

# Karissa Nel

## Senior Environmental Scientist



<b>Profession</b>	Senior Environmental Scientist
<b>Education</b>	MEM (Environmental Management), UFS, 2007 BSc (Hons) (Zoology), UFS, 2005 BSc (Zoology, Microbiology), UFS, 2004
<b>Registrations/ Affiliations</b>	Certified Environmental Assessment Practitioner (EAP(SA)) Member, International Association of Impact Assessors (IAIA(SA))
<b>Awards</b>	Bloemwater Prize for Best Magister Student in Environmental Management at UFS

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<b>Specialisation</b>	<b>Environmental Impact and Basic Assessments; Environmental Management Plans; Environmental Monitoring, Environmental Auditing, Environmental Licensing.</b>
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**Expertise** Karissa Nel has been involved in Environmental projects for the past 10 years. Her expertise includes:

- Basic Assessments (BA);
- Environmental Impact Assessments (EIA);
- Wetland Screening and Impact Assessments;
- Environmental Management Plans/ Programmes (EMPr);
- Environmental Auditing;
- Public Participation/ Stakeholder Engagement;
- Water Quality Monitoring;
- Environmental Licensing (Air Emission, Water Use, Waste, etc.); and
- Geographic Information Systems (using ArcGIS 10).

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### Employment

<b>2009 - present</b>	SRK Consulting (Pty) Ltd, Environmental Scientist, Port Elizabeth
<b>2005 - 2009</b>	MDA Consulting, Environmental Scientist
<b>2005</b>	University of the Free State, Research Assistant

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<b>Languages</b>	Afrikaans – read, write, speak English – read, write, speak
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## Senior Environmental Scientist

### Key Experience: Environmental Impact Assessments

Location:	Nelson Mandela Bay, Eastern Cape
Project duration & year:	2011 - present
Client:	Nelson Mandela Bay Municipality
Name of Project:	Jachtlakte Precinct Sustainable Human Settlement Plan
Project Description:	EIA for the Mixed-use housing, commercial and industrial development at Jachtlakte, Nelson Mandela Bay
Job Title and Duties:	Liaison with client and environmental authorities; project co-ordination; compilation of scoping and EIA reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Nelson Mandela Bay, Eastern Cape
Project duration & year:	2012 - present
Client:	Nelson Mandela Bay Municipality
Name of Project:	Witteklip Wastewater Treatment Works
Project Description:	EIA for the proposed Wastewater Treatment Works at Witteklip, Nelson Mandela Bay
Job Title and Duties:	Liaison with client and environmental authorities; project co-ordination; compilation of scoping and EIA reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Nelson Mandela Bay, Eastern Cape
Project duration & year:	2010 - 2012
Client:	Nelson Mandela Bay Municipality
Name of Project:	Realignment of the 132 kV powerline from Marconi Street to the Tembani line
Project Description:	EIA for the realignment of an existing powerline and additional of a new 132 kV powerline, Nelson Mandela Bay
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping and EIA reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Uitenhage, Eastern Cape
Project duration & year:	2011
Client:	Nelson Mandela Bay Municipality
Name of Project:	Mixed-use housing development at KwaNobuhle Extension 11, Uitenhage
Project Description:	EIA for the Mixed-use housing development at KwaNobuhle Extension 11, Uitenhage
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping and EIA reports; co-author of terrestrial ecological specialist study; facilitation of public participation process.
Value of Project:	n/a
Location:	Bloemfontein
Project duration & year:	2006
Client:	Confidential
Name of Project:	Subdivision of the Farm Morgenzon, Bloemfontein, Free State Province.
Project Description:	EIA for the subdivision of a farm
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a

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## Senior Environmental Scientist

### Key Experience: Environmental Impact Assessments

Location: Winburg  
 Project duration & year: 2008 - 2009  
 Client: Confidential  
 Name of Project: Fuel filling station on both sides of the N1 National Road on the Farm Harmonia 867, Winburg, Free State Province.  
 Project Description: EIA for the construction of a fuel filling station  
 Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.  
 Value of Project: n/a

Location: Colesberg  
 Project duration & year: 2007  
 Client: Confidential  
 Name of Project: Fuel filling station in Sluiters road in Colesberg, Northern Cape Province.  
 Project Description: EIA for the construction of a fuel filling station  
 Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.  
 Value of Project: n/a

Location: Colesberg  
 Project duration & year: 2006 – 2007  
 Client: Confidential  
 Name of Project: Township establishment at Kuyasa (Colesberg), Northern Cape Province.  
 Project Description: EIA for township establishment  
 Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.  
 Value of Project: n/a

