

CURRICULUM VITAE



MAGNUS VAN ROOYEN

NAME OF FIRM : TERRATEST (PTY) LTD
NAME OF PERSON : MAGNUS VAN ROOYEN
NATIONALITY : SOUTH AFRICAN
DATE OF BIRTH : 1976-09-04
CONTACT DETAILS : 084 249 2365
PROFESSION : ENVIRONMENTAL SCIENTIST
POSITION IN FIRM : EXECUTIVE ASSOCIATE
QUALIFICATION : BSc, BSc (Hons), MPhil. (Environmental Management)
SPECIALISATION IN : ENVIRONMENTAL IMPACT ASSESSMENTS, SCOPING REPORTS, PRELIMINARY ENVIRONMENTAL ASSESSMENT, MINING RIGHT AND PERMIT APPLICATIONS, ENVIRONMENTAL CONTROL OFFICER DUTIES; ENVIRONMENTAL MANAGEMENT PROGRAMMES, STRATEGIC ENVIRONMENTAL ASSESSMENTS, WILDLIFE MANAGEMENT PLANS, ENVIRONMENTAL EDUCATION PROGRAMS AND AGRICULTURAL DEVELOPMENT PLANS.

YEARS OF EXPERIENCE: 13
YEARS WITH FIRM : 10

QUALIFICATIONS

Mr van Rooyen is currently an Associate and the Regional Head of the Environmental Division of a National Consulting Engineering Firm in South Africa. He is located in Pietermaritzburg, KwaZulu-Natal.

In addition to holding a Masters degree in Environmental Management, he also holds a BSc degree in Botany and Zoology, an Honors Degree in Botany and a Post Graduate Certificate in Education. He has 13 years experience in projects involving Environmental Impact Assessments in various developmental sectors (Mining and Agricultural Sector, National Roads, Pipelines, Dams, and Residential Developments), conducting of Specialist Biodiversity Assessments associated with Environmental Impact Assessments and Project Feasibility Studies. He has experience in the compilation of Resettlement Policy Framework Plans associated with infrastructure development projects. Mr van Rooyen has experience in working on various private and public sectors as well as rural and urban environments in various countries.

Mr van Rooyen's expertise lies within the mining sector where he has gained extensive exposure to all the aspects of mining projects from the pre-feasibility, prospecting, environmental impact assessment and implementation and monitoring stages. In addition he has conducted Due Diligence Assessments as well as Environmental Compliance Monitoring and Management of a variety of mining sites.

Education:

<i>Date (from – to):</i>	1995-1998
<i>Degree/Institution</i> :	BSc – Botany & Zoology (Stellenbosch University)
<i>Date (from – to):</i>	1999
<i>Degree/Institution</i> :	Special Student - Department of Agriculture (Stellenbosch University)
<i>Date (from – to):</i>	2001
<i>Degree/Institution</i> :	B.Sc Honnours – Botany (Stellenbosch University)
<i>Date (from – to):</i>	2002
<i>Degree/Institution</i> :	Post Graduate Diploma in Teaching (Stellenbosch University)
<i>Date (from – to)</i>	2003 - 2005
<i>Degree/Institution</i> :	Masters Degree in Environmental Management (Stellenbosch University)

Other Training: 2008 – 2009 Jeffares and Green Consulting Engineers and Environmental Consultants Accelerated Development Programme

Society Membership: International Association of Impact Assessors – South Africa Suite, membership number 1839

Language Skills:

<i>Language</i>	<i>reading</i>	<i>speaking</i>	<i>writing</i>
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent
German	Fair	Fair	Poor
Dutch	Fair	Fair	Poor
Zulu	Poor	Communication	Poor

Employment Record:

Date (from – to) **1999**

Location Witley Bay, Northumberland, United Kingdom

Employer Marden Bridge Middle School

Position(s) Physical Education Teacher

Description Physical Educator associated with the Marden Bridge Middle School Sport Centre.

Date (from – to) **2000**

Location Bradenton, Florida, USA

Employer Gene's Citrus Ranch

Position(s) Farm Manager

Description Management of the day to day operations of an export citrus farm operation.

Date (from – to) **2001 – 2002**

Location Stellenbosch, Western Cape, South Africa
Employer Paul Roos Gymnasium
Position(s) Biology Teacher
Description Teaching the South African Biology curriculum to high school pupils.

