

**APPENDIX 1 – ENVIRONMENTAL ASSESSMENT PRACTITIONER CV's**

**(i) Liz Dralle**

# CURRICULUM VITAE



LIZ DRALLE

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**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** : *ENVIRONMENTAL IMPACT ASSESSMENT*

**YEARS OF EXPERIENCE** : *09 YEARS*

**YEARS WITH FIRM** : *1 YEAR*

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## **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. The most high profile of which was the EIA involved in landing the SEACOM/NEOTEL Telecommunications Cable at Mtunzini, KZN North Coast. 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 Right and Mining Permit Applications. Liz has been employed by Terratest (Pty) Ltd since May 2014 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 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 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;
- Amendment to the proposed Greater Mpofana Bulk Water Supply Scheme, UMgungundlovu District Municipality: Realignment of a portion of the authorised pipeline – Umgeni Water;
- Proposed construction of a 160 sow piggery on Erf 189, Weenen – Agribusiness Development Agency;
- Proposed Tourism Development on the Farm Allendale, Umngeni Local Municipality, Umgungundlovu District Municipality, KwaZulu-Natal – Mr F. Reardon;
- Proposed Mixed Use Development on Cranburn Farm, Mandeni Municipality, iLembe District, KwaZulu-Natal – Dr Peter Arlington;
- 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 Reticulation infrastructure, Thendele Community, Mpofana 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 Construction of Housing at Mpola Phase 3, Pinetown South, KwaZulu-Natal – Ethekewini Municipality.;
- Proposed Construction of the Sisonke Farmers Market, Ixopo, KwaZulu-Natal – Sisonke District Municipality.;
- 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 - EThekewini 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 development of a Shell Petrol Filling Station, Waterfall, KwaZulu-Natal – Shell Petroleum South Africa.;
- 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 Establishment of a 132kV Power Line and Associated 20MVA Substation, Ndwedwe, KwaZulu-Natal – Ndwedwe Municipality.;
- 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 construction of Kwezi Hostel on Rem of Erf 1248, Portion 7 of Erf 1247 and Rem of Erf 1092 Estcourt, Msthezi Local Municipality, KwaZulu-Natal.;
- Proposed “Baronberg Estate” on the Farm Blair Atholl No. 15735, Mooi Mpofana Municipality, KwaZulu-Natal - Baronberg cc.;
- Proposed “Heritage Ridge” comprising 20 new residential / holiday home opportunities and associated infrastructure on Portion 7 (of 1) of Lot H 105 No. 13359, Big Five False Bay Municipality, KwaZulu-Natal.;
- Proposed development of a Nutrex KZN (Pty) Ltd Animal Feed Mill on Portion 401 (of 6) of the Farm Allermans Drift No. 950, Tweedie, uMngeni Municipality, KwaZulu-Natal – Nutrex (Pty) Ltd.;
- Proposed “Valley View” Residential Development on portion 72 (of 71) of the Farm Camperdown No. 1330, Camperdown, KwaZulu-Natal – Valley View.;
- 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 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, Phoenix, KwaZulu-Natal – 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**

- 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: Ndiyomlilo, Tongaat, EThekwini Metropolitan, KwaZulu-Natal – Nankoo Engineers (Pty) Ltd.

### **Mining**

- 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.;
- Proposed Umgeni Sand Mining on the northern bank of Nagel Dam, KwaZulu-Natal

### **LANGUAGES**

**English** : Excellent  
**Afrikaans** : Fair

**(ii) Imke Summers**

# CURRICULUM VITAE



IMKE SUMMERS

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**NAME OF FIRM** : *TERRATEST (PTY) LTD*

**NAME OF PERSON** : *IMKE SUMMERS*

**NATIONALITY** : *SOUTH AFRICAN*

**DATE OF BIRTH** : *1987/06/01*

**PROFESSION** : *ENVIRONMENTAL CONSULTANT*

**QUALIFICATION** : *BSoc Sci (Geog & Env. Mgnt), BSc Hons (Env. Sci)*

**POSITION IN FIRM** : *ENVIRONMENTAL ASSESSMENT PRACTITIONER*

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

**YEARS OF EXPERIENCE** : *5.5 YEARS*

**YEARS WITH FIRM** : *4.5 YEARS*

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## **SUMMARY OF EXPERIENCE**

Imke Summers is a junior Environmental Scientist at Terratest (Pty) Ltd with 5.5 years of experience within a wide variety of environmentally related spheres. These include Basic and Full Environmental Impact Assessments, the developing of Environmental Management Programmes, Compliance Auditing, Mining Applications and the Public Participation Process. Project assortment includes work on structures upgrades in Northern KwaZulu-Natal, water supply schemes in the uThukela and Impendle regions, environmental auditing of various sites including the Chota Motola Interchange in Pietermaritzburg, and a number of water supply schemes, road upgrades and facility expansions throughout KwaZulu-Natal.

