

Appendix H: Details of EAP and expertise

Curriculum vitae: Dr JG YOUTHED

Name : **YOUTHED, JENNIFER GAY**
 Date of Birth : 23 May 1974
 Profession/Specialisation : Senior Environmental Practitioner
 Years with Firm : 5
 Nationality : South African
 Years experience : 15

Key qualifications

Dr Youthed is a Senior Environmental Practitioner with the East London office and holds a PhD in Geography from the University of South Africa. She spent 10 years with the Eastern Cape provincial environmental authority working in the Integrated Environmental Management section. This experience has given her valuable knowledge of regulatory authority procedures, environmental legislation, the environmental impact assessment (EIA) process and strong EIA review skills. A key interest of hers is EIA follow-up. She is a member of the South African Affiliate of the International Association for Impact Assessment and a professional member of the South African Institute for Ecologists and Environmental Scientists.

Employment record

2009 - Date	Aurecon (previously Africon, Ninham Shand and Connell Wagner), Senior Environmental Practitioner
2007 - 2009	Ninham Shand (Pty) Ltd, Senior Environmental Practitioner
2006 - 2007	Department of Economic Development and Environmental Affairs, Assistant Director
2000 - 2006	Department of Economic Development and Environmental Affairs, Senior Environmental Officer
1997 - 2000	Department of Economic Development and Environmental Affairs, Environmental Officer

Management experience

2006 - 2007	Assistant Manager in charge of the Integrated Environmental Management section of the Department of Economic Development and Environmental Affairs. Duties included management of staff, quality control, section reporting and budgeting.
1999 - 2001	Acting in position of Assistant Manager in charge of the Integrated Environmental Management section of the Department of Economic Development and Environmental Affairs. Duties included quality control, section reporting and budgeting.

Experience record

Air Emission Licence applications (Mpumalanga, South Africa) 2011 - date. *Environmental Assessment Practitioner.* The project involved applying for an Air Emissions Licence in order to obtain environmental approval in terms of the National Environmental Management: Air Quality Act. Responsible for compiling the necessary Air Emissions Licence application plus supporting documentation. Also responsible for ensuring that the air emissions licence application ran in tandem with the required EIA application. Involved for 4 person-months. (PG Bison (Piet Retief)).

Air Emission Licence applications for PG Bison: Boksburg (Gauteng, South Africa) 2011 - date. *Environmental Assessment Practitioner & Project leader.* The project involved applying for an Air Emissions Licence in order to obtain environmental approval in terms of the National Environmental Management: Air Quality Act. Responsible for compiling the necessary Air Emissions Licence application plus supporting documentation. Involved for 4 person-months. (PG Bison (Boksburg)).

Air Emission Licence applications for PG Bison: Ugie (South Africa) 2011 - date. *Environmental Assessment Practitioner & project leader.* The project involved applying for an Air Emissions Licence in order to obtain environmental approval in terms of the National Environmental Management: Air Quality Act.

Responsible for compiling the necessary Air Emissions Licence application plus supporting documentation. Involved for 4 person-months. (PG Bison (Ugie)).

Rehabilitation of wetlands in the Free State (Free State, South Africa) 2010 - 2011. *Environmental Assessment Practitioner.* The project entailed the rehabilitation of selected wetlands in the Free State as part of the Working for Wetlands programme. Responsible for the compilation of the Basic Assessment Report, wetland rehabilitation plans and co-ordination of the local project team for wetland rehabilitation of five wetlands in the Free State. Involved for 10 person-months. (South African National Biodiversity Institute (SANBI)).

Rehabilitation of wetlands in the Eastern Cape (Eastern Cape) 2010 - 2011. *Environmental Assessment Practitioner.* The project entailed the rehabilitation of selected wetlands in the Eastern Cape as part of the Working for Wetlands programme. Responsible for the compilation of the Basic Assessment Report, wetland rehabilitation plan and co-ordination of the local project team for wetland rehabilitation of the Gatberg wetland in the Eastern Cape.

Involved for 10 person-months. (South African National Biodiversity Institute (SANBI)).