Location: Bloemfontein  
 Project duration & year: 2006 – 2009  
 Client: Confidential  
 Name of Project: Township establishment on the Farm Bayswater 2865, Bloemfontein, Free State Province.  
 Project Description: EIA for town development in a sensitive area  
 Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping and EMP reports; facilitation of public participation process.  
 Value of Project: n/a

Location: Bloemfontein  
 Project duration & year: 2007 – 2008  
 Client: Confidential  
 Name of Project: Township establishment on Portions of the Farms Cecilia 2352, Kwaggafontein 2300 and Bloemfontein 654, Bloemfontein, Free State Province (known as the Cecilia development).  
 Project Description: EIA for a large town development  
 Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.  
 Value of Project: n/a

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### Key Experience: Environmental Impact Assessments

Location:	Ficksburg
Project duration & year:	2006 – 2007
Client:	Confidential
Name of Project:	Stafford Hill Golf and Polo Estate, Ficksburg, Free State Province.
Project Description:	EIA for golf and polo estate
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Christiana
Project duration & year:	2007 – 2009
Client:	Confidential
Name of Project:	Grootrivier Golf Estate on the Vaal River, Christiana, Free State Province.
Project Description:	EIA for a golf estate
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Lindley
Project duration & year:	2007
Client:	Confidential
Name of Project:	Enlargement of the off-channel raw water storage dam on the Remainder of the Farm Brandhoek no. 20, Lindley District, Free State Province.
Project Description:	Confidential
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Jagersfontein tot Fauresmith
Project duration & year:	2006
Client:	Confidential
Name of Project:	Water pipeline development between Jagersfontein & Fauresmith, Free State Province.
Project Description:	Scoping for a water pipeline and reservoir
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping and EMP reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Bloemfontein
Project duration & year:	2007 – 2008
Client:	Confidential
Name of Project:	132 kV overhead power line, 132 kV cable, distribution centre and switching station in the Fichardtpark and Willows area in Bloemfontein, Free State Province.
Project Description:	EIA for overhead power line and cable, distribution centre and switching station.
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a

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### **Key Experience: Environmental Impact Assessments**

Location:	Sterkspruit, Eastern Cape Province.
Project duration & year:	2008 – 2009
Client:	Confidential
Name of Project:	Proposed construction of a new solid waste site in Sterkspruit
Project Description:	EIA for construction of a new solid waste site.
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a
Location:	Colesberg, Northern Cape Province
Project duration & year:	2007 – 2008
Client:	Confidential
Name of Project:	Upgrading of Colesberg Wastewater Treatment Works
Project Description:	EIA for Upgrading of Wastewater Treatment Works.
Job Title and Duties:	Liaison with client and environmental authorities; assisting with project co-ordination; compilation of scoping, EIA and EMP reports; facilitation of public participation process.
Value of Project:	n/a

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## Senior Environmental Scientist

### Key Experience:      **Basic Assessments**

Location: Mt Frere, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Umzimvubu Investment Group  
 Name of Project: Mt Frere Filling Station & Truck Stop, Eastern Cape Province  
 Project Description: Basic Assessment process for the Mt Frere Filling Station & Truck Stop, Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report and EMPr and responding to public comments.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: G5 Properties  
 Name of Project: Rezoning of Erf 4603, Despatch, Nelson Mandela Bay Municipality  
 Project Description: Basic Assessment process and Water Use License Application for the rezoning and clearing of Erf 4603 for industrial purposes, Despatch, Nelson Mandela Bay Municipality  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report and EMPr and responding to public comments.  
 Value of Project: n/a

Location: Chatty, Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Chatty Bulk Stormwater Infrastructure, Port Elizabeth  
 Project Description: Basic Assessment process and Water Use License Application for the installation of Bulk Stormwater Infrastructure at Chatty, Port Elizabeth  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report and EMPr and responding to public comments.  
 Value of Project: n/a

Location: Seaview & Greenbushes, Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2015 - Ongoing  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Seaview and Greenbushes Bulk Water Infrastructure Expansion, Port Elizabeth  
 Project Description: Basic Assessment process and Water Use License Application for Seaview and Greenbushes Bulk Water Infrastructure Expansion, Port Elizabeth  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report and EMPr and responding to public comments.  
 Value of Project: n/a

Location: Walmer, Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2015 - ongoing  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Walmer 132 kV Powerline, Port Elizabeth  
 Project Description: Basic Assessment process and Water Use License Application for the installation of a 132 kV overhead powerline from the Lorraine Substation to the 17<sup>th</sup> Avenue Substation  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report and EMPr and responding to public comments.

