

JOHN RICHARDSON

NAME OF FIRM : *TERRATEST (Pty) Ltd*

NAME OF PERSON : *JOHN RICHARDSON*

NATIONALITY : *SOUTH AFRICAN*

DATE OF BIRTH : *1979/06/18*

PROFESSION : *ENVIRONMENTAL ASSESSMENT PRACTITIONER*

POSITION IN FIRM : *ENVIRONMENTAL SCIENTIST*

QUALIFICATION : *BSc HONOURS (GEOGRAPHY AND ENVIRONMENTAL MANAGEMENT)*

SPECIALISATION IN FIRM : *ENVIRONMENTAL IMPACT ASSESSMENT*

YEARS OF EXPERIENCE : *8.5*

YEARS WITH FIRM : *3.5 YEARS*

SUMMARY OF EXPERIENCE

Mr Richardson graduated from the School of Applied Environmental Sciences at the University of KwaZulu-Natal, Pietermaritzburg. After completing a BSc undergraduate degree in Geographical Sciences, a post-graduate BSc honours degree in Geography and Environmental Management was obtained. The latter is a multidisciplinary degree and included courses in Natural Resource Management and Sustainable Land Use, Applied Geomorphology, Environmental Modelling and Management, Advanced Remote Sensing and Geographic Information Systems (GIS). Mr Richardson's research project involved an investigation into the use of aerial photography and geographic information systems to study coastal forest loss along the KwaZulu-Natal north coast, for which he received an award for outstanding academic achievement.

On completion of his postgraduate degree Mr Richardson was employed by Afzelia Environmental Consultants in the capacity of Environmental Scientist, specialising in the field of Geographic Information Systems. He has approximately eight and a half years' professional experience as an environmental scientist and GIS specialist in a range of environmental and strategic planning projects, processes and applications for private, government and commercial clients. Mr Richardson has experience in conducting both Basic Assessment and Scoping and Full Environmental Impact Assessment process under the 2006, 2010 & 2014 National Environmental Management: Environmental Impact Assessment Regulations, his experience includes Environmental Control Officer (ECO) duties and management of the GIS mapping requirements for several Biodiversity Sector Plans, Strategic Environmental Assessments, and Strategic Environmental Management Plans.

Mr Richardson prescribes to the International Association for Impact Assessment South Africa (IAIASa) code of conduct and has since 2009 been a committee member of the KwaZulu-Natal branch. He was in August 2014 elected as the IAIAsa KZN Branch Chairman. He has been

employed by Terratest (Pty) Ltd, which is a wholly owned subsidiary of Jeffares & Green since June 2012 in the position of senior environmental scientist.

SOCIETY MEMBERSHIP

IAIAsa Membership Number 2143 - KZN Branch Chairman

EDUCATION

1996 : **Matric** – Alexandra High School, Pietermaritzburg
2006 : **BSc (Geographical Science)** – University of KwaZulu-Natal
2007: **BSc Hons (Geography and Environmental Management)** – University of
KwaZulu-Natal

SPECIFIC CONSULTING EXPERIENCE

STRATEGIC ENVIRONMENTAL MANAGEMENT PROJECTS

Name of Project: **uThukela Biodiversity Sector Plan, uThukela District Municipality, KwaZulu-Natal (South Africa)**

Client: Ezemvelo KZN Wildlife

Project duration/date: July 2008 – January 2009

Job Title and Duties: GIS Specialist

Assisting the project team as the GIS specialist in the preparation of a biodiversity sector plan which involved the gathering and management of digital data from a variety of public and private sources, assessment of various environmental aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **Zululand Biodiversity Sector Plan, Zululand District Municipality, KwaZulu-Natal (South Africa)**

Client: Ezemvelo KZN Wildlife

Project duration/date: December 2008 – June 2010

Job Title and Duties: GIS Specialist

Assisting the project team as the GIS specialist in the preparation of a biodiversity sector plan which involved the gathering and management of digital data from a variety of public and private sources, assessment of various environmental aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **Impendle Strategic Environmental Management Plan, Impendle Local Municipality**