Alice and Hamburg Urban Regeneration High Level Feasibility Study (Eastern Cape, South Africa) 2010. *Environmental Specialist.* The client wished to investigate various options to stimulate the economic regeneration of the small town of Alice and Hamburg. A study team including architects, a land use planner, engineer and environmental specialist was assembled to assess the various development options presented by the client and the community and to assist in implementing the selected options. Involved as a specialist on the study team and was responsible for providing environmental advice, assessing the proposed development options for environmental fatal flaws, giving environmental input into the high level feasibility study and for undertaking the necessary environmental processes to obtain environmental authorizations. Involved for 8 person-months. (Aspire).

Hamburg Urban Regeneration High Level Feasibility Study (Eastern Cape, South Africa) 2010. *Environmental Specialist.* The client wished to investigate various options to stimulate the economic regeneration of the small town of Hamburg. A study team including architects, a land use planner, engineer and environmental specialist was assembled to assess the various development options presented by the client and the community and to assist in implementing the selected options. Involved as a specialist on the study team and was responsible for providing environmental advice, assessing the proposed development options for environmental fatal flaws, giving environmental input into the high level feasibility study and for undertaking the necessary environmental processes to obtain environmental authorizations. Involved for 8 person-months. (Aspire).

Nelson Mandela Bay Metropolitan Municipality Desalination Study (Eastern Cape, South Africa) 2009 - 2010. *Environmental Specialist.* Nelson Mandela Bay Metropolitan Municipality (NMBMM) requested an investigation into the implications of establishing a desalination plant. The study included legal, engineering, financial and environmental aspects. Involved as a specialist on the study team and was responsible for the environmental input into the study. Involved for 6 person-months. (Nelson Mandela Bay Metropolitan Municipality).

Relocation of a short cycle press for PG Bison (Mpumalanga, South Africa) 2009 - date. *Environmental Assessment Practitioner.* The project entailed the undertaking of a basic environmental assessment in order to obtain environmental approval in terms of the EIA regulations. Responsible for the undertaking of the basic environmental assessment. Involved for 6 person-months. (PG Bison (Piet Retief)).

Nelson Mandela Bay Metropolitan Municipality Sludge Disposal Options Study (Eastern Cape, South Africa) 2009. *Environmental Specialist.* Nelson Mandela Bay Metropolitan Municipality (NMBMM) requested an investigation into the various options available to them for the disposal of sewage sludge. The study included legal, engineering, financial and environmental aspects. Involved as a specialist on the study team and was responsible for the environmental input into the study. Involved for 6 person-months. (Nelson Mandela Bay Metropolitan Municipality).

Needs Camp-Kidd's Beach water supply pipeline - basic assessment process (East London, South Africa) 2008 - Date. *Senior Environmental Practitioner.* Buffalo City Municipality conducted a bulk water supply pipeline from an existing reservoir at Needs Camp to a new reservoir at Kidd's Beach. Appointed to undertake the required basic assessment process. Responsible for undertaking the Environmental Impact Assessment (EIA) process. Involved for 0.1 person-months. (Department of Agriculture).

Mncwasa regional water supply scheme - Environmental Impact Assessment (EIA) (Amatole District

Municipality, South Africa) 2008 - Date. *Senior Environmental Practitioner.* The project involved the establishment of a bulk water supply scheme with an off-channel storage dam and water treatment works to supply water to communities in the Mncwasa (Mbashe Local Municipality) area. Responsible for all environmental aspects of the project. Involved for 3 person-months. (Amathole District Municipality).

Ncera Macadamia Nut Farm - rectification of commencement of illegal activity (East London, South Africa) 2008 - 2009. *Senior Environmental Practitioner.* A Section 24G application in terms of the National Environmental Management Act was submitted to rectify the illegal commencement of the above project. Responsible for compiling of the Act. Involved for 0.5 person-months. (Ncera Macadamia Farm).

Dukathole Township infill development - Environmental Impact Assessment (EIA) (Eastern Cape, South Africa) 2007 - Date. *Senior Environmental Practitioner.* Maletswai Municipality was in the process of formalising parts of Dukathole Township and the appointment was to undertake the necessary basic assessment process. Responsible for all aspects of the EIA. Involved for 3 person-months. (Maletswai Local Municipality).