Date (from – to) **2002 – 2005**

Location Stellenbosch, Western Cape, South Africa
Employer Department of Botany and Zoology, Stellenbosch University
Position(s) Junior Lecturer in Botany
Description Lectured the Botany practical component of the first year Natural Science Degree.

Date (from – to) **2002 – 2005**

Location Stellenbosch, Western Cape, South Africa
Employer Department of Conservation Ecology, University of Stellenbosch
Position(s) Biodiversity Researcher
Description Conducted field work, sampling, laboratory work and logistics associated with two projects within the Conservation Ecology Department

Date (from – to) **2006 – 2007**

Location Pietermaritzburg, KwaZulu-Natal, South Africa
Employer Jeffares and Green Consulting Engineers and Environmental Consultants
Position(s) Environmental Scientist
Description Conducted a wide range of infrastructure related Environmental Impact Assessments.

Date (from – to) **2007 - present**

Location Pietermaritzburg, KwaZulu-Natal, South Africa
Employer Jeffares and Green Consulting Engineers and Environmental Consultants
Position(s) Project Manager, Senior Environmental Specialist
Description Project Management of an environmental contingent of 4 people and conducting Environmental Impact Assessments.

Recent Project Experience:

Port Related Projects

<i>Project Name</i>	<i>Description of Works</i>
Pier 1 Phase 2 expansion	Environmental Impact Assessment for proposed expansions to Pier 1 within the Durban Harbour.
Locomotive Turning Table in the Port of Richards Bay	Environmental Impact Assessment for proposed Locomotive Turn Table in within the Port of Richards Bay.
Rail line construction in	Environmental Impact Assessment for proposed additional rail line into the Richards Bay Coal Terminal in the Port of Richards Bay.

the Port of Richards Bay	
Environmental Monitoring – RME Projects Durban Harbour	Environmental Monitoring Duties for all the RME construction projects within the Durban harbour.
Ore Loading Facility at Kalia in Guinea	Environmental Impact Assessment for the proposed Ore Loading Facility in Kalia in Guinea, West Africa.

Roads Projects

<i>Project Name</i>	<i>Description of Works</i>
National Route N2 uMgeni Interchange improvements	Environmental Impact Assessment for proposed improvements to the uMgeni Road Interchange and the National Route N2. The project included an extensive public participation process with a range of public and private sector stakeholders.
National Route N11 upgrade	Environmental Impact Assessment for proposed upgrade of the National Route N11. The project included a public participation process with a range of public and private sector stakeholders as well as specialist studies associated with the river crossings.
National Route N2 improvement and upgrade	Environmental Impact Assessment for proposed upgrade of the National Route N2. The project included a public participation process with a range of public and private sector stakeholders as well as specialist studies associated with the river crossings.
National Route N3 Chota Motala Interchange Environmental Audits	Environmental Monitoring for the construction of the Chota Motala Interchange on the National Route N3.
National Route R30 Environmental Audits	Environmental Monitoring for the construction of the National Route R30.

Agricultural Projects

<i>Project Name</i>	<i>Description of Works</i>
uMngano Community Dairy Development Project	Environmental and Social Impact Assessment for the Development of a 200ha dairy for the uMngano Community in KwaZulu-Natal, South Africa.
uMngano Community Vegetable Project	Environmental and Social Impact Assessment for the Development of a 180ha vegetable growing project for the uMngano Community in KwaZulu-Natal, South Africa.
Sundays River Citrus Project	Environmental and Social Impact Assessment for the Development of a 100ha citrus project in the Sundays River Valley in the Eastern Cape, South Africa.

Water Projects

<i>Project Name</i>	<i>Description of Works</i>
Nacala Dam	Environmental and Social Impact Assessment for the Nacala Dam project in

project in Mozambique for the Millennium Challenge Corporation	Nacala, Mozambique. The study included the management of a range of specialist studies which included; biodiversity (fauna and flora) assessments, health impact assessments, social impact assessments, a hydrocensus, geotechnical investigation and an ecological flow requirement assessment. The project was conducted under the auspices of the Millennium Challenge Corporation.
Mpofana Bulk Water Supply Scheme	Environmental Impact Assessment for the Bulk Water Supply Scheme which included an extensive public facilitation process with affected landowners and other specialist studies.
KwaHlokoHloko Rural Water Supply Scheme	Environmental Impact Assessment for the Rural Water Supply Scheme which included an extensive public facilitation process with the rural landowners and tribal leaders.