Client: Impendle Local Municipality

Project duration/date: August 2009 – February 2010

Job Title and Duties: GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the SEMP which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **Umdoni Strategic Environmental Assessment (SEA), Umdoni Local Municipality**

Client: Umdoni Local Municipality

Project duration/date: October 2010 – May 2012
Job Title and Duties: GIS Specialist
Assisting the project team as the GIS specialist in the preparation of the SEA which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **UMgungundlovu Strategic Environmental Assessment (SEA)**
Client: UMgungundlovu District Municipality
Project duration/date: June 2011 – June 2012
Job Title and Duties: GIS Specialist
Assisting the project team as the GIS specialist in the preparation of the SEA which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **Ugu Biodiversity Sector Plan, Ugu District Municipality**
Client: Ezemvelo KZN Wildlife
Project duration/date: August 2011 – May 2013
Job Title and Duties: GIS Specialist
Assisting the project team as the GIS specialist in the preparation of the Biodiversity Sector Plan which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **Umzumbe SDF, Ugu District Municipality**
Client: Thorn-ex on behalf of the Umzumbe Local Municipality
Project duration/date: January 2012 – March 2012
Job Title and Duties: GIS Specialist
Assisting Thorn-ex as the GIS specialist in the preparation and review of the SDF GIS mapping analysis and outputs.

Name of Project: **Ugu Environmental Management Framework (Biodiversity Report), Ugu District Municipality**
Client: Mott MacDonald
Project duration/date: March 2013 – May 2013
Job Title and Duties: GIS Specialist
Assisting the project team as the GIS specialist in the preparation of the Biodiversity component of the EMF which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

Name of Project: **Newcastle Environmental Management Framework, Newcastle Local Municipality**
Client: Isibuko Development Planners, for Newcastle Local Municipality
Project duration/date: May 2013 – April 2016
Job Title and Duties: GIS Specialist
Assisting the project team as the GIS specialist in the preparation of the EMF which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

AMENDMENT APPLICATIONS & POST AUTHORISATION REQUIREMENTS

Name of Project: Blackhurst Manor Estate, UMngeni Local Municipality, KwaZulu-Natal (South Africa)

Client: Blackhurst Manor (Pty) Ltd

Project duration/date: September 2012 – Present

Job Title and Duties: Environmental Assessment Practitioner
Assisting the project team with the amendment to Environmental Authorisation and post decision requirements.

Name of Project: Stockowners Business Park Amendment to Environmental Authorisation Application, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: ET Properties

Project duration/date: January 2014 - Present

Job Title and Duties: Environmental Assessment Practitioner
Preparation and submission of amendment to Environmental Authorisation Application, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans.

Name of Project: Gates at Hilton Residential Development Application for Approval of Maintenance Management Plan for two Agricultural Dams, UMngeni Local Municipality, KwaZulu-Natal (South Africa).

Client: Gwen's Stream Estate (Pty) Ltd

Project duration/date: January 2016 – March 2016

Job Title and Duties: Environmental Assessment Practitioner
Preparation and submission of a Maintenance Management Plan for works required to repair two agricultural dams located on the Gates at Hilton Estate and submission to the Provincial Department of Environmental Affairs.

Name of Project: Emanzini Eco Lodge Amendment to Environmental Authorisation, UMngeni Local Municipality, KwaZulu-Natal (South Africa).

Client: Mount Verde (Pty) Ltd

Project duration/date: July 2015 – February 2016

Job Title and Duties: Environmental Assessment Practitioner
Preparation and submission of an Amendment to Environmental Authorisation Application to change the land use of the club house to residential use.

ENVIRONMENTAL SCREENING & SCOPING ASSESSMENTS

Name of Project: Environmental investigations for Winston House Office Development, Gillitts, KwaZulu-Natal (South Africa)

Client: Mrs. S. Kramer

Project duration/date: January 2008 – June 2008

Job Title and Duties: Environmental Assessment Practitioner
Preparation of locality maps, the preparation of an Environmental Scoping Report and Environmental Management Plan.