Department of Environmental Affairs and Tourism (DEAT) support - Environmental Impact Assessment (EIA) backlog review (East London, South Africa) 2007 - 2008. *Senior Environmental Practitioner.* Appointed to assist with the review of outstanding EIA applications in terms of the Environment Conservation Act (No 73 of 1989) in the Eastern Cape. Responsible for assisting in the evaluation and processing these applications. Involved for 5 person-months. (Department of Environmental Affairs and Tourism).

PG Bison Ugie - Operational Environmental Management Plan (OEMP) (East London, South Africa) 2007 - 2008. *Senior Environmental Practitioner.* PG Bison requested assistance with developing an OEMP for a new particle board factory at Ugie. Responsible for assisting with the finalisation of the OEMP for the project. Involved for 1 person-month. (PG Bison).

PG Bison, (Ugie) - environmental auditing services (East London, South Africa) 2007 - Date. *Senior Environmental Practitioner.* Appointed to undertake independent environmental audits of PG Bison's compliance with its environmental management plans during the construction and operational phases of the development. Responsible for quarterly operational phase audits. Involved for 0.5 person-months. (PG Bison).

Needs Camp water supply scheme - environmental auditing services (East London, South Africa) 2007 - 2009. *Senior Environmental Practitioner.* The project involved the construction of a bulk water supply pipeline across the Buffalo River as well as a bulk supply reservoir. Responsible for audits on the project to ensure compliance with environmental requirements. Involved for 0.5 person-months. (Buffalo City Local Municipality).

Sidwadweni water supply scheme Phases II, III and IV - environmental auditing services, (Eastern Cape, South Africa) 2007 - Date. *Senior Environmental Practitioner.* Appointed to undertake regular audits on the project to ensure continued compliance with environmental requirements. Responsible for undertaking audits. Involved for 0.5 person-months. (OR Tambo District Municipality).

Stream flow reduction licensing application assessment committee for afforestation applications (Eastern Cape, South Africa) 2004 - 2007. *Senior Environmental Officer.* Appointed as a member of the committee that coordinates the approval of afforestation developments in the Eastern Cape. Responsible for commenting on environmental aspects, advising on Environmental Impact Assessment (EIA) processes and facilitating dovetailing of the various environmental approval processes. Involved for 1 person-month. (Department of Water Affairs and Forestry).

Incident Management System (IMS) for the N6 between Queenstown and Aliwal North (Eastern Cape, South Africa) 2000. *Senior Environmental Officer.* Appointed to provide input for the development of an IMS. Responsible for providing input into the development of an IMS for the section of national road between Jamestown and Aliwal North. Included in this plan were the environmental actions that needed to be taken in the event of an incident such as a tanker fuel spill. Involved for 0.5 person-months. (Chris Hani District Municipality).

Integrated Development Plans (IDPs) - municipalities within the Chris Hani and Ukhahlamba district municipal areas (Eastern Cape, South Africa) 1999 - 2007. *Senior Environmental Officer.* Appointed as a representative of the provincial environmental authority. Responsible for providing environmental input into the IDP processes for the municipalities. Involved for 1 person-month. (Various municipalities within the

Chris Hani and Ukhahlamba District Municipality).

Review of applications submitted in terms of the Environmental Impact Assessment (EIA) Regulations (Eastern Cape, South Africa) 1997 - 2007. *Environmental Officer.* Appointed as Environmental Officer at the Department of Economic Development and Environmental Affairs, Queenstown, South Africa. Key projects include: Beta-Delphi 800kv line between Bloemfontein and Queenstown; 66kv line between Ugie and Qumbu; fuel storage both above and underground; impact assessments for the construction of filling stations; PG Bison particle board plant at Ugie; golf estate at Zwartbosch; low-income township development applications; release of organisms for biological control; national EIA applications for the release of biological control agents; upgrading of Tiffindell Ski Resort; construction and upgrading of the Ugie-Langeni, Cala-Lady Frere and Maclear-Mt Fletcher roads; sewage treatment works EIAs for Engcobo, Ugie, Maclear, Hofmeyer and Barkly East; telecommunications towers for Telkom, Vodacom, MTN, Cell-C, Sentech and the South African Police Service; waste disposal site EIAs for Lady Grey, Aliwal North, Steynsburg, Queenstown, Molteno, Sterkstroom, Ugie, Maclear; scoping reports for water supply schemes to villages in the Chris Hani and Ukhahlamba District Municipal areas; and the construction of dams at Jamestown, Barkly East, Maclear and Mt Fletcher. Responsible for reviewing over 500 EIA reports, undertaking site inspections, holding meetings with clients and drawing up the necessary records of decision. Involved for 100 person-months. (Department of Economic Development & Environmental Affairs, Queenstown, South Africa).