Biodiversity Assessment Projects

<i>Project Name</i>	<i>Description of Works</i>
Nacala Dam Project	Riparian Vegetation Study for the Ecological Reserve Determination Specialist Study for the Environmental Impact Assessment for the Nacala Dam Project in Mozambique.
National Route N8	Vegetation Specialist Study for the Environmental Impact Assessment for the National Route N8.
National Route N2 uMgeni Interchange improvements	Environmental Impact Assessment for proposed improvements to the uMgeni Road Interchange and the National Route N2. The project included an extensive public participation process within the city of Durban, KwaZulu-Natal during the process.
Qudeni Link Road	Vegetation Specialist Study for the Environmental Impact Assessment for the Qudeni Rural Link Road.
Municipal Landfill Site Identification	Negative mapping and ground truthing for the options analysis for the identification of a District Municipality Landfill Site.

Conservation Management Plans

<i>Project Name</i>	<i>Description of Works</i>
Ndumo Game Reserve Management Plan	Compilation of the Management Plan for the KwaZulu-Natal Wildlife Ndumo Game Reserve in northern KwaZulu-Natal. The compilation was conducted in accordance to the National Environmental Management: Protected Areas Act (No 57 of 2003).

Mining Projects

<i>Project Name</i>	<i>Description of Works</i>
Uithoek Colliery for Miranda Mineral Holdings	Environmental Impact Assessment for the establishment of the Uithoek Colliery including the management of a range of specialist studies which included a hydrological and geohydrological assessment, a biodiversity assessment, a social and heritage assessment and a repatriation plan for residents on the site.
Burnside Colliery for Miranda Mineral Holdings	Environmental Impact Assessment for the establishment of the Burnside Colliery including the management of a range of specialist studies which included a hydrological and geohydrological assessment, a biodiversity assessment, a social and heritage assessment and a repatriation plan for residents on the site.
Ultimate Goal Colliery for	Environmental Impact Assessment for the establishment of the Ultimate Goal Colliery including the management of a range of specialist studies which included a hydrological and geohydrological assessment, a

Corobrik (Pty) Ltd	biodiversity assessment, a social and heritage assessment and a repatriation plan for residents on the site.
Klipwaal Gold Mine for Miranda Mineral Holdings	Environmental Due Diligence assessment on the Klipwaal Gold Mine which included an assessment of completed and required rehabilitation, a contaminated land liability assessment and an evaluation of the structure and the possible impact of the slurry dams.
Afrimat Quarries Compliance Audits	Compliance audits and Due Diligence assessments of the Afrimat Quarry operations in South Africa. These audits are conducted on a two yearly basis.

Private and Public Sector Development Projects

<i>Project Name</i>	<i>Description of Works</i>
Provincial Legislature Precinct	Environmental and Social Impact Assessment for the proposed Provincial Legislature Precinct. This study consisted of a large public facilitation component and extensive engagement with private and public sector stakeholders.
Camps Drift Canal Mixed Use Development	Environmental Impact Assessment for proposed improvements to the uMgeni Road Interchange and the National Route N2. The project included an extensive public participation process within the city of Durban, KwaZulu-Natal during the process.
Tiger Lodge Development	Environmental Impact Assessment for the proposed Tiger Lodge Tourism Development.
Paradise Lodge Development	Environmental Impact Assessment for the proposed Paradise Lodge Tourism Development.

A full list of projects managed and studies conducted as well as contact details of references can be supplied on request.

CURRICULUM VITAE



LIZ DRALLE

NAME OF FIRM : *TERRATEST (PTY) LTD*

NAME OF PERSON : *LIZ DRALLE*

NATIONALITY : *SOUTH AFRICAN*

DATE OF BIRTH : *1981/07/02*

PROFESSION : *ENVIRONMENTAL ASSESSMENT PRACTITIONER*

QUALIFICATION : *BSc. HONS (ENVIRONMENTAL MANAGEMENT)*

POSITION IN FIRM : *ENVIRONMENTAL SCIENTIST*

SPECIALISATION IN FIRM : *BASIC AND FULL ENVIRONMENTAL IMPACT ASSESSMENTS, ENVIRONMENTAL MANAGEMENT PROGRAMMES, COMPLIANCE MONITORING, MINING PERMITS, ENVIRONMENTAL SCREENING ASSESSMENTS*

YEARS OF EXPERIENCE : *10 YEARS*

YEARS WITH FIRM : *2 YEARS*

SUMMARY OF EXPERIENCE

Liz Dralle graduated from the University of KwaZulu-Natal, Pietermaritzburg, with a BSc. Honours (*cum laude*) degree in Environmental Management. The focus of her studies included Geographical Information Systems (GIS), Environmental Impact Assessments (EIA), Geomorphology, Coastal Geomorphology, Biogeography, Natural Resource Management, Sustainable Land Use, Climate Change and City Planning. Her Honours dissertation project involved an investigation into the possible benefits of Vetiver Grass as a soil erosion control medium.