Name of Project: Treasure Cove Housing Development, Hilton, KwaZulu-Natal (South Africa)

Client: Treasure Cove Trust

Project duration/date: December 2007 – October 2008

Job Title and Duties: Environmental Assessment Practitioner and GIS Specialist
Undertaking of the EIA process, including extensive site investigations, liaison with specialists, the preparation of locality maps, layout plans and wetland and forest delineation zone maps.

Name of Project: **Morton Haven Waterfront Residential and Recreational Resort, Midmar Dam, Umgeni Municipality**

Client: Bruce Peattie, Confluence Property Company

Project duration/date: February 2008

Job Title and Duties: GIS Specialist
Contouring, slope and aspect analysis, and the preparation of a TIN terrain model and 3-D fly-over.

Name of Project: **Ngwenya Sand Winning Project, Eston, KwaZulu-Natal (South Africa)**

Client: Ngwenya Sand

Project duration/date: April 2008

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of environmental investigations for the preparation of an Environmental Management Plan for submission to the Department of Minerals and Energy, including extensive site investigations, public participation, and the preparation of locality maps.

Name of Project: **Cato Ridge Mixed Use Development, Cato Ridge, KwaZulu-Natal (South Africa)**

Client: Andrew Barnes, Barnes Property

Project duration/date: August 2008

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening and general environmental mapping of the development site.

Name of Project: **Corndene Lakeside Resort, uMshwati Local Municipality, KwaZulu-Natal (South Africa)**

Project duration/date: May 2008

Job Title and Duties: GIS Specialist
GIS analysis and mapping for the Visual Impact Assessment study.

Name of Project: **Nondela Powerline Project, Tugela Valley, KwaZulu-Natal (South Africa)**

Project duration/date: April 2008

Job Title and Duties: GIS Specialist
Preparation of route maps and Ezemvelo KZN Wildlife (EZKZNW) Conservation Plan (C-Plan) Evaluation and vegetation zone assessment maps.

Name of Project: **Old Halliwell, Howick, KwaZulu-Natal (South Africa)**

Client: SSI Engineers and Environmental Consultants on behalf of the Developer

Project duration/date: March 2011 – April 2011

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening and general environmental mapping of the proposed development site.

Name of Project: **Willowfontein Road, Msunduzi Local Municipality, KwaZulu-Natal (South Africa)**

Client: TLS Engineers and Project Managers

Project duration/date: June 2012

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of and environmental screening process, including the preparation of a site specific Environmental Management Plan and motivational letter to the DAEA.

Name of Project: Kinira Dam desktop Environmental Screening Report, Eastern Cape (South Africa)

Client: Jeffares and Green (Internal Assessment)

Project duration/date: September 2012

Job Title and Duties: Environmental Assessment Practitioner
Desktop Environmental Screening Assessment, general environmental mapping of the development site and alternatives.

Name of Project: Relocation Action Plan for the establishment of a port at the village of Konta, Guinea, West Africa

Client: Bellzone

Project duration/date: June 2013

Job Title and Duties: Environmental and Social Impact Assessor
Undertaking of the RAP process, including site investigations, public consultation, GIS analysis, property and compensation valuations and preparation of the RAP report.

Name of Project: Environmental and Social Impact Assessment for the 200km of haul road from Kalia to Yomboyeli in Guinea, West Africa

Client: Bellzone

Project duration/date: October 2013

Job Title and Duties: Environmental and Social Impact Assessor
Undertaking of the preliminary ESIA process and environmental management requirements for a Greenfields 200km mining haulage road.

Name of Project: Manguzi Emergency Intervention Water Supply Project, uMkhanyakude District Municipality, KwaZulu-Natal (South Africa)

Client: uMkhanyakude District Municipality

Project duration/date: January 2014 - March 2014

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment (iSimangaliso Wetland Park Reporting Standard), general environmental mapping of the development site, and the preparation of a maintenance Environmental Management Plan.

Name of Project: Midmar Houseboat (Lady Sharon) Environmental Screening and Management Plan Environmental, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: Tristan Taylor

Project duration/date: January 2013

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening and Impact Assessment of boat route and mooring point, general environmental mapping of the boating route, and the preparation of an Environmental Management Plan.

