, Main roads 401, 404, 368 and the upgrade of Divisional road 1834 and the development of an associated borrow pit near Uniondale.</b>	Project Manager

**2) Environmental Management Plans:**

2010	<b>Construction Environmental Management Plan for Stellenbosch Dams Rehabilitation</b>	Project Manager
2006	<b>Construction Environmental Management Plan for Sitari Fields Golf Estate, Firgrove/ Macassar.</b>	Project Staff

**3) Institutional and Policy Development and Professional Review Services:**

2007-2008	<b>Department of Economic Affairs Environment and Tourism Decision-making Support.</b>	Project Staff
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**4) Other:**

2011	<b>Environmental Input to a Potential Hydropower Station on the Orange River, Northern Cape</b>	Project Manager
2008	<b>Environmental Input to Sites for a Solar Cell Factory</b>	Project Staff
2008	<b>Environmental Sensitivity Study for the Proposed Fisantekraal New Town Development, Western Cape</b>	Project Staff
2006	<b>Exemption application for tow surfing in the Table Mountain Marine Protected Area</b>	Project Staff

**Countries of Work Experience:** South Africa, United Kingdom, Canada, Mozambique

**Education:** -BSc (Hons) Environmental Management, University of Cape Town, 2004.  
-BSc Environmental & Geographical Science, University of Cape Town, 2003.

**Employment Record:**

2009 - present	Senior Environmental Practitioner, Aurecon (Pty) Ltd
2007- 2009	Environmental Practitioner, Ninham Shand (Pty) Ltd
2006-2007	Environmental Consultant, CCA Environmental (Pty) Ltd
2005- 2005	Systems Administrator, Morrison's Plc, London UK
2004- 2005	Customer Services Advisor, Barclays Bank Plc, London UK
2003-2004	Fairmont Gold Attendant, Fairmont Chateau Whistler, Whistler Canada
2003-2003	Practical Demonstrator to undergraduate Environmental and Geographical Science students, University of Cape Town

**Languages:** English (first), Afrikaans

## Curriculum vitae: Ms FI GRESSE

Name : **GRESSE, FRANCIENA ISABELLA**  
 Date of Birth : 14 March 1985  
 Profession/Specialisation : Environmental Practitioner  
 Years with Firm : 3  
 Nationality : South African  
 Years experience : 3

### Key qualifications

Ms Gresse is an Environmental Practitioner in the Cape Town office. She completed a Bachelor of Science and an Honours Degree in Conservation Ecology at the University of Stellenbosch. She has been involved in various projects, including a 24G application, environmental impact assessments, renewable energy projects, environmental management plans, environmental control officer (ECO) work, pre-feasibility and feasibility studies for the Western Cape Water Supply System and a catchment management strategy for the Olifants-Doorn catchment, Western Cape.

### Employment record

03/2009 - Date Aurecon, (previously Africon, Ninham Shand and Connell Wagner), Environmental Practitioner  
 2008 - 02/2009 Ninham Shand, Candidate Environmental Consultant

### Experience record

***Proposed Rehabilitation of Wetlands as Part of the Working for Wetlands (Western and Northern Cape, South Africa) 2010 – Date. Project Staff.*** Appointed by the South African National Biodiversity Institute (SANBI) to conduct environmental impact assessments for the rehabilitation of specific wetlands in all provinces of South Africa over a five year period. She was responsible for the compilation of Basic Assessment Reports and Wetland Rehabilitation Plans for the Western Cape as well as the Northern Cape. Other responsibilities includes liaison with authorities, public participation process, management of specialists and general project management. (SANBI)

***Environmental Impact Assessment for the Proposed Extension of the Ash Dam Facility at Kriel Power Station (Mpumalanga, South Africa) 2010 – Date. Project Staff.*** Appointed by Eskom to conduct an environmental impact assessment for the proposed construction of a fourth ash dam facility at the Kriel power station. She was involved in the screening process, compiling the scoping and EIA reports and public participation. In conjunction, she was also involved in the compilation of a Waste Management Licence application required for the proposed ash dam. (Eskom)