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### Key Experience:      **Basic Assessments**

Location: Louterwater, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Granor Passi Landkloof  
 Name of Project: Proposed Effluent Ponds at Granor Passi, Louterwater, Eastern Cape Province  
 Project Description: Basic Assessment and Water Use License Application for Effluent Ponds at Granor Passi, Louterwater  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report, EMPr and Water Use License Application.

Value of Project: n/a

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2014 - 2016  
 Client: MGC Express  
 Name of Project: Marine Drive Apartment Development (Erf 20), Port Elizabeth  
 Project Description: Basic Assessment process for a the development of an Apartment Building at Erf 20, Port Elizabeth  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report, EMPr and appeal responses.

Value of Project: n/a

Location: Kenton-on-Sea, Eastern Cape Province  
 Project duration & year: 2015  
 Client: Confidential  
 Name of Project: Filling Station at Kenton-on-Sea  
 Project Description: Basic Assessment process for the development of a filling station at the entrance to Kenton-on-Sea  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of Basic Assessment Report, EMPr and appeal responses.

Value of Project: n/a

Location: Humansdorp, Eastern Cape Province  
 Project duration & year: 2015  
 Client: Wittekleibosch Dairy Trust  
 Name of Project: Wittekleibosch Milking Parlour, Humansdorp, Eastern Cape Province  
 Project Description: Basic Assessment and Water Use License Application for a milking parlour near Humansdorp in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Basic Assessment Report, EMPr and Water Use License Application.

Value of Project: n/a

Location: Addo, Eastern Cape Province  
 Project duration & year: 2014 - 2015  
 Client: Sundays River Vallay Local Municipality  
 Name of Project: Langbos Bulk Infrastructure, Addo, Eastern Cape Province  
 Project Description: Basic Assessment and Water Use License Application for the installation of bulk water and sewer infrastructure for Langbos, near Addo in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of Basic Assessment report and Water Use License Application.

Value of Project: n/a

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### Key Experience:      **Basic Assessments**

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2011 – 2012  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Revetments along the Swartkops River at Redhouse  
 Project Description: Basic Assessment for the installation of stormwater management structures along the portion of the Swartkops River  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
 Value of Project: n/a

Location: Middelburg, Eastern Cape  
 Project duration & year: 2009 – 2010  
 Client: SANRAL  
 Name of Project: Upgrade of the National Road 10 Section 4 from Tafelberg to Middelburg South Interchange  
 Project Description: Basic Assessment for the upgrade of the National Road 10 Section 4 from Tafelberg to Middelburg South Interchange  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
 Value of Project: n/a

Location: Coega to Colchester, Eastern Cape  
 Project duration & year: 2009 - 2010  
 Client: SANRAL  
 Name of Project: Upgrade and Rehabilitation of the National Road 2 Section 11, Coega to Colchester, Eastern Cape  
 Project Description: Basic Assesment for the upgrading of a road  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
 Value of Project: n/a

Location: Graaff-Reinet, Eastern Cape  
 Project duration & year: 2009 - 2010  
 Client: Confidential  
 Name of Project: Rezoning of erven in Graaff-Reinet for industrial purposes  
 Project Description: Basic Assessment for the rezoning of erven  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
 Value of Project: n/a

Location: Kleinpoort, Eastern Cape  
 Project duration & year: 2009  
 Client: Confidential  
 Name of Project: Establishment of a cemetery in Kleinpoort  
 Project Description: Basic Assessment for the establishment of a cemetery  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
 Value of Project: n/a



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### Key Experience: Basic Assessments

Location: Bloemfontein, Free State Province  
Project duration & year: 2007  
Client: Confidential  
Name of Project: Hotel, residential, business and office development on the Remainder of Plot 28, Rayton Small Holdings and Subdivision 2 of the Farm Rayton 431, Bloemfontein  
Project Description: Basic Assessment for a hotel, residential, business and office development  
Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of Basic Assessment report; facilitation of public participation process  
Value of Project: n/a

Location: Clarens, Free State Province  
Project duration & year: 2006 – 2008  
Client: Confidential  
Name of Project: Leisure residential development on the Farm Welgelegen, Clarens  
Project Description: Basic Assessment for the development of 15 leisure residential units.  
Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
Value of Project: n/a