On completion of her degree, Liz was employed by Afzelia Environmental Consultants cc. in the capacity of Environmental Consultant, specializing in agricultural and linear Basic Assessments. She was based in Nottingham Road, KZN Midlands. After one year at Afzelia Environmental Consultants, Liz moved to Durban, where was employed in the capacity of Environmental Scientist with SRK Consulting (Pty) Ltd. At SRK Consulting (Pty) Ltd, Liz was involved in a multitude of Environmental Impact Assessments (EIAs), focusing mainly on Industrial EIAs. Liz was also involved in several Equator Principle projects and also undertook the role as Environmental Control Officer (ECO) for several monitoring projects.

In 2010, Liz was approached by Environmental Impact Management Services (Pty) Ltd, to act as full time ECO for the Transnet New Multi-Purpose Pipeline (NMPP) Project, running from the Port of Durban to Johannesburg. Liz's role was to undertake daily Environmental Site Audits of her designated area, which started from Ashburton, just outside of Pietermaritzburg, to the Tugela River crossing on the N3. In total, a length of 151km. Further responsibilities included borrow pit identification, Public Participation in the form of monthly Community Liaison Forums, one-to-one interaction with affected landowners, as well as designated Land Liaison Officers. Contractor interaction was required on a daily basis, as well as Specialist interaction, specific to the rehabilitation of wetlands, post construction.

After a year on the NMPP Project, Liz joined JEC Environmental Services cc in the capacity of Environmental Consultant. Here Liz undertook several EIAs, focusing mainly on the agricultural sector

in the form of piggery and cultivation of virgin land applications, as well as biogas installations. Liz also undertook several Waste Licence Applications and Mining Permit Applications. In May 2014, Liz joined Terratest (Pty) Ltd in the position of Environmental Scientist.

Liz is an IEMA certified Environmental Auditor. She also prescribes to the International Association for Impact Assessment South Africa (IAIASa) code of conduct and has been a member since 2007. She has also served on the KZN IAIAsa branch committee.

SOCIETY MEMBERSHIP

IAIASa International Association of Impact Assessors South Africa (Membership No. 2154).

EDUCATION

1999 : **Matric Exemption** – Pietermaritzburg Girls' High School
2000 : **Diploma in Business Computing** – Varsity College, Pietermaritzburg
2005 : **BSc (Environmental Management)** – University of KwaZulu-Natal
2006 : **BSc Hons (Environmental Management)** *Cum laude* - University of KwaZulu-Natal

APPOINTMENTS

2006 – 2007 : Afzelia Environmental Consultants cc
2007 – 2010 : SRK Consulting South Africa (Pty) Ltd
2010 – 2011 : Environmental Impact Management Services (Pty) Ltd
2011 – 2014 : JEC Environmental Services cc
2014 – current : Terratest (Pty) Ltd

SPECIFIC CONSULTING EXPERIENCE:

Environmental (Basic Assessments & Full EIA and Scoping)

- Proposed development of Pier 1, Phase 2, Salisbury Island Infill, Port of Durban, EThekweni Metropolitan KwaZulu-Natal – Transnet SOC;
- Proposed relocation of assets on Salisbury Island, Port of Durban, EThekweni Metropolitan, KwaZulu-Natal – Transnet SOC;
- Proposed development of a Slimes Handlines and Bulk Water Storage Facility at Mamatwan Mine, near Hotazel, Northern Cape – South32 Hotazel Manganese Mines;
- Proposed construction of the Lombardskop Pipeline, Ladysmith, KwaZulu-Natal – WNM Consulting;
- Proposed construction of the Ideal Shavings Poultry Breeders Facility, Dargle, Umngeni Local Municipality, KwaZulu-Natal Midlands – Ideal Shavings;
- Proposed construction of three footpaths, Ward 53: Zimbabwe Community, Amaoti area, KwaMashu, EThekweni Municipality, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd;
- Proposed construction of the Woodhouse Road pedestrian bridge, Scottsville, Pietermaritzburg – Henwood & Nxumalo (Pty) Ltd;
- Proposed upgrade of the Ndumo Ring Road, Ndumo, Northern KZN – RHDHV (Pty) Ltd.;
- Proposed construction of the Ladysmith Ring Road, KwaZulu-Natal – SANRAL;
- Proposed transformation of agricultural land on 92 subdivisions, Mount Verde, Hilton, uMngeni Local Municipality, KwaZulu-Natal – Mt. Verde Estate;
- Proposed Residential Development on the Old Dairy Site, Hilton College, Hilton, UMngeni Municipality, Umngeni Local Municipality, KwaZulu-Natal – Hilton College;
- Amendment to the proposed Greater Mpofana Bulk Water Supply Scheme, UMgungundlovu District Municipality: Realignment of a portion of the authorised pipeline – Umngeni Water;