Review of Environmental Management Plans (EMPs) (Eastern Cape, South Africa) 1997 - 2007. *Environmental Officer.* Appointed as Environmental Officer at the Department of Economic Development and Environmental Affairs, Queenstown, South Africa. Reviewed EMPs include: the PG Bison development at Ugie; the upgrading of Tiffindell Ski Resort; and EMPs for water supply schemes, road upgrades and telecommunication masts. Environmental Management Programme Reports reviewed: the prospecting of coal near Indwe; development of a hard rock quarry between Maclear and Mt Fletcher; the establishment of borrow pits; and sand mining. Responsible for assessing over 20 as required in terms of the Environmental Impact Assessment (EIA) regulations as well as reviewing and providing comment on Environmental Management Programme Reports (EMPRs) submitted to the provincial environmental authority for comment by the Department of Minerals and Energy. Involved for 5 person-months. (Department of Economic Development & Environmental Affairs).

Research supervision

Co-supervisor for a Masters in Environmental Management dissertation undertaken by Mr AA Rhode in the Centre for Environmental Management at the University of the Free State. Dissertation title: "An investigative account of the environmental impacts of small-scale brick-making activities in the Eastern Cape". (2004 - 2005)

Education

2009	:	PhD (Geography), University of South Africa (UNISA)
2003	:	BSc Hons (Psychology), University of South Africa (UNISA)
1996	:	MSc (Geography), Rhodes University, South Africa
1995	:	BSc Hons (Geography), Rhodes University, South Africa
1994	:	BSc (Geography, Psychology), Rhodes University, South Africa

Career enhancing courses

2006	:	Environmental Management Inspector bridging training, University of Pretoria, South Africa
2003	:	Air Quality Management Course, University of Potchefstroom, South Africa
2001	:	Peace Officer Course, -
2001	:	Aquatic Biomonitoring for Water Resource Managers and Personnel, Institute for Water Research and Institute for Water Quality
1998	:	Environmental Impact Assessment training workshop, CSIR, Pretoria, South Africa
1997	:	Alien Plant Control for Land Managers, Plant Protection Research Institute (ACR-LNR), Pietermaritzburg, South Africa
1997	:	Principles of Environmental Compliance and Enforcement, United States Environmental Protection Agency
1997	:	Principles of the Rehabilitation of Disturbed Areas, University of Potchefstroom, South Africa

Professional affiliations

Professional Member, South African Institute of Ecologists and Environmental Scientists

Languages

	Reading	Writing	Speaking
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Fair	Good

Publications

Youthed, J & Zietzman (2008). "Life after the EIA consent decision: an Eastern Cape example of best practice in follow-up". Paper presented at the 2008 International Association for Impact Assessment South Africa (IAIASa) conference, 11-13 August 2008, Bela Bela, South Africa.

Referees

Company	Contact Person	Telephone nr.
Department of Economic Development & Environmental Affairs	Gerry Pienaar	+27 (0) 609 4703

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: Ms M LOWIES

Name : **LOWIES, MARGARET**
 Date of Birth : 05 October 1987
 Profession/Specialisation : Environmental Practitioner
 Years with Firm : 2
 Nationality : South African
 Years experience : 2

Key qualifications

Miss Lowies has a B.Sc. Geography (Hons) degree. She has limited experience in the public participation process, compilation of social and labour plans and establishment of environmental forums for public participation purposes. She is currently specialising in water quality and water resource management.