Location: Kuruman/ Vryburg, North West Province  
Project duration & year: 2008  
Client: Confidential  
Name of Project: Upgrading of the road between Kuruman van Vryburg  
Project Description: Basic Assessment for upgrading of a road.  
Job Title and Duties: Liaison with client and environmental authorities; assisting with project co-ordination; compilation of Basic Assessment report; facilitation of public participation process.  
Value of Project: n/a

# Karissa Nel

## Senior Environmental Scientist

### **Key Experience: Atmospheric Emission License Applications**

Location:	Nelson Mandela Bay, Eastern Cape
Project duration & year:	2016 - present
Client:	Transnet Port Terminals
Name of Project:	Manganese Ore Berth: Conversion of the Provisional AEL to Final AEL
Project Description:	Application for the conversion of the Provisional Atmospheric Emission License (AEL) to a Final AEL as well as an AEL Application for new works at the Manganese Ore Berth at the Port Elizabeth Port, Nelson Mandela Bay
Job Title and Duties:	Liaison with client and environmental authorities; project co-ordination; review of reports
Value of Project:	R 100,000
Location:	Queenstown, Middleburg & Grahamstown, Eastern Cape
Project duration & year:	2016 - present
Client:	Department of Rural Development and Agrarian Reform
Name of Project:	Atmospheric Emission License (AEL) Applications for incinerators at Veterinary Laboratories in Queenstown, Middleburg & Grahamstown
Project Description:	AEL Applications, including a Section 22A process, for incinerators at Veterinary Laboratories in Queenstown, Middleburg & Grahamstown
Job Title and Duties:	Liaison with client and environmental authorities; project co-ordination; review of reports
Value of Project:	n/a
Location:	Nelson Mandela Bay, Eastern Cape
Project duration & year:	2010 - 2011
Client:	Transnet Port Terminals
Name of Project:	Manganese Ore Berth AEL
Project Description:	Atmospheric Emission License Application for the Manganese Ore Berth at the Port Elizabeth Port, Nelson Mandela Bay
Job Title and Duties:	Liaison with client and environmental authorities; project co-ordination; compilation of the Atmospheric Emission License Application Form
Value of Project:	n/a
Location:	Nelson Mandela Bay, Eastern Cape
Project duration & year:	2010 - 2011
Client:	EC Biomass
Name of Project:	EC Biomass Fuel Pellets - Biomass drying and pelletising plant
Project Description:	Atmospheric Emission License Application for a biomass drying and pelletising plant in the Coega IDZ, Nelson Mandela Bay
Job Title and Duties:	Liaison with client and environmental authorities; project co-ordination; compilation of the Atmospheric Emission License Application Form
Value of Project:	n/a

## Karissa Nel

### Senior Environmental Scientist

#### **Key Experience: Environmental Management Plans / Programmes (to DMR or as a separate document – not associated with a BA or EIA)**

Location: Middelburg, Eastern Cape  
 Project duration & year: 2010  
 Client: SANRAL  
 Name of Project: Upgrading of the National Road 10 Section 4 from Tafelberg to Middelburg South Interchange  
 Project Description: EMPr for borrow pits for the upgrading of the National Road 10 Section 4 from Tafelberg to Middelburg South Interchange  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Construction Environmental Management Programme.  
 Value of Project: n/a

Location: Colchester, Eastern Cape  
 Project duration & year: 2009 - 2010  
 Client: SANRAL  
 Name of Project: Upgrading and Rehabilitation of the National Road 2 Section 11 from Coega to Colchester  
 Project Description: EMPr for borrow pits for the upgrading and rehabilitation of the National Road 2 Section 11 from Coega to Colchester  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Construction Environmental Management Programme.  
 Value of Project: n/a

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2010  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Construction of Romany Road and associated infrastructure, Port Elizabeth  
 Project Description: Construction Environmental Management Plan for the construction of a road and associated infrastructure  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination; compilation of Construction Environmental Management Plan.  
 Value of Project: n/a

Location: Ladybrand  
 Project duration & year: 2007  
 Client: Confidential  
 Name of Project: EMPR for borrow pits – Ladybrand, Free State Province  
 Project Description: EMPR for borrow pits  
 Job Title and Duties: Liaison with client and mining authorities; compilation of Environmental Management Plan  
 Value of Project: n/a

# Karissa Nel

## Senior Environmental Scientist

### Key Experience: Environmental Auditing

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2017 - Ongoing  
 Client: MGC Express  
 Name of Project: Marine Drive Apartment Development (Erf 20), Port Elizabeth  
 Project Description: Environmental Auditing for a the development of an Apartment Building at Erf 20, Port Elizabeth  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Audit Reports.  
 Value of Project: n/a

Location: Humansdorp, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Wittekleibosch Dairy Trust  
 Name of Project: Wittekleibosch Milking Parlour, Humansdorp, Eastern Cape Province  
 Project Description: Environmental Auditing for a milking parlour near Humansdorp in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; review of Audit Reports.  
 Value of Project: n/a

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2011 - Ongoing  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Monitoring of the Construction of Nooitgedagt-Coela Low Level Supply Scheme Pipeline, Port Elizabeth, Eastern Cape  
 Project Description: Monitoring of the construction of a pipeline from the existing Nooitgedagt WTW to Olifantskop Reservoir (approx. 20 km)  
 Job Title and Duties: Liaison with client, contractor and environmental authorities; compilation of ECO reports.  
 Value of Project: n/a

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2010  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Monitoring of the Construction of Romany Road and associated infrastructure, Port Elizabeth, Eastern Cape  
 Project Description: Monitoring of the construction of a road and associated infrastructure  
 Job Title and Duties: Liaison with client, contractor and environmental authorities; compilation of ECO reports.  
 Value of Project: n/a

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2010 - Ongoing  
 Client: Confidential  
 Name of Project: Monitoring of the construction of the new FNB Building, Newton Park, Port Elizabeth  
 Project Description: Monitoring of the construction activities at the new FNB Building, Newton Park, Port Elizabeth  
 Job Title and Duties: Liaison with client, contractor and environmental authorities; compilation of ECO reports.  
 Value of Project: n/a

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### Key Experience: Environmental Auditing

Location: Bloemfontein  
Project duration & year: 2008  
Client: Confidential  
Name of Project: Monitoring of environmental compliance at construction phase of Noordstad power line construction, Bloemfontein, Free State Province.  
Project Description: Monitoring of environmental compliance  
Job Title and Duties: Liaison with client and contractor; compilation of ECO report.  
Value of Project: n/a

# Karissa Nel

## Senior Environmental Scientist

### Key Experience: Water Use License Applications

Location: Louterwater, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Granor Passi Landkloof  
 Name of Project: Proposed Effluent Ponds at Granor Passi, Louterwater, Eastern Cape Province  
 Project Description: Water Use License Application for Effluent Ponds at Granor Passi, Louterwater  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: G5 Properties  
 Name of Project: Rezoning of Erf 4603, Despatch, Nelson Mandela Bay Municipality  
 Project Description: Water Use License Application for the rezoning and clearing of Erf 4603 for industrial purposes, Despatch, Nelson Mandela Bay Municipality  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

Location: Chatty, Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Chatty Bulk Stormwater Infrastructure, Port Elizabeth  
 Project Description: Water Use License Application for the installation of Bulk Stormwater Infrastructure at Chatty, Port Elizabeth  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2015  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Jachtlakte Precinct Sustainable Human Settlement Plan  
 Project Description: Water Use License Application for Phase 1 of the Mixed-use housing, commercial and industrial development at Jachtlakte, Nelson Mandela Bay  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

Location: Humansdorp, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Wittekleibosch Dairy Trust  
 Name of Project: Wittekleibosch Milking Parlour, Humansdorp, Eastern Cape Province  
 Project Description: Water Use License Application for a milking parlour near Humansdorp in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

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## Senior Environmental Scientist

### Key Experience:      **Water Use License Applications**

Location: Addo, Eastern Cape Province  
 Project duration & year: 2014 - 2015  
 Client: Sundays River Vallay Local Municipality  
 Name of Project: Langbos Bulk Infrastructure, Addo, Eastern Cape Province  
 Project Description: Water Use License Application for the installation of bulk water and sewer infrastructure for Langbos, near Addo in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2013 - 2015  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Witteklip Wastewater Treatment Works  
 Project Description: Water Use License Application for the proposed Wastewater Treatment Works at Witteklip, Nelson Mandela Bay  
 Job Title and Duties: Project management; liaison with client and relevant authorities; compilation of the Water Use License Application Forms  
 Value of Project: n/a