Imke is a member of the KwaZulu-Natal Branch of the International Association of Impact Assessors and has a keen interest in the environment and the future cosmopolitan nature of development and consulting.

## **SOCIETY MEMBERSHIP**

IAIA SA KZN : International Association of Impact Assessors South Africa, KwaZulu-Natal Branch (Membership No. 2930)

## **EDUCATION**

**2004** : **IEB Matric** with full exemption

**2007** : **BSoc Sc** (Geog and Env Sc) - University of KwaZulu-Natal, Pietermaritzburg

**2008** : **BSc** (Hons) (Env Sc) - University of KwaZulu-Natal, Pietermaritzburg

**2009 - Date** : Reading towards MSc Environmental Sciences



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## **SPECIFIC EXPERIENCE**

### Terratest (Pty) Ltd

**2014 - Present** : Position: Environmental Consultant

- : Section 24G Application for a Portion of the P700 Nodal Development - Environmental Assessment Practitioner. Client: Afrilnra Consulting Engineers (Pty) Ltd on behalf of the Zululand District Municipality.
- : Scoping and Environmental Impact Assessment and Environmental Management Programme for the Remainder of the P700 nodal Development - Environmental Assessment Practitioner. Client: Afrilnra Consulting Engineers (Pty) Ltd on behalf of the Zululand District Municipality.
- : Basic Assessment Report and Environmental Management Programme for the Proposed R22 Road-Over-Rail Bridge and Approach Alignment, Hluhluwe - Environmental Assessment Practitioner. Client: Hatch Goba on behalf of the South African National Roads Agency Limited (SANRAL).
- : Scoping and Environmental Impact Assessment and Environmental Management Programme for the Proposed R22 Hluhluwe Town Bypass, Hluhluwe - Environmental Assessment Practitioner. Client: Hatch Goba on behalf of the South African National Roads Agency Limited (SANRAL).
- : Basic Assessment Report and Environmental Management Programme for the Proposed Ndiza Poultry Facility Expansion, Kildargh Farm, Dargle, KwaZulu-Natal - Environmental Assessment Practitioner. Client: Ndiza Poultry Breeders.
- : Basic Assessment Report and Environmental Management Programme for the Proposed Construction of the Ideal Shavings Poultry Facility, Dargle, KwaZulu-Natal - Environmental Assessment Practitioner. Client: Ideal Shavings.
- : Amendment of the Authorised Environmental management Programme for the Enguga, Entshayabantue and Macksam (Phase 5) Community Water Supply Scheme, Impendle - Environmental Assessment Practitioner. Client: Sukuma Consulting Engineers on behalf of Umgungundlovu District Municipality.
- : Resource Efficiency and Cleaner Productions Assessment for the DEFY Ezakheni Site, Ladysmith - Environmental Scientist. Client: The CSIR on behalf of DEFY Ezakheni.

**2013 – Date** : Position: Environmental Consultant

- : Environmental Impact Assessment and Waste Licence Application for the Umlaas Gates Light Industrial Development - Environmental Assessment Practitioner. Client: Altix Holdings (Pty) Ltd.
- : Basic Assessment Report and Environmental Management Programme for the van Zyl Pongola Housing Development - Environmental Assessment Practitioner. Client: Private Applicant.
- : Basic Assessment and Environmental Management Programme for the upgrade and expansion of the Umhlanga Life Guard Facility - Environmental Assessment Practitioner. eThekweni Metropolitan Municipality.
- : Basic Assessment and Environmental Management Programme for the upgrade Qubukani to Ntabenkoni road, Hlabisa - Environmental Assessment Practitioner. Client: Mzansi Africa Civils on behalf of Umkhanyakude District Municipality.
- : Monthly environmental compliance monitoring and reporting for the construction of the Bhekuzulu/Epangweni Community Water Supply Scheme - Environmental Officer. Client: Hidratech Infra (Pty) Ltd on behalf of uThukela District Municipality.
- : Monthly environmental compliance monitoring and reporting for the expansion of the Pongola Water Treatment Works – Environmental Compliance Officer. Client: Afri-Infra Group (Pty) Ltd on behalf of Zululand District Municipality.

- : Weekly environmental compliance monitoring and reporting for the construction of the KwaNovuka Community Water Supply Scheme, Impendle – Environmental Compliance Officer. Client: Aurecon Group on behalf of Impendle Local Municipality.
- : Borrow pit closure reports for four borrow pits along the R30 Glen Lyon to Brandfort – Environmental Assessment Practitioner. Client: Roadcrete (Pty) Ltd
- : Basic Assessment and Water Use Licence for the Iliso Consulting Engineers / eThekwini Metropolitan Municipality Geogedale and Surrounds Bulk Sewer Infrastructure Development
- : Basic Assessment and Water Use Licence for the KwaCele and Surrounds Bulk Sewer Infrastructure Development - Environmental Assessment Practitioner. Client: Iliso Consulting Engineers / eThekwini Metropolitan Municipality
- : Environmental Impact Assessment, Waste Licence Application and Air Emissions Licence for a Mini Steel Foundry – Environmental Assessment Practitioner. Client: AfroIndia Recyclers (Pty) Ltd
- : Basic Assessment Report and Environmental Management Programme for the Slabber Fuel Station Development, Pongola – Environmental Assessment Practitioner. Client: Private
- : Basic Assessment Report and Environmental Management Programme for the Van Zyl Pongola Housing Development - Environmental Assessment Practitioner. Client: Private
- : Monthly environmental compliance monitoring and reporting for the construction of the Pongola Water Treatment Works - Environmental Officer. Client: Afri-Infra (Pty) Ltd on behalf of the uMkhanyakude District Municipality
- : Basic Assessment and Environmental Management Programme for the Umhlanga Life Guard Facility Upgrade - Environmental Assessment Practitioner. Client: eThekwini Metropolitan Municipality
- : Basic Assessment and Environmental Management Programme for the Hlabisa Roads; Qubukani to Ntabenkoni Upgrade - Environmental Assessment Practitioner. Client: Umkhanyakude District Municipality
- : Environmental Screening Report for the Zamimpilo Clinic Waste Water Treatment Works - Environmental Assessment Practitioner. Client: TJ Architects (Pty) Ltd on behalf of the Department of Health

**2012 – 2013** : Position: Environmental Consultant

- : Basic Assessment and Environmental Management Programme for the structures upgrades along the P451/470/475 - Environmental Assessment Practitioner. Client: SSI (Pty) Ltd on behalf of KZN Department of Transport.
- : Basic Assessment and Environmental Management Programme for the structures upgrades along the P735 - Environmental Assessment Practitioner. Client: SSI (Pty) Ltd on behalf of KZN Department of Transport.
- : Environmental Management Programme and monthly compliance monitoring for the upgrade of the Cedara College Roads – Environmental Assessment Practitioner and Environmental Compliance Officer. Client: Cedara Agricultural College.
- : Basic Assessment and Environmental Management Programme for the expansion of the Pongola Water Treatment Works – Environmental Assessment Practitioner and Environmental Compliance Officer. Client: Afri-Infra Group (Pty) Ltd on behalf of Zululand District Municipality.
- : Monthly environmental compliance monitoring and reporting for the construction and expansion of the Chota Motala Interchange, Greytwn Road - Environmental Compliance Officer. Client: South African National Roads Agency Limited (SANRAL).

- : Monthly environmental compliance monitoring and reporting for the upgrade and construction of the Ndunge Access Road – Environmental Compliance Officer. Client: SMEC (Pty) Ltd on behalf of Ugu District Municipality.
- : Environmental Screening Report for the proposed Mini Steel Foundry at Schroeders – Environmental Assessment Practitioner. Client: AfroIndia Recyclers (Pty) Ltd.

**2011 - 2012** : Position: Environmental Consultant

- : Environmental Management Programme for the upgrade of the Vulamehlo Access Road - Environmental Assessment Practitioner. Client: Impande Engineers (Pty) Ltd
- : Basic Assessment and Environmental Management Programme for the construction of the Bhekuzulu/Epangweni Community Water Supply Scheme - Environmental Assessment Practitioner. Client: Sukuma Consulting Engineers (Pty) Ltd on behalf of uThukela District Municipality.
- : Basic Assessment and Environmental Management Programme for the construction of the Swampu Phase 4 Community Water Supply Scheme, Impendle - Environmental Assessment Practitioner. Client: Sukuma Consulting Engineers on behalf of Umgungundlovu District Municipality.
- : Basic Assessment and Environmental Management Programme for the construction of the Enguga, Entshayabantue and Macksam (Phase 5) Community Water Supply Scheme, Impendle - Environmental Assessment Practitioner. Client: Sukuma Consulting Engineers on behalf of Umgungundlovu District Municipality.
- : Environmental compliance monitoring and reporting for the dredging of Camps Drift – Environmental Compliance Officer. Client: Natal Canoe Club.
- : Environmental Management Plan for the Alfred Nzo Borrow Pits – Environmental Assessment Practitioner. Client: Controlab CC.
- : Mining Permit Applications for the farms Bethel 683 HU, Driefontein 42 HU and Weltevreden 540 HU – Environmental Assessment Practitioner. Client: Huntrex 292 (Pty) Ltd.

Green Door Environmental

- 2010 – 2011** : Involved in various environmental application processes and report writing while under the employment of the company.

**LANGUAGES**

- English** : Excellent  
**Afrikaans** : Good  
**German** : Fair