- Proposed construction of a 160 sow piggery on Erf 189, Weenen – Agribusiness Development Agency;
- Proposed Relocation of Existing Wood Pole Turning and CCA Treatment Plant from Schroeders to Cramond, Umshwathi Municipality – F.A.R. Timbers cc;
- Merrivale Compost Waste Management Licence - Nutrex Earth Matters;
- Proposed clearance of 40 hectares of indigenous grassland ('veld') for cultivation, KwaSani Local Municipality, KwaZulu-Natal - Flemmington Farming;
- Proposed clearance of 35 hectares of indigenous grassland ('veld') for the cultivation of annual crops such as radishes and maize, KwaSani Local Municipality, KwaZulu-Natal - Clowes Farming;
- Proposed construction of a new Water Reservoir and Water Eeticulation infrastructure, Thendele Community, Mpfana Local Municipality, KwaZulu-Natal – Jeffares & Green (Pty) Ltd.;
- Proposed establishment of an Effluent Treatment Plant, 14 Oldfield Road, Mkondeni, Msunduzi Local Municipality, Umgungundlovu District Municipality - Ramsay Engineering (Pty) Ltd;
- Proposed construction of the Acaciavale – eZakheni Link Road, Ladysmith, Emnambithi Municipality - EVN Africa Consulting Services (Pty) Ltd;
- Proposed construction of a Biogas Facility at Baynesfield Estate Piggery, Richmond Municipality - Joseph Baynes Estate;
- Proposed Expansion of Piggery Operations on Portion 21 Hardig and Rem of Farm Rhenosterpoort 455, Modimolle Municipality, Waterberg District, Limpopo Province - Greyling Vark Bordery (Pty) Ltd;
- Proposed incorporation of Flyash into NPC-Cimpor products, Newcastle, KwaZulu-Natal - Natal Portland Cement (Pty) Ltd;
- Proposed Construction and Operation of a Second Cement Mill at NPC – Cimpor, Simuma Facility, near Port Shepstone, KwaZulu-Natal - Natal Portland Cement (Pty) Ltd;
- Proposed Storage and Utilisation of Alternative Fuels and Resources at Natal Portland Cement's Simuma Facility, Port Shepstone, KwaZulu-Natal - Natal Portland Cement (Pty) Ltd;
- Proposed establishment of a flood attenuation facility in the Palmiet River catchment, Padfield Park, Pinetown, KwaZulu-Natal - EThekweni Municipality;
- Construction and Operation of a Calciner at Foskor and a Rapidwall Plant at ERF1906, Alton, Richards Bay, KwaZulu-Natal - Foskor Limited;
- Environmental Management Plan for the Mondi Odour Abatement project – Mondi;
- Proposed Installation of Underground Storage Tanks at the Car Rental Facilities at the King Shaka Airport, La Mercy, KwaZulu-Natal – Natural Resources Institute;
- Proposed Decommissioning of MSMA Plant, Dow AgroSciences, Verulam - Dow Chemicals;
- Proposed Installation of the SEA Cable System, KwaZulu-Natal North Coast, South Africa - SEACOM / NEOTEL;
- Proposed Installation of an Underground Storage Tank for "Non-Aromatic" White Spirits, Pinetown, KwaZulu-Natal - Sara Lee (Pty) Ltd;
- Proposed Construction of the Wembezi Interchange at National Route 3 and Main Road 29, Wembezi / Estcourt, KwaZulu-Natal – Jeffares & Green (Pty) Ltd;
- Proposed "Baronberg Estate" on the Farm Blair Atholl No. 15735, Mooi Mpfana Municipality, KwaZulu-Natal - Baronberg cc;
- Proposed Cleopatra Extension – Cleopatra;
- Proposed construction of Chicken Houses on Hanbury Farms (Pty) Ltd, Farm No 4, Ashley Grange, D174, Merrivale / Mpophomeni, KwaZulu-Natal - Hanbury Chickens;
- Proposed eSikheshini community access road upgrade, Ingwe Local Municipality, Sisonke District Municipality, KwaZulu-Natal - Ingwe Local Municipality;
- Proposed "Hillside" development on the Remainder of Portion 99 m(of 25) of the Farm Gowrie No. 1930, Nottingham Road, uMngeni Local Municipality, KwaZulu-Natal – Rawdons Country Estate;
- Proposed development of a water pipeline from Sundumbili reticulation reservoir A to Mandeni Bulk Gravity Main and on to Rocky Ridge Reservoir; including an additional pipeline to the Tugela Water Treatment Works, Mandeni, Ilembe Municipality, KwaZulu-Natal – SSI (Pty) Ltd;