Employment record

12/2010 - Date Aurecon, Environmental Practitioner
 06/2010 - 11/2010 Umsizi, Assistant Social Scientist

Experience record

Public Servant Association Social and Labour Plan (SLP) (Eastern Cape , South Africa) 12/2010 - 02/2011. The Social and Labour Plan was done in order to obtain a mining right conversion for the DMR for the Gonubie Sand Mine. Compilation of SLP and communication with DMR. Involved for 3 person-months. (Public Servant Association).

Augmentation of the Driftsands Collector Sewer (Eastern Cape, South Africa) 12/2010 - Date. *Environmental Assessment Practitioner.* The upgrade of the Driftsands collector sewer. Managing the EIA process and public participation. (Nelson Mandela Bay Municipality).

Driftsands WWTW upgrade (Eastern Cape, South Africa) 12/2010. *Environmental Control Officer.* The upgrade of the Driftsands (outside Port Elizabeth) WWTW. Includes both mechanical and civil upgrades. Responsible for monitoring compliance with the Environmental Management Plan (EMP) and Record of Decision (ROD). (Nelson Mandela Bay Municipality).

Construction of Graaff Reinet Solid Waste Site (Eastern Cape, South Africa) 12/2010 - Date. *Environmental Control Officer.* The construction of a new solid waste site outside Graaff Reinet. Responsible for monitoring compliance with the Environmental Management Plan (EMP) and Record of Decision (ROD). (Camdeboo Local Municipality).

Graaff Reinet Waste Water Treatment Works (WWTW) (Eastern Cape, South Africa) 12/2010 - Date. *Environmental Control Officer.* The upgrade of the Graaff Reinet WWTW including the upgrade of mechanical equipment and expansion of civil structures. Responsible for monitoring compliance with the Environmental Management Plan (EMP) and Record of Decision (ROD). (Camdeboo Local Municipality).

Upgrade of Brickfields Pre-Treatment Works (Eastern Cape, South Africa) 12/2010 - Date. *Environmental Assessment Practitioner.* The upgrade of all mechanical equipment and civil structures as well as the construction of a second holding pond. Responsible for the whole EIA process. (Nelson Mandela Bay Municipality).

Education

2010 : BSc Geography (Hons) (in progress), University of Johannesburg, South Africa
 2008 : BSc (Geography and Environmental Management), University of Johannesburg, South Africa
 0 : MSc Geography, University of Johannesburg, South Africa

Languages

	Reading	Writing	Speaking
English	Excellent	Excellent	Good
Afrikaans	Excellent	Excellent	Excellent

Referees

Company	Contact Person	Telephone nr.
Umsizi	Mr JM Kilian	011 791 5526 / johnmark@umsizi.co.za
University of Johannesburg	Prof J T Harmse	011 559 2428 / tharmse@uj.ac.za

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

Signature of Staff Member

Date



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Working for Wetlands Prioritisation Programme – Mpumalanga Province

Environmental Assessment Practitioner (EAP): ¹	Aurecon South Africa (Pty) Ltd		
Contact person:	Jenny Youthed		
Postal address:	PO Box 19553, Berea, East London		
Postal code:	5241	Cell:	-
Telephone:	043 721 0900	Fax:	043 721 0902
E-mail:	Jenny.youthed@aurecongroup.com		
Professional affiliation(s) (if any)	SAIE&ES, IAIA _{sa}		

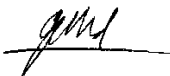
Project Consultant:	Aurecon South Africa (Pty) Ltd		
Contact person:	Mr Fareed Nagdi		
Postal address:	PO Box 494, Cape Town		
Postal code:	8000	Cell:	083 792 0872
Telephone:	021 526 5725	Fax:	021 526 9500
E-mail:	fareed.nagdi@aurecongroup.com		

4.2 The Environmental Assessment Practitioner

I, Jennifer Gay Youthed _____, declare that –

General declaration:

I act as the independent environmental practitioner in this application
I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
I declare that there are no circumstances that may compromise my objectivity in performing such work;
I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
I will comply with the Act, regulations and all other applicable legislation;
I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
I have no, and will not engage in, conflicting interests in the undertaking of the activity;
I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
I will keep a register of all interested and affected parties that participated in a public participation process; and
I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
all the particulars furnished by me in this form are true and correct;
will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.



Signature of the environmental assessment practitioner:

Aurecon

Name of company:

14 February 2013

Date: