

# APPENDIX H

## **Details of EAP and declaration of interest**



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


### DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	14/12/16/3/3/1/563
NEAS Reference Number:	DEA/EIA/0001204/2012
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

BA for the installation of 132kV transmission lines from Melkhout to Patensie, Cacadu District

Environmental Assessment Practitioner (EAP): <sup>1</sup>	Walter Fyvie		
Contact person:			
Postal address:	PO Box 63703, Greenacres, Port Elizabeth		
Postal code:	6057	Cell:	072 843 9630
Telephone:	041 392 7500	Fax:	041 363 9300
E-mail:	wfyvie@gbb.co.za		
Professional affiliation(s) (if any)	Pr.Sci.Nat (Environmental Science - 400053/04) (SACNASP)		

Project Consultant:			
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

#### 4.2 The Environmental Assessment Practitioner

I, Walter Fyvie, 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.

Disclosure of Vested Interest (delete whichever is not applicable)

• I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;

• I have a vested interest in the proposed activity proceeding, such vested interest being:


I do not have and will not have any vested interest.

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Signature of the environmental assessment practitioner:

Arden G. 100  
Name of company:

2012.05.17  
Date:

## CURRICULUM VITAE

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Company Name	GIBB
Nationality	<b>Walter Raymond FYVIE</b> South African
Date of Birth	18.05.1976
Profession	Environmental Consultant
Position	Senior Environmental Scientist
Specialisation	Environmental Impact Assessment, Environmental Monitoring and Auditing, Waste Management
Start date with GIBB	2002 - Permanent full time staff member (This is with the exclusion of an approximately two year period working abroad)

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### Key experience

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An environmental consultant with 11 years of experience, Walter Fyvie specialises in environmental management, including Environmental Impact Assessments, Environmental Monitoring and Auditing and Waste Management. He has recently spent two years working in this capacity in England, before returning to GIBB. His technical background in zoology, biochemistry, biotechnology and environmental management enables him to appreciate the scientific, engineering and biological requirements of environmental projects.

His key experience includes:

- **Environmental Impact Assessments (EIAs)**, including leading Basic Assessments, scoping studies, detailed impact assessment, public participation and coordination of specialist studies
  - **Environmental Management Programmes/Plans (EMPs)**
  - **Environmental Monitoring and Auditing**, including waste facility audits, ISO14000 audits, and construction audits as an Environmental Control Officer (ECO).
  - **Waste Management** including waste stream surveys, waste characterisation studies and recycling initiatives.
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### Qualifications and affiliations

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Master of Science (Environmental Biotechnology) : Rhodes University, 2001  
Bachelor of Science (Honours) Biochemistry : University of Port Elizabeth, 1997  
Bachelor of Science (Zoology and Biochemistry) : University of Port Elizabeth, 1996  
Professional Member of the South African Council for Natural Scientists, 2004  
PrNatSci Registration No : 400053/04  
Associate Environmental Auditor, Institute of Environmental Management & Assessment (IEMA), UK. (Membership No. 0024575)  
Eastern Cape Committee Member of the Institute of Waste Management of South Africa (Membership No. 40105031)  
Member of the International Association for Impact Assessment South Africa (Membership No. 2614)

## **FYVIE W C V SHEET 2**

### Short courses

- Planning and the UK Planning System. Presented by ADH Consulting, Banbury, Oxfordshire, 2008
  - ISO 14001 Auditors Course (5 day IEMA approved course). Presented by Crystal Clear, 2005
  - Certificate in Air Quality Management. Presented by Department of Environmental Health, Technikon, Pretoria, 2002
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## FYVIE W C V SHEET 3

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### Career summary

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- May 2009 to date     **GIBB**, Port Elizabeth, South Africa – Senior Environmental Scientist
- Responsible for leading and providing scientific services for a range of environmental projects including EIAs, environmental planning, environmental auditing, and waste management projects
- Apr 2008 to Mar 2009     **Atkins Ltd**, Peterborough, UK – Senior Consultant
- A senior consultant in the Strategy, Assessment and Management (SAM) team involved mainly in environmental planning works for the Environment Agency (government department responsible for river management in England and Wales) including environmental impact assessments and strategic environmental assessments for flood defence schemes, habitat creation projects and river restoration works
- Jul 2007 to Apr 2008     **Waterman Environmental**, London, UK – Senior Consultant
- Responsible as project leader for various EIAs for the development of residential and mixed use schemes within the greater London area. Tasks included client liaison, financial and programme management and managing and contributing to the drafting of Environmental Statements. A key role was the appointment and management of technical specialists. Specialist investigations for EIAs typically included UXB (unexploded bomb) surveys, ground condition and contaminated land investigations, wind assessments, noise and vibration assessments, ecological assessments, townscape and visual impacts assessments (including verified CGI modelling), flood risk assessments, telecommunication impact assessments, daylight and overshadowing assessments, air quality assessments, traffic impact assessments, archaeological and cultural heritage assessments, and cumulative impact assessments
- 2002 to Apr 2007     **GIBB** – Senior Environmental Scientist
- An environmental consultant active in Environmental Impact Assessments, Environmental Monitoring, Environmental Management Programmes and Environmental Management Systems
- 2002     **Uhambiso Consult (Pty) Ltd (formerly Liebenberg & Stander, South and Eastern Cape)**
- Acting office manager (East London and Mthatha) and contracts manager for the administration of civil contracts in the former Transkei region
- 2001     **Biotechnology & Environmental Specialist Consultancy (BESC)**
- Environmental consultant assigned to undertake Environmental Impact Assessments, Environmental Management Systems (ISO 14001 internal audits), and Environmental Site Assessments
- 2001     **Rhodes University**
- Assistant course co-ordinator for the Master of Science (Environmental Biotechnology) and Industrial Environmental Management Certificate Course in the Department of Biochemistry, Microbiology and Biotechnology

## FYVIE W C V SHEET 4

- 1999 **Chris Mulder & Associates**  
Temporary warden of Thesen Island, Knysna : Ornithological fieldwork. Species census and behavioural studies
- 1999 **Mala-Mala Game Reserve**  
Game ranger and guide
- 1998 to 1999 **University of Cape Town**  
Bibliographer for Roberts Birds of Southern Africa, 7<sup>th</sup> Edition Project
- 1998 **Timbavati Wilderness Trails - Game Guide/Camp Assistant**
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### Project experience

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Key projects and associated responsibilities include:

#### Environmental Impact Assessments

- Alicedale Stormwater Upgrade (Basic Assessment). A Basic Assessment for the upgrade and construction of stormwater facilities (within 32 m of a watercourse) associated with road upgrades in a residential area in Alicedale, Eastern Cape. Project leader. Masuku, Dube, Tiffin (on behalf of Makana Local Municipality), 2011 – present.
- Mount Road Social Housing EIA (Basic Assessment). An assessment for the rezoning of two erven of Public Open Space in Port Elizabeth for the development of 502 Social Housing Units in a residential neighbourhood. Specialist studies for which specialists were sub-contracted included a Social Impact Assessment, Heritage Impact Assessment, Traffic Impact Assessment, and Geological review. Project leader. Nelson Mandela Bay Municipality, 2010 – present.
- Patensie to Kareedouw 132kv Distribution Powerline (Basic Assessments x3). Assessment for the construction of 99 km of 132kv overhead powerline, two new sub-stations (Patensie and Dieprivier) and an extension to the Melkhout Sub-station. Specialist investigations included Avifauna Assessment, Heritage Impact Assessment and Vegetation Assessment. Project leader. Eskom Distribution, 2010 – present.
- Siphakeni Telecommunication Mast EIA (Basic Assessment). Undertaking of a Basic Assessment for the construction of a telecommunications mast at the Siphakeni sub-station near Flagstaff in the Eastern Cape. Tasks included drafting of the Basic Assessment Report. Project leader. Eskom Distribution, 2009
- River Wensum Restoration Project. A member of the professional team tasked with devising restoration proposals for various reaches of the River Wensum in Norfolk, England. Restoration of the entire river SSSI (Site of Special Scientific Interest) (71km) was being considered, the first of its kind in the UK. Responsible for drafting Pre-feasibility reports and managing the Environmental Impact Assessments aspects of the project as well as providing input into the MCA (Multi-criteria analysis) process for determining suitable restoration measures. Project scientist. Environment Agency, 2008 – 2009



## FYVIE W C V SHEET 5

- Leeds Flood Alleviation Scheme EIA. Advisor to the engineering and planning team in the early stages of defining the engineering proposal for constructing flood defences on the River Aire through the centre of the city of Leeds, UK. Responsibilities included reviewing the Scoping Consultation Report, and providing environmental input as required. Project scientist. Environment Agency, 2008 – 2009
- Haggerston West and Kingsland Residential EIA. A proposed regeneration project involving the construction of 750 residential units in Hackney, London, UK. The Environmental Statement (ES) accompanied the outline planning application for the development. EIA Project manager. London and Quadrant Housing Association, 2007 – 2008
- River Lee Crown Wharf EIA. The proposed project was a four-tower residential development (900 residential units and limited commercial) on the banks of the River Lee near Canning Town, London, UK. The Environmental Statement was to accompany a hybrid planning application for the development. Not completed. EIA Project manager. Moonberry Properties, 2007 – 2008
- Upton Park Queens Market Development EIA. Project manager for a series of specialist studies commissioned to inform the EIA for the Queens Market development, a mixed use refurbishment project involving the reconstruction of Queens Market in Upton Park, Newham, London. The development included the expansion of the market and the construction of 352 residential units. Specialist studies Project Manager. St Modwen Properties, 2007 – 2008
- City Pride development EIA. An EIA for a 63 storey tower development (approx. 60 storeys) on Isle of Dogs, London, UK. The tower was to include largely residential units (410) and a luxury hotel. The Environmental Statement was to accompany a detailed planning application. Not completed. EIA Project manager. Glenkerrin UK, 2008
- Station Hill commercial led mixed use development. Responsible for compiling the responses to Regulation 19 requests (formal requests by the local planning authority for further environmental information) for the EIA for Station Hill Reading, a commercial led mixed use development in Reading, UK. Project scientist. Sackville Development, 2008
- Zimbane-Mafini 66 kV Powerline Basic Environmental Assessment. An environmental assessment and EMP for the construction of a 60 km long 66 kV powerline from Lusikisiki to Mthatha, Eastern Cape, RSA. Project leader. Eskom Distribution Southern Region, 2006 – 2007
- Tsolwana 66 kV Powerline and Substation Basic Environmental Assessment and EMP. The proposed project concerns the construction of a substation and 70 km long 66 kV powerline from Queenstown to Tarkastad, Eastern Cape, RSA. Project scientist. Eskom Distribution Southern Region, 2006 – 2007
- Hemingways Shopping Mall EIA. The Environmental Scoping study was undertaken for the rezoning of two land parcels for the development of a regional shopping mall in East London, RSA. Project included permit applications in terms of the National Forest Act for the destruction of forest. Project leader. The Billion Group, 2006
- Qumbu-Ugie 132 kV Powerline EIA. Environmental scoping process and EMP for the construction of a 60 km long, 132 kV overhead powerline from Qumbu to Ugie in the former Transkei. Project leader. Eskom Distribution Southern Region, 2005 – 2006

## **FYVIE W C V SHEET 6**

- Nzonyane 22 kV Powerline EIA. Environmental scoping process and EMP for the construction of a 6 km long, 22 kV overhead powerline, in the Ngqeleni area, Nyandeni Municipality, RSA. Project leader. Sektor Engineering, 2005
- Gqunube Valley Eco Golf Resort – Off-site services EIA. Environmental Scoping study for the construction of two bulk water pipelines (approximately 15 km in length) to supply domestic and irrigation water to the Gqunube Valley Eco Golf Resort at Gonubie, East London, RSA. Project leader. The Billion Group, 2005 – 2007
- Gqunube Valley Eco Golf Resort. Environmental Scoping study and full EIR for development of an 18-hole golf course and 779 erven estate near Gonubie, East London, RSA. Activities included operational and construction EMPs and a Visual Impact Assessment. Project leader. The Billion Group, 2005 – 2007
- Hogsback 3.3 kV Powerline EIA. Route selection, environmental scoping process and EMP for the development of a 3.3 kV underground powerline in Hogsback, Eastern Cape. Project leader. Eskom Distribution Southern Region, 2004 – 2006
- Kubusie 11 kV Powerline EIA. Environmental Scoping process and EMP for the construction of an 11 kV overhead powerline near in the Kubusie area, Keiskammahoek, RSA. Project leader. Eskom Distribution Southern Region, 2004 – 2005
- Siphakweni Substation EIA. Environmental scoping process and EMP for the construction of a substation near Flagstaff, Eastern Cape. Project leader. Eskom Distribution Southern Region, 2004 – 2005
- Dumasi-Zimbane 132 kV Powerline EIA. Environmental scoping process and EMP for the construction of a 90 km long 132 kV powerline from Lusikisiki to Mthatha, RSA. Project leader. Eskom Distribution Southern Region, 2004 – 2005
- Tyhefu Irrigation Scheme Phase 2 EIA. Limited Environmental Scoping Report for a small diesel facility. Responsible for all aspects of project, including field assessment and reporting. Project leader. Eastern Cape Department of Agriculture, 2003
- Coega Station to Ngqura Port Rail Link EIA. Project leader for an extended environmental scoping study for the construction of a 6.5 km railway line feeding the Coega IDZ, Port Elizabeth, RSA. Project leader. Spoornet, 2002 – 2003
- Tyhefu Irrigation Scheme Phase 2 EIA. Extended Environmental Scoping Report, EMP and ECO role for the construction of a 6 km long bulk irrigation line in the Fish River Valley, Eastern Cape, RSA. Responsible for all aspects including field assessments (including specialist botanical survey), public participation, reporting and Environmental Control officer. Project leader. Eastern Cape Department of Agriculture, 2002 – 2004
- Rabula Water Supply Scheme. Public participation process. Tasks including planning and chairing public meetings and reporting. Project scientist. Amatola District Municipality, 2002

### **Environmental Screening and Feasibility Studies**

- Gqunube Valley Eco Golf Resort – Boardwalk Feasibility Investigation. An investigation into the feasibility of developing a boardwalk to provide beach access to the proposed Gqunube Valley Eco Golf Resort, East London, RSA. Project leader. The Billion Group, 2006

## **FYVIE W C V SHEET 7**

- Hailey Road Drain Pre-feasibility Assessment. Pre-feasibility environmental assessment of the implication of constructing flood retention dams in the local catchment of the Hailey Road Drain, a drain flowing through a residential area of Witney in Oxfordshire, UK. Project scientist. Environment Agency, 2008
- Townhouse development, Erf 2370 Amalinda. Environmental Screening of erf 2370, Amalinda, East London, RSA for the development of town houses. Project leader. Kebeni Properties, 2005

### **Environmental Strategy and Policy Work**

- Nelson Mandela Bay Municipality (NMBM) Revision of Integrated Environmental Policy. Development of a second generation Integrated Environmental Policy for the NMBM in Port Elizabeth. Included comprehensive staff survey programme and public participation programme. Project leader. NMBM, 2010 – present.

### **Environmental Management Design and Planning**

- Binham Gauging Station Environmental Planning. Development of a flow gauging station on the Binham Stream, Norfolk, UK. Responsible for all environmental and planning aspects of the project including drafting the Environmental Report and compiling the planning application. Project scientist. Environment Agency, 2008 – 2009
- Hilgay Habitat Creation Project. Planning and design of a 60ha artificial reedbed wetland near Hilgay, Norfolk, UK. Responsible for the Project Appraisal Report, and management of specialist studies including Flood Risk Assessment, Geotechnical Assessment and input from the Panel Reservoir Engineer. Project scientist. Environment Agency, 2008 – 2009

### **Environmental Auditing, Monitoring and Control**

- Health Care Risk Waste Facility Audit. Three compliance audits (in terms of the National Environmental Management Act (Act 107 of 1998) and Environment Conservation Act (Act 73 of 1989) authorisations) for a Health Care Risk Waste (HCRW) electro-thermal deactivation plant in Johannesburg, South Africa. Lead auditor. SWTSA, 2011.
- Power Station ISO 14000 pre-certification audit. The coal-powered power station is located near Grootvlei, Mpumalanga, South Africa. Tasks were limited to 3 days on-site work only, including reviewing Environmental Management System (EMS) documentation, site checks and interviews with personal. Audit Observer. Eskom Generation, 2010
- Power Station ISO 14000 certification audit. The coal-powered power station is located near Arnot, Mpumalanga, South Africa. Tasks were limited to 3 days on-site work only, including reviewing EMS documentation, site checks and interviews with personal. Training auditor. Eskom Generation, 2010.
- Health Care Risk Waste Facility Audit. Audit (in terms of the Gauteng Health Care Waste Management Regulations, 2004) of the transportation activities of a Health Care Risk Waste (HCRW) electro-thermal deactivation plant in Johannesburg, South Africa. Audit team member. SWTSA, 2010.
- Sinati Coastal Golf Estate. Environmental Control Officer (ECO) for the golf course construction contract for the estate near East London, RSA. Project leader. The Billion Group, 2009
- Wisbech Flood Alleviation Scheme. Environmental advisor during construction of the Wisbech Flood Alleviation Scheme in Wisbech, Cambridgeshire, UK. Scheme

## **FYVIE W C V SHEET 8**

included the replacement of flood defence sheet piling along the majority of the 3km target stretch of the River Nene. Project scientist. Environment Agency, 2008 – 2009

- Qumbu-Ugie 132 kV Powerline. Construction environmental compliance audits of a 60 km long, 132 kV overhead powerline from Qumbu to Ugie, in the Eastern Cape, RSA. Project leader. Eskom Distribution Southern Region. 2006 – 2007
- Mount Frere Ext 7 and Mount Ayliff Ext 5 Housing Schemes audit. Environmental performance audit of two partially completed Rural Development Programme (RDP) Housing Schemes in Mount Frere and Mount Ayliff. Project leader. Umzimvubu Local Municipality, 2006
- Kacnis Transport Site groundwater investigation. Groundwater quality data interpretation, evaluation and reporting for a site in Berlin, RSA. Project scientist. Anglo-American, 2003
- Ducats Landfill Site Closure. Closure of the Ducats Landfill Site in East London, RSA. Tasks included Environmental Site Assessment, designing of surface water sampling programme, water sampling, data interpretation and reporting. Project scientist. Buffalo City Municipality, 2002
- Environmental monitoring manager for the East London Regional Waste Disposal Site. Monitoring programmes included air quality, ground and surface water quality, fish fauna, aquatic invertebrate and river sediment monitoring. Project leader. Buffalo City Municipality, 2002 – 2004
- East London Regional Waste Disposal Site. Finalisation of Environmental Management Plans, and performing environmental control officer role for infrastructure contracts during development of the waste site. Buffalo City Municipality, 2002 – 2004

### **Strategic Environmental Assessment**

- Upper Aire Strategic Environmental Assessment. SEA supporting a Flood Risk Management Strategy for flood alleviation options along a section (approximately 50km) of the River Aire, West Yorkshire, UK. Responsible for assessing river reaches in terms of environmental risk and finalising the SEA report. Project scientist. Environment Agency, 2008 – 2009
- Gqunube Valley Eco Golf Resort. Limited SEA required to inform development options for a site intended for the construction of an 18-hole golf course and 779 erven estates near Gonubie, East London, RSA. Project scientist. The Billion Group, 2005

### **Waste Management**

- Integrated Waste Management Plan (IWMP) for Nelson Mandela Bay Municipality (NMBM). An IWMP for the NMBM, the local authority (Metro) in the Port Elizabeth area. Tasks included waste characterisations, review of waste infrastructure, institutional assessment, a public perception survey developing objectives and an implementation plan. Project leader. NMBM, 2011 – present.
- Mbhashe and Mquma Municipalities Transfer Station Feasibility Study and Licensing. Feasibility Study for four waste transfer stations the Eastern Cape, RSA. Tasks include geohydrological desktop investigations, conceptual design, licence application in terms of National Environmental Management Waste Act (59 of 2008) and Basic (Environmental) Assessment in terms of National Environmental Management Act (56 of 2002). Project leader. Amathole District Municipality, 2009 – present.

## FYVIE W C V SHEET 9

- Eastern Cape Integrated Waste Management Plan (IWMP). Development of a Provincial IWMP for the Eastern Cape Province. The plan addressed general and hazardous waste management, and included a literature survey, questionnaire survey of local authorities and private industries, and workshops with the project steering committee. Team leader. Department of Economic Development and Environment Affairs (DEDEA), 2008 – 2010
- Mbhashe and Mquma Municipalities Transfer Station Pre-Feasibility. Pre-feasibility study for development of four waste transfer stations in the Eastern Cape, RSA. Project included a limited economic analysis and site selection process. Project leader. Amathole District Municipality, 2008
- Buffalo City Recycling Buy-Back Centres. Planning, commissioning, operation and monitoring of pilot recycling Buy-Back Centres in Buffalo City. A multi-disciplinary project including waste management, environmental assessment, public participation and social management. Project leader. Buffalo City Municipality, 2004 – 2006
- Waste stream survey. A waste stream survey for the OR Tambo District Municipality. Project scientist. OR Tambo District Municipality, 2003 – 2004
- BCM Hazardous waste survey. A hazardous waste survey to inform the development of the East London Regional Waste Disposal Site. Project scientist. Buffalo City Municipality, 2002

### Mining Applications

- Tyhefu Irrigation Scheme, Phase 2. Mining license application and EMPR for two borrow pits. Project scientist. Eastern Cape Department of Agriculture, 2003
- Bulk Services for Unhati Mkefa. Mining license application and EMPR for one borrow pit. Project scientist. Lukhanji Municipality, 2003

### Information Systems

- Housing Rectification Surveys, Eastern Cape. Surveys of rectification requirements for approximately 4000 RDP houses in the Chris Hani and Amathole Districts of the Eastern Cape, South Africa. Responsible for coordinating field surveyors, and all data management, analysis and reporting. Eastern Cape Department of Housing, 2010 – 2011.

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### Language capability

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

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**Signature**

**Date**

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