- Proposed Resort and Spa Development on the North Bank of the Thukela Mouth, Portion 1 of Ayinkindaba No. 11678, Portion 5 of 3 of Ayinkindaba No. 11678, and Portion 2 and 3 of Reserve No. 7A No. 15826. Mandeni Local Municipality, KwaZulu-Natal;
- Proposed “Tugela Tides” resort on the North Bank of the Thukela Mouth, on remainder of portion 3 of Ayinkindaba No 11678, and portion 4 of 3 of the farm Ayinkindaba No 15826. Mandeni Local Municipality, KwaZulu-Natal;
- Proposed upgrading of the Umzimkhulu pedestrian bridge, Sisonke District Municipality, KwaZulu-Natal;
- Proposed development of a poultry enterprise on the Remainder of Wilde Perde Vlei no. 1004, Winterton, uThukela Municipality, KwaZulu-Natal.

Waste Management Licence Applications

- Proposed development of a Midlands Biogas and Fertiliser Plant, uMshwathi Local Municipality, KwaZulu-Natal – Midlands Biogas and Fertiliser;
- Proposed decommissioning of the Goswell Developments Landfill Site, Cato Ridge, EThekweni Municipality, KwaZulu-Natal – Goswell Developments;
- Proposed Waste Management Licence for Tongaat Hulett’s Amatikulu Mill, KwaZulu-Natal - Tongaat Hulett’s Ltd;
- Proposed construction of a 160 sow piggery on Erf 189, Weenen – Agribusiness Development Agency;
- Proposed construction of a Biogas Facility at Baynesfield Estate Piggery, Richmond Municipality - Joseph Baynes Estate;
- Waste Management License application for the existing Mfolozi Waste Transfer Station in KwaMbonambi, Mfolozi (previously Mbonambi) Local Municipality, northern KwaZulu-Natal - Mfolozi Local Municipality;
- Proposed Expansion of Piggery Operations on Portion 21 Hardig and Rem of Farm Rhenosterpoort 455, Modimolle Municipality, Waterberg District, Limpopo Province - Greyling Vark Bordery (Pty) Ltd.

Environmental Auditing

- Environmental Audit for the construction of the Eteza Interchange – Worsley Parsons (Pty) Ltd;
- Environmental Audit for the upgrade and construction of Bhekuzulu/Epangweni Community Water Supply Scheme, Kwazulu-Natal – Sukuma (Pty) Ltd;
- Daily Environmental Control Officer duties for the construction and installation of the New Multi-Purpose Pipeline (NMPP) – Transet Limited;
- Post-construction auditing of the various cable stations constructed for the use of the SEACOM telecommunications cable, as well as a vessel audit of the Tyco Cable Laying Vessel of the SEA Cable System - SEACOM / NEOTEL;
- Environmental Compliance Audit for the Installation of Aboveground Storage Tanks – ABI (Pty) Ltd;
- Environmental Due Diligence Assessment for the Belgie Breeder Facility located near Bloemfontein, Free State – Sovereign Foods (Pty) Ltd;
- Environmental Due Diligence Assessment for the Belgie Hatchery Facility located near Bloemfontein, Free State – Sovereign Foods (Pty) Ltd;
- Environmental Due Diligence Assessment for the Botshabelo Abattoir and Rendering Plant located near Bloemfontein, Free State – Sovereign Foods (Pty) Ltd;
- Environmental Due Diligence Assessment for the Kelly’s View Breeder Facility located near Bloemfontein, Free State – Sovereign Foods (Pty) Ltd;
- Environmental Due Diligence Assessment for the Nutri-feeds Mill located near Bloemfontein, Free State – Sovereign Foods (Pty) Ltd.

Environmental Screening

- Proposed construction of a house and associated infrastructure on Portion 33, Mt. Verde Estate, Umngeni Local Municipality, KwaZulu-Natal – Mr I. Bromage;
- Site Assessment on Portion 405/885 of the Farms Vaalkop and Dadelfontein No. 885, for the proposed development of a Light Industrial Park, Umlaas Road, KwaZulu-Natal - AquaTrans;
- Environmental Screening Assessment for the proposed upgrading of footpaths and roads, Ward 59: Moscow, EThekwini Metropolitan, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd.;
- Environmental Screening Assessment for the proposed upgrading of footpaths and roads, Ward 60: Ivy Close, EThekwini Metropolitan, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd.;
- Environmental Screening Assessment for the proposed upgrading of footpaths and roads, Ward 62: Jan Roz, EThekwini Metropolitan, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd.;
- Environmental Screening Assessment for the proposed upgrading of footpaths and roads, Ward 58: Lungelani, La Mercy, EThekwini Metropolitan, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd.;
- Environmental Screening Assessment for the proposed upgrading of footpaths and roads, Ward 61: Ndliyomlilo, Tongaat, EThekwini Metropolitan, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd.

Mining

- Proposed River Sand Mining on Remainder of Portion 1 of the Farm Lot 14A of No. 2264, KwaZulu-Natal – Mrs. B. Naicker;
- Proposed Sand Mining on the Banks on the Tugela River, on Remainder of Portion 2 and Remainder of Portion 3 of the Farm Wan Hoop No. 1278, Okhahlamba Local Municipality, Kwazulu-Natal - Madinka 76 cc;
- Environmental Management Plan for Kulucrete Mining, Quarry – Kulucrete Mining;
- Prospecting Right for Midmar Crushers, Remainder of Lot 51 No. 1794, UMGungundlovu District Municipality – Midmar Crushers cc.

LANGUAGES

English : Excellent
Afrikaans : Fair

CURRICULUM VITAE



TARIN KIRSTEN STRYDOM

NAME OF FIRM : *TERRATEST (PTY) LTD*

NAME OF PERSON : *TARIN STRYDOM*

NATIONALITY : *SOUTH AFRICAN*

DATE OF BIRTH : *1986/10/16*

PROFESSION : *SOCIAL SCIENTIST*

QUALIFICATION : *BSocSc (Geog & Env Mngmt)*

POSITION IN FIRM : *ENVIRONMENTAL CONSULTANT*

SPECIALISATION IN : *SOCIAL SCIENTIST*

YEARS OF EXPERIENCE : *6.5 YEARS*

YEARS WITH FIRM : *6 YEARS*

SUMMARY OF EXPERIENCE

Tarin is a graduate in Geography and Environmental Management from the University of KwaZulu-Natal, Tarin completed Undergraduate Training as a Student Assistant with ARCUS GIBB, and worked as a Project Assistant for Alan Hansen and Durban University of Technology. She started with Terratest Durban office in April 2010 as a Student Assistant and became permanently employed at Terratest as an Environmental Consultant in November 2010 and was transferred to the Hilton office in March 2011. Tarin has been involved in environmental impact assessments (EIA's), basic assessment reports (BAR's), environmental management programme reports (EMPr), social statements, environmental control officer (ECO) and S24 G projects. Working as a Project Assistant and Project Leader for several projects listed below.

PROFFECIONAL AFFILIATIONS

IAIAsa

EDUCATION

2004 : **Matric** – Durban Girls High School, Durban.
2009 : **BSocSc** (Geog and Env Management) University of Kwa-Zulu Natal