Name of Project: Elandsbloof Irrigation Pipeline Environmental Screening Assessment, Theewaterskloof Local Municipality, Western Cape (South Africa)

Client: Dihlase Consulting Engineers

Project duration/date: May 2014

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: NCF Church Environmental Screening Assessment, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: NCF Church

Project duration/date: January 2014

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 33/8 Mt Verde Estate, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: Kim Declercq

Project duration/date: February 2014

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment for Several Road and Footpath Upgrades within the Amaoti and Westbrook Areas, eThekwini Municipality, KwaZulu-Natal (South Africa)

Client: Nankoo Engineers on Behalf of the eThekwini Municipality

Project duration/date: February 2015 - Present

Job Title and Duties: Environmental Assessment Practitioner
4 year ad hoc contract for various Environmental Screening Assessments, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 30 & 31 Mt Verde Estate, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: Mr Gerald Conway

Project duration/date: February 2015

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment for the University of KwaZulu-Natal Residences Westville Campus, eThekwini Municipality, KwaZulu-Natal (South Africa)

Client: University of KwaZulu-Natal

Project duration/date: April 2015

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment for the University of KwaZulu-Natal Residences Howard College Campus, eThekwini Municipality, KwaZulu-Natal (South Africa)

Client: University of KwaZulu-Natal

Project duration/date: April 2015

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 48 Mt Verde Estate, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)
Client: Mr & Mrs Le Roux
Project duration/date: September 2015
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 49 Mt Verde Estate, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)
Client: Mr Craig Parry
Project duration/date: September 2015
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 26 Mt Verde Estate, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)
Client: Mr Garth Ellis
Project duration/date: September 2015
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment for the Emberton Residential Estate Layout Changes, Gillits, eThekweni Municipality, KwaZulu-Natal (South Africa)
Client: Business Venture Investments (Pty) Ltd
Project duration/date: September 2015
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 2 of 1 of The Farm Lot 1 No 1613, Umshwathi Municipality, Kwazulu-Natal (South Africa)
Client: Mr Andre Voigts
Project duration/date: November 2015
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 64 of The Farm Hebron No. 914, Umngeni Local Municipality, Kwazulu-Natal (South Africa)
Client: Mr Anthony Crookes
Project duration/date: February 2016
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on Portion 5 of 13013, Mt Verde Estate, Umngeni Local Municipality, Kwazulu-Natal (South Africa)
Client: Mr Clinton Ross
Project duration/date: March 2016
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment on The Farm Netherwood No 17610, Umngeni Local Municipality, Kwazulu-Natal (South Africa)
Client: Mr Renzo Scribante
Project duration/date: April 2016 - Present
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

Name of Project: Environmental Screening Assessment for upgrades to the M13 Highway between Gillits and Westville, eThekweni Municipality, Kwazulu-Natal (South Africa)
Client: SMEC on behalf of the Department of Transport
Project duration/date: April 2016 - Present
Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

SECTION 24G / NON-COMPLIANCE ASSESSMENTS

Name of Project: Angels Way Airstrip and Skydiving Club, Eston, KwaZulu-Natal (South Africa)
Client: Howick Retirement Villages (Pty) Ltd
Project duration/date: January 2010 – May 2012
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the Section 24G process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Section 24G Report and Environmental Management Plan.

Name of Project: Environmental Non-Compliance requirements for Ptn 39 of Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)
Client: Rob le Sueur
Project duration/date: November 2013
Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

Name of Project: Environmental Non-Compliance requirements for Ptn 38 of Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)
Client: Simon Dix
Project duration/date: December 2013
Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

Name of Project: **Environmental Non-Compliance Investigations and Reporting Requirements for on Portion 5 Farm Hooper 14147 Hibberdene, Ugu District Municipality, KwaZulu-Natal (South Africa)**

Client: Gerry Vermeulen

Project duration/date: April 2013

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening and compliance assessments, including site investigations, liaison with specialists, preparation of locality maps and layout plans, and the preparation of response report submission to the Department Agriculture and Environmental Affairs.

Name of Project: **Environmental Non-Compliance Investigations and Reporting Requirements for on the Remainder of Erf 970 Port Edward, Ugu District Municipality, KwaZulu-Natal (South Africa)**

Client: Craig Robertson

Project duration/date: September 2013

Job Title and Duties: Environmental Assessment Practitioner
Environmental Screening and compliance assessments, including site investigations, liaison with specialists, preparation of locality maps and layout plans, and the preparation of response report submission to the Department Agriculture and Environmental Affairs.

Name of Project: **Environmental Non-Compliance requirements for a dam constructed on Ptn 1, 2 and 3 of the Farm Riverholm in Nottingham Road, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Clive Garlic

Project Duration/date: December 2013 – July 2014

Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

Name of Project: **Environmental Non-Compliance requirements on Voscham Stud for construction actives within a wetland and on the banks of the Mooi River in Nottingham Road, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Chris Vos

Project duration/date: December 2013 – December 2014

Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

Name of Project: **Environmental Non-Compliance requirements for construction of a Tented Camp and Lapa area constructed on Portion 49 Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Mr Craig Parry

Project duration/date: December 2014 – March 2015

Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

Name of Project: **Environmental Non-Compliance requirements for construction 8 Agricultural Dams on the Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Mount Verde (Pty) Ltd

Project duration/date: July 2014 - Present

Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and assistance with appeal procedures.

Name of Project: **Environmental Non-Compliance requirements for construction of a Perimeter Fence Line on the Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Mount Verde (Pty) Ltd

Project duration/date: July 2014 - November 2014

Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

Name of Project: **Environmental Non-Compliance requirements for dumping of process waste, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Willowton Oil (Pty) Ltd

Project duration/date: December 2015 - February 2016

Job Title and Duties: Environmental Assessment Practitioner
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

ENVIRONMENTAL CONTROL OFFICER DUTIES

Name of Project: **Cobblers Hill Housing Development, Nottingham Road, KwaZulu-Natal (South Africa)**

Client: Mr. Basil Mayne

Project duration/date: June 2007

Job Title and Duties: Environmental Control Officer
Assisted in the preparation of, and auditing compliance with, an Environmental Management Plan.

Name of Project: **D1130 Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**

Client: SNA Engineers (Pty) Ltd

Project duration/date: December 2008 – September 2009

Job Title and Duties: Environmental Control Officer
Preparation of a construction phase Environmental Management Plan and auditing compliance for the construction phase of development.
Preparation of monthly Audit Reports for the client.

Name of Project: **Installation of a Sodium Hypochlorite (NaOCL) Bleach Plant, Cato Ridge, KwaZulu-Natal (South Africa)**

Client: NCP Chlorchem (Pty) Ltd

Project duration/date: December 2008 – January 2010

Job Title and Duties: Environmental Control Officer
Auditing compliance with an Environmental Management Plan for the construction phase of development, and producing monthly Audit Reports for the competent authority (DAEA).

Name of Project: Willowfountain Stream Rehabilitation Works , Pietermaritzburg, KwaZulu-Natal (South Africa)

Client: Msunduzi Local Municipality

Project duration/date: March 2009 – Present

Job Title and Duties: Environmental Control Officer
Preparation of a construction phase Environmental Management and Rehabilitation Plan and auditing compliance during rehabilitation works. Preparation of monthly Audit Reports for the competent authorities (DAEA and the Department of Water Affairs and Forestry).

Name of Project: Wembezi Highway Interchange, Estcourt, KwaZulu-Natal (South Africa)

Client: Stedone for SANRAL

Project duration/date: September 2009 – June 2010

Job Title and Duties: Environmental Control Officer
Monthly auditing of compliance during construction works. Preparation of quarterly Audit Reports for the competent authority (DEAT).

Name of Project: Ohlanga Pump station and Rising Main, eThekwini, KwaZulu-Natal (South Africa)

Client: Aurecon Group for eThekwini Municipality

Project duration/date: September 2009 – May 2012

Job Title and Duties: Environmental Control Officer
Bi monthly auditing of compliance during construction works. Preparation of quarterly Audit Reports for the competent authority (DAEARD).

Name of Project: Moss Kolnick Interchange Upgrade, eThekwini, KwaZulu-Natal (South Africa)

Client: SSI Engineers and Environmental Consultants for SANRAL

Project duration/date: March 2010 – May 2012

Job Title and Duties: Environmental Control Officer
Monthly auditing of compliance during construction works. Preparation of monthly Audit Reports for the competent authority (DAEARD).

Name of Project: Freightpak Warehouse Expansion, eThekwini, KwaZulu-Natal (South Africa)

Client: Freightpak (Pty) Ltd

Project duration/date: February 2011 – May 2012

Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (DAEARD).

Name of Project: KwaMashu Waste Water Treatment Works Incinerator, eThekwini, KwaZulu-Natal (South Africa)

Client: Coal and Waste Utilisation (Pty) Ltd for eThekwini Water and Sanitation

Project duration/date: March 2011

Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the facility, undertaking of a once off site and process audit of the operational phase of the Incinerator

Plant.

Name of Project: **Bulk Connections Island View Coal Terminal, eThekweni, KwaZulu-Natal (South Africa)**

Client: Bulk Connections (Pty) Ltd

Project duration/date: March 2011 – October 2011

Job Title and Duties: Environmental Control Officer

Preparation of a construction phase Environmental Management and Rehabilitation Plan and auditing compliance during construction works. Preparation of monthly Audit Reports for the client.

Name of Project: **Bulk Service Installation for the Gates at Hilton Residential Development, Hilton, KwaZulu-Natal (South Africa)**

Client: Gwens Stream Estate (Pty) Ltd for Hilton College School

Project duration/date: June 2012 – March 2013

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **P368 Road Upgrade, Muden, KwaZulu-Natal (South Africa)**

Client: Royal HaskoningDHV for DoT

Project duration/date: June 2012 – Present

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **Construction for the Qudeni Link Road, Qudeni, KwaZulu-Natal (South Africa)**

Client: Royal HaskoningDHV for DoT

Project duration/date: June 2012 – Present

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **Upgrading of the Nsuzze River Bridge, Qudeni, KwaZulu-Natal (South Africa)**

Client: Royal HaskoningDHV for DoT

Project duration/date: June 2013 – Present

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of bi-weekly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **Ndumo Access Road Upgrade, Josini, KwaZulu-Natal (South Africa)**

Client: Royal HaskoningDHV for DoT

Project duration/date: June 2012 – Present

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **Bulk Service Installation for the Gates at Hilton Residential Development Phase 2, Hilton, KwaZulu-Natal (South Africa)**
Client: Gwens Stream Estate (Pty) Ltd for Hilton College School
Project duration/date: June 2015 – May 2016
Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **Construction of Hilton Life Hospital, Hilton, KwaZulu-Natal (South Africa)**
Client: A3 Architects (Pty) Ltd for Life Hospitals
Project duration/date: September 2015 – May 2016
Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

Name of Project: **Construction of Hilton Health Doctors Suites, Hilton, KwaZulu-Natal (South Africa)**
Client: Never Ending Trust (Pty) Ltd
Project duration/date: September 2015 – May 2016
Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

Name of Project: **Mthandeni Agricultural Irrigation Project, Stanger, Ilembe District Municipality, KwaZulu-Natal (South Africa)**
Client: East Coast Irrigation (Pty) Ltd
Project duration/date: October 2015 – Present
Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

Name of Project: **Construction of the Emberton Residential Estate, Gillits, eThekweni Municipality, KwaZulu-Natal (South Africa)**
Client: Business Venture Investments (Pty) Ltd
Project duration/date: February 2016 – Present
Job Title and Duties: Environmental Control Officer
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA) and eThekweni Municipality

SCOPING & FULL EIA APPLICATIONS

Name of Project: **Emberton Estate, Gillits, KwaZulu-Natal (South Africa)**
Project duration/date: June 2008 – January 2011
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, Environmental Impact Report and Environmental Management Plan.

Name of Project: Blackhurst Manor Residential Development, Midmar, KwaZulu-Natal (South Africa)

Client: Bruce Peattie, Blackhurst Manor Estate (Pty) Ltd

Project duration/date: January 2009 – October 2012

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping and Environmental Impact Report and Environmental Management Plan.

Name of Project: Kingussie Land Cultivation Application, Nottingham Road, KwaZulu-Natal (South Africa)

Client: Turner Farming (Pty) Ltd

Project duration/date: March 2009 – January 2010

Job Title and Duties: Environmental Assessment Practitioner and GIS Specialist

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping and Environmental Impact Report and Environmental Management Plan.

Name of Project: N3 Key Ridge Viaduct Bypass, eThekweni Municipality, KwaZulu-Natal (South Africa)

Client: SANRAL

Project duration/date: December 2012 - Present

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, full Environmental Impact Report and Environmental Management Plan.

Name of Project: Langeberg / Bayhead New Arterial Road from Back of Port to N2 , eThekweni Municipality, KwaZulu-Natal (South Africa)

Client: EThekweni Transport Authority

Project duration/date: January 2014 - Present

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, full Environmental Impact Report and Environmental Management Plan.

Name of Project: Ladysmith N3 Bypass, uThukela District Municipality, KwaZulu-Natal (South Africa)

Client: SANRAL

Project duration/date: February 2016 - Present

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, full Environmental Impact Report and Environmental Management Plan.

BASIC ASSESSMENT APPLICATIONS

Name of Project: Msenga Office Park, Gillitts, KwaZulu-Natal (South Africa)

Client: Msenga Developments Pty (Ltd)

Project duration/date: January 2008 – August 2008

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including extensive site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of Basic Assessment Report and Environmental Management Plan.

Name of Project: **Hamilton Office Park, Gillitts, KwaZulu-Natal (South Africa)**

Client: Whiteoaks Trading Pty (Ltd)

Project duration/date: January 2008 – February 2009

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including extensive site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of Basic Assessment Report and Environmental Management Plan.

Name of Project: **Macambini Water Pipeline Project, Tugela Valley, KwaZulu-Natal (South Africa)**

Client: Goba Consulting Engineers (Pty) Ltd

Project duration/date: January 2008 – September 2008

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including extensive site investigations using GPS and liaison with specialists.

Name of Project: **Zuiwergoud Cultivation Project, Nottingham Road, KwaZulu-Natal (South Africa)**

Client: J.J. van de Velde

Project duration/date: December 2007 – March 2009

Job Title and Duties: Environmental Assessment Practitioner and GIS Specialist
Undertaking of the EIA process, including extensive site investigations, public participation, liaison with specialists, the preparation of locality maps, layout plans, preparation of Background Information Documents, the preparation of Basic Assessment Report and Environmental Management Plan.

Name of Project: **Umlazi Urban Framework Development Plan Upgrade, eThekweni Metropolitan Municipality, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality Strategic Projects Department

Project duration/date: November 2008 – June 2009

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Amber Valley Retirement Village Extension, Howick, KwaZulu-Natal (South Africa)**

Client: Howick Retirement Villages (Pty) Ltd

Project duration/date: December 2008 – February 2009

Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Willowfountain Stream Rehabilitation Works, Pietermaritzburg, KwaZulu-Natal (South Africa)**

Client: Msunduzi Local Municipality

Project duration/date: March 2009 – April 2009
Job Title and Duties: Environmental Control Officer
Preparation of a construction phase Environmental Management and Rehabilitation Plan and auditing compliance during rehabilitation works.
Preparation of monthly Audit Reports for the competent authorities (DAEA and the Department of Water Affairs and Forestry).

Name of Project: Ndumo Road Upgrade, Jozini Local Municipality

Client: SSI Engineers
Project duration/date: July 2009 – July 2010
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Burger Street Upgrade and Extension, Pietermaritzburg, KwaZulu-Natal (South Africa)

Client: Msunduzi Local Municipality
Project duration/date: October 2009 – January 2011
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Ballito Interchange Upgrade, Ballito, KwaZulu-Natal (South Africa)

Client: Vela VKE Engineers on behalf of the South African National Roads Agency Limited (SANRAL)
Project duration/date: December 2009 – January 2011
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: N2 Flood Protection Works, Riverhorse Valley EThekweni Metro, KwaZulu-Natal (South Africa)

Client: UWP Consulting Engineers on behalf of the South African National Roads Agency Limited (SANRAL)
Project duration/date: December 2009
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Willowfontain Gravel Road Upgrade, Edendale, KwaZulu-Natal (South Africa)

Client: Msunduzi Local Municipality
Project duration/date: December 2009 – March 2011
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **N11 Interchange Upgrade, Ladysmith, KwaZulu-Natal (South Africa)**
Client: SSI Engineers and Environmental Consultants on behalf of the South African National Roads Agency Limited (SANRAL)
Project duration/date: January 2010 – March 2011
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Amber Ridge Residential Estate, Howick, KwaZulu-Natal (South Africa)**
Client: Dr Vaughn Armstrong
Project duration/date: December 2010 – March 2011
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Umlaas Road Warehousing, Camperdown KwaZulu-Natal (South Africa)**
Client: Collins Property Group
Project duration/date: January 2012 – May 2012
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a draft Basic Assessment Report and Environmental Management Plan.

Name of Project: **Makhabeleni Bulk Water Supply Project, uMzinyathi District Municipality KwaZulu-Natal (South Africa)**
Client: MSW Consulting Engineers
Project duration/date: January 2012 – May 2012
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Sundumbili Bulk Water Supply Project, Mandeni Local Municipality, KwaZulu-Natal (South Africa)**
Client: SSI Engineers and Environmental Consultants
Project duration/date: January 2012 – May 2012
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Umgeni Tented Camp, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**
Client: Hi Zone
Project duration/date: July 2012 – January 2013
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Management Plan.

Name of Project: **Spioenkop-Ladysmith Regional Bulk Water Supply, uThukela District Municipality, KwaZulu-Natal (South Africa)**

Client: WMN Consultancy (Pty) Ltd

Project duration/date: September 2012 – January 2016

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Hlabisa Rural Road Upgrade, Hlabisa Local Municipality, KwaZulu-Natal (South Africa)**

Client: Mzansi Africa Civils

Project duration/date: September 2012 – January 2014

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Ashdown Stream Bank Rehabilitation, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Msunduzi Municipality

Project duration/date: January 2014 – January 2016

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Stockowners Business Park Water and Sewage Supply Basic Assessment Application, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: ET Properties

Project duration/date: January 2014 - Present

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Ndumo Project 3 Road Upgrade from Ndumo to Ekuhleleni (D1841, D1842, D1884), uMkhanyakude District Municipality, KwaZulu-Natal (South Africa)**

Client: Department of Transport

Project duration/date: March 2014 - Present

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: **Woodhouse Road Pedestrian Bridge, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Msunduzi Municipality
Project duration/date: May 2014 - Present
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Nsezi Road Upgrade Project Richards Bay, uMhlatuze Local Municipality, KwaZulu-Natal (South Africa)

Client: uMhlatuze Water
Project duration/date: March 2015 - Present
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Hilton Dairy Residential Development, Hilton, uMngeni Local Municipality, KwaZulu-Natal (South Africa)

Client: Gwens Stream Estate (Pty) Ltd
Project duration/date: November 2015 - Present
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Smozomeni Road Upgrade, Richmond, uMngeni Local Municipality, KwaZulu-Natal (South Africa)

Client: Richmond Municipality
Project duration/date: January 2016 - Present
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Fawnlees Sand Mining Application for City Sands, uMzinyathi District Municipality, Kwazulu-Natal (South Africa)

Client: City Sands (Pty) Ltd
Project duration/date: February 2016 – May 2016
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

Name of Project: Upgrades to the M13 Highway between Gillits and Westville, eThekweni Municipality, Kwazulu-Natal (South Africa)

Client: SMEC on behalf of the Department of Transport
Project duration/date: May 2016 - Present
Job Title and Duties: Environmental Assessment Practitioner
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

LANGUAGES

English : *Very Good*
Afrikaans : *Fair*