***Environmental Impact Assessment for Proposed Solar Energy Facility, Onder Rietvlei Farm (Portion 3 of Farm 18, Aurora, West Coast, South Africa) 2010 – 2011. Project Staff.*** Appointed by Solaire Direct to undertake a basic environmental impact assessment process for the proposed construction of a 10 MW solar energy facility. Responsible for the compilation of the draft and final reports, public participation process, management of specialists and general project management. (Solaire Direct Southern Africa)

***Environmental Sensitivity Study for a Proposed Solar Energy Facility on a Farm Near Aurora (West Coast, South Africa) 2010. Project Staff.*** Appointed to provide an environmental sensitivity study (ESS) which inter alia highlights the potential constraints (“red flags”) and opportunities presented by the site from an environmental perspective. Responsible for the compilation of the ESS. (Solaire Direct Southern Africa)

***Proposed Remediation, Rehabilitation and Restoration of the Spruit, Krom, Leeu and Palmiet Rivers (Wellington and Paarl, South Africa) 2009 – 2010. Project Staff.*** Appointed by the Drakenstein Municipality to undertake the requisite EIA process for the rehabilitation, remediation and stabilisation of four rivers within Paarl and Wellington. Responsible for the EIA and public participation processes. (Drakenstein Municipality)

***Proposed Construction of a New Pipeline from Bovlei Winery to Withoogte Dam (Wellington, South Africa) 2009 – 2011. Project Staff.*** The Drakenstein Municipality propose to replace a section of the existing pipeline extending from the Withoogte Dam to the Welvanpas Reservoir near Wellington as part of

the municipality's water master plan in order to improve the overall water supply. Responsible for the compilation of the EIA report, management of specialists and the public participation process. (Drakenstein Municipality)

**Proposed Erection of Eskom Communication Sirens/PA Systems (Blaauwberg, South Africa) 2009 – 2010.** *Project Staff.* Appointed by Eskom to conduct three EIA processes for the (a) erection of 10 new sirens in the Parklands area, (2) relocation of one siren in Bloubergstrand and (3) upgrade of five sirens on farms near Melkbosstrand. Responsible for compilation of EIA reports and the public participation process. (Eskom)

**Overberg District Municipality: Integrated Transport Plan: Strategic environmental informants (South Africa) 2009.** *Project Staff.* Aurecon's Transportation Unit was appointed to revise the integrated transport plan. The Environmental Unit was sub-contracted to provide environmental input. Responsible for identifying and describing the relevant informants. (Overberg District Municipality).

**Annandale Commercial: Development of Petrol Filling Station on Portion of Erf 5561 (Kuil River, South Africa) 2009.** *Project Staff.* Appointed to compile a construction environmental management plan (CEMP) for the construction of a filling station on the corner of Gladioli Street and Amandel Drive, Kuils River. Responsible for the compilation of the project specification document as part of the CEMP. (Communicate)

**Pre-feasibility and Feasibility Studies for Augmentation of the Western Cape Water Supply System (South Africa) 2008 – Date.** *Project Staff.* The Department of Water Affairs commissioned the pre-feasibility and feasibility studies for the augmentation of the Western Cape Water Supply system through the further development of the surface water resources. Surface water schemes to be investigated, were identified by the Western Cape Water Supply system: Reconciliation strategy study. Responsible for the public participation process, management of environmental specialists and the compilation of a socio-economic overview of the study area.

**C.A.P.E. Olifants-Doring Catchment Management Agency Project: Development of a catchment management strategy water resource protection sub-strategy for the Olifants-Doring Catchment (South Africa) 2008 – 2009.** *Project Staff.* Appointed by CapeNature to compile a catchment management strategy water resource protection sub-strategy for the Olifants-Doorn catchment. Responsible for the compilation of a database that lists all institutions and their respective mandates in terms of water resource protection and biodiversity conservation decision-making for the Olifants-Doring catchment, workshop arrangements and general project related work.

**Table Mountain Group Aquifer Feasibility Study and Pilot Project (Western Cape, South Africa) 2008 - 2010.** *Environmental Control Officer.* The City of Cape Town initiated a study into the Table Mountain Group Aquifer as a potential water source to augment the city's supply. The feasibility and pilot project phase Record of Decision (RoD) required completion for site-specific Environmental Management Plans (EMPs) for drilling sites that were assessed to be environmentally sensitive. Site-specific EMPs were designed for sensitive sites to ensure minimal environmental impact during the drilling phase. Responsible for monitoring compliance with the RoD and EMP during the drilling phase. (City of Cape Town).

**Water Reconciliation Strategy for the Algoa Water Supply Area (Eastern Cape, South Africa) 2008 - 2009.** *Project Staff.* This project provided an assessment of the environmental opportunities and constraints for a suite of water schemes in the Algoa water supply area. This was undertaken as part of a broader study in the area.

**Proposed Extension of Lock Road (Kalk Bay, South Africa) 2008 - 2009.** *Project Staff.* The project comprised an Environmental Impact Assessment (EIA) process for extending Lock Road to an existing erf. Responsible for being involved during the final stages of the application. (Mr Rick Bartlett).

**Proposed Development of Apple and Pear Orchards on Soetmelksvlei Farm (Riviersonderend, South Africa) 2008 - 2009.** *Project Staff.* This Agri-development project involved the development of 50ha of apple and pear orchards in the Riviersonderend region. Responsible for compiling the basic assessment report, Environmental Management Plan (EMP), and managing the specialists and public participation process. (BETCO).

**Application for Rectification in Terms of Section 24G of NEMA for the Unlawful Commencement of a Fruit Processing Factory on Farm Op De Tradouw, Number 69 (Barrydale) 2008 - 2009.** *Project Staff.* The project consisted of an application for rectification in terms of Section 24G of NEMA. Responsible for

compiling an environmental impact report and an Environmental Management Plan (EMP) for the application, as well as managing the public participation process. (Schoonies Family Trust).

**Proposed redevelopment of the Blaauwberg Conservation Area: Eersteste Node (South Africa) 2008 - 2010.** The project entailed an Environmental Impact Assessment (EIA) process for redeveloping the Eersteste Conservation Area on the West Coast. Responsible for compiling the EIA report, as well as managing specialists and the public participation process. (City of Cape Town).

**Environmental Sensitivity Study for the Proposed Dasdrif Poultry Farm (Moorreesburg, South Africa) 2008.** *Project Staff.* Appointed to provide an environmental sensitivity study (ESS) which inter alia highlights the potential constraints (“red flags”) and opportunities presented by the site from an environmental perspective. Responsible for the compilation of the ESS. (Eikenhoff Poultry Farms (Pty) Ltd).

**Department of Economic Affairs, Environment and Tourism (DEAET) decision-making support (South Africa) 2008.** *Project Staff.* Responsible for assisting DEAET with the review and processing of Environmental Impact Assessment (EIA) applications in terms of the Environment Conservation Act.

**Joint Maputo River Basin water resources study (Mozambique, Swaziland and South Africa) 2008.** *Project Staff.* The project provided an environmental opportunities and constraints assessment of a suite of potential dams in South Africa and Swaziland, within the Maputo River Catchment. This was undertaken as part of a broader study into the catchment.

Education

2007 : BSc (Hons) Conservation Ecology, University of Stellenbosch, South Africa

Professional affiliations

Member, International Association of Impact Assessment (IAIA)

Languages

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

By my signature below I certify the correctness of the information above and my availability to undertake this assignment.

\_\_\_\_\_  
Signature of Staff Member

\_\_\_\_\_  
Date