SPECIFIC EXPERIENCE**Terratest (Pty) Ltd**

- 2010 – Date** :
- : Hilton Dairy Residential, Basic Assessment, client Iain McMillan.
 - : Gromor, Basic Assessment, client Warren Geysler.
 - : City Sand Suppliers Mining Permit, client K. Sarupen.
 - : Amaoti Roads Upgrade, Basic Assessment, client Nankhoo Engineers (Pty) Ltd, Nerita Maharaj.
 - : Honeydew, Operational EMPr, client Honeydew Dairies, Mike Fischer.
 - : Ufafa Bulk Water Supply Scheme, Basic Assessment, client Nathoo Mbenyane Engineers, Kevin Naidoo.
 - : Honeydew, S24G Process, client Honeydew Dairies, Mike Fischer.
 - : Nelson Mandela Capture Site, ECO, client Msunduzi Municipality under Escogweni Engineers, Simphiwe Zwane.
 - : D2069 Road Upgrade, Basic Assessment, client Madan Singh and Associates, Ridwaan Ghany.
 - : D2069 Road Upgrade, ECO, client Madan Singh and Associates, Ridwaan Ghany.
 - : Richards Bay Locomotive Turnaround, Basic Assessment, client Transnet, Johannes Bouwer.
 - : Bay of Plenty Pier, Basic Assessment, client eThekweni Municipality, Stefano Corbella.
 - : Sivananda Residential Development, Basic Assessment, client Peter Jewell.
 - : Wildlands Conservation Trust, Waste Licence Application, client Wildlands Conservation Trust, Urvashi Haridass.
 - : Imbabazane Animal Pound, Basic Assessment, client Imbabazane Local Municipality, Cymphiwe Sikhakane.
 - : Wilson's Cutting, Basic Assessment, client BKS, Lukas Raath.
 - : Mooi River Weigh Bridge EMPr, client UWP House, Ron Isaac.
 - : N2 Isipingo to Edwin Swales, Basic Assessment, client Vela VKE, Dawie Erasmus.
 - : Cato Ridge Iron Foundry, Social Statement, client DAS Steel, Suresh Mirchandani.
 - : UCOSP Quarry, EMPr and Audit, client Umfolozi Co-Operative Sugar Planters, Selva Ramsamy.
 - : Mathondwane-Zaaifontein, Basic Assessment, client Eskom, Sifiso Ntombela.
 - : Transnet R Berth, Basic Assessment, client Transnet, Vishern Beakam.
 - : Harrison Flats, Basic Assessment, client Eskom, Sindisiwe Ncwane.
 - : Randles Road ECO, client EtheKwini Municipality: Electricity and Architecture, Ramesh Bhoola.
 - : KwaNovuka Water Supply Scheme, Basic Assessment Report, client Aurecon, Essop Gogga.
 - : KwaNovuka Water Supply Scheme, ECO, client Aurecon, Essop Gogga.
 - : Umzimkhulu CBD Roads, Basic Assessment, client Umzimkhulu Local Municipality.
 - : Mtwalume Mining Permit, Environmental Management Plan, client A. S. Bux
 - : Ebony Drive, Basic Assessment, client Nokulunga Hedder.
 - : Trelawney, Environmental Control Officers, client Eskom, Sindisiwe Ncwane.
 - : Mhlatuze River Catchment Compulsory Water Use Licensing, Public Participation, client Department of Water Affairs.
 - : Harrison Flats, Environmental Impact Assessment, client Eskom, Sindisiwe Ncwane.
 - : Mporofana Bulk Water Pipeline, Environmental Impact Assessment, client Umgeni Water.

- : Mandeni Cemetery Establishment, Basic Assessment, client Mandeni Municipality, Robin Sewdular.
- : Lot 401, Basic Assessment Report, Environmental Management Plan, client Transnet Capital Projects, Mirriam Hafajee.
- : Deccan Road Stream Canalisation Alien Invasive Programme, Environmental Management Plan, client Terratest Hilton.
- : University KZN Security Fencing, Environmental Assessment and Sensitivity, UKZN, Mary Tierney.
- : Rega Place, Basic Assessment, client Ethekwini Municipality, Len Jarrett.
- : Mkhalwane Gravel Road, Basic Assessment, client Olwe Africa Projects.
- : Luxmi Road, Basic Assessment, client Ethekwini Municipality: Roads and Infrastructure, Brian Cadle.

WORK EXPERIENCE

Durban University of Technology

- 2009 - 2010** :
- Sustainable Development Hub Establishment, Durban University of Technology, Alan Hansen.
 - Kingsburgh Housing Development, Basic Assessment, Alan Hansen.

Arcus Gibb

- 2008** :
- Undergraduate training with assisting with the following projects:
 - Mandeni Integrated Waste Management System.
 - Richards Bay Minerals, Environmental Impact Assessment.
 - Island View Pipe Rack Expansion Environmental Impact Assessment.
 - Sani Pass Phase 2 Upgrade, Environmental Impact Assessment.
 - Port Harcourt (Nigeria) Infrastructure Project.

LANGUAGES

- English** : *Very Good*
Afrikaans : *Very Good*