Location: Uitenhage, Eastern Cape  
 Project duration & year: 2013 - 2015  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: KwaNobuhle Extension 11 Mixed-use Housing Development  
 Project Description: Water Use License Application for a proposed mixed-use housing development at KwaNobuhle Extension 11, Nelson Mandela Bay  
 Job Title and Duties: Project coordinator; liaison with client and relevant authorities; compilation of the Water Use License Application Forms  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2012 - 2013  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Khayamandi Extension Housing Development  
 Project Description: Water Use License Application for a proposed housing development at Khayamandi, Nelson Mandela Bay  
 Job Title and Duties: Project coordinator; liaison with client and relevant authorities; compilation of the Water Use License Application Forms  
 Value of Project: n/a

# Karissa Nel

## Senior Environmental Scientist

### **Key Experience: Waste License Applications / Integrated Waste License Applications**

Location: Louterwater, Eastern Cape Province  
 Project duration & year: 2016 - Ongoing  
 Client: Granor Passi Landkloof  
 Name of Project: Proposed Effluent Ponds at Granor Passi, Louterwater, Eastern Cape Province  
 Project Description: Integrated Environmental Authorisation and Waste License Application for Effluent Ponds at Granor Passi, Louterwater  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the Water Use License Application document.  
 Value of Project: n/a

Location: Humansdorp, Eastern Cape Province  
 Project duration & year: 2015  
 Client: Confidential  
 Name of Project: Wittekleibosch Milking Parlour, Humansdorp, Eastern Cape Province  
 Project Description: Integrated Environmental Authorisation and Waste License Application for a milking parlour near Humansdorp in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; compilation of the of Basic Assessment report, EMPr and Water Use License Application.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2012 - present  
 Client: Confidential  
 Name of Project: Witteklip Wastewater Treatment Works  
 Project Description: Waste License Application for the proposed Wastewater Treatment Works at Witteklip, Nelson Mandela Bay  
 Job Title and Duties: Project management; liaison with client and environmental authorities; compilation of the Waste License Application Form  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2012 - 2013  
 Client: Confidential  
 Name of Project: Newco Tyre Recycling Plant in Markman  
 Project Description: Waste License Application for the proposed Tyre Recycling Plant in Markman, Nelson Mandela Bay  
 Job Title and Duties: Project management; liaison with client and environmental authorities; compilation of the Waste License Application Form  
 Value of Project: n/a



# Karissa Nel

## Senior Environmental Scientist

### Key Experience: Wetland / Aquatic Specialist Assessments

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2016  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Coega Kop Well Field, Port Elizabeth, Nelson Mandela Bay Municipality  
 Project Description: Aquatic Impact Assessment for the Coega Kop Well Field, Port Elizabeth, Nelson Mandela Bay Municipality  
 Job Title and Duties: Liaison with client; project co-ordination & management; site work and analysis, compilation of Aquatic Impact Assessment Report.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape  
 Project duration & year: 2016 - ongoing  
 Client: Nelson Mandela Bay Municipality  
 Name of Project: Bloemendal Arterial Extension, Port Elizabeth  
 Project Description: Aquatic Impact Assessment for the proposed Extension of the Bloemendal Arterial, Port Elizabeth  
 Job Title and Duties: Liaison with client; project co-ordination & management; site work and analysis, compilation of Aquatic Impact Assessment Report.  
 Value of Project: n/a

Location: Port Elizabeth, Eastern Cape  
 Project duration & year: 2015  
 Client: Confidential  
 Name of Project: Proposed Housing Development on Portions 25 & 45 of Farm Cragga Kamma No. 23, Port Elizabeth  
 Project Description: Wetland Impact Assessment for the proposed Housing Development on Portions 25 & 45 of Farm Cragga Kamma No. 23, Port Elizabeth  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; site work and analysis, compilation of Wetland Impact Assessment Report.  
 Value of Project: n/a

Location: Kenton-on-Sea, Eastern Cape  
 Project duration & year: 2015  
 Client: Confidential  
 Name of Project: Proposed Fuel Service Station at Kenton-on-Sea  
 Project Description: Wetland Screening Study for the proposed Fuel Service Station at Kenton-on-Sea  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; desktop research, compilation of Wetland Screening Study Report.  
 Value of Project: n/a

Location: Paterson, Eastern Cape  
 Project duration & year: 2015  
 Client: Confidential  
 Name of Project: Proposed Upgrade of the Wastewater Treatment Works at Paterson  
 Project Description: Wetland Impact Assessment for the proposed Wastewater Treatment Works Upgrade at Paterson  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; site work and analysis, compilation of Wetland Impact Assessment Report.  
 Value of Project: n/a

# Karissa Nel

## Senior Environmental Scientist

### **Key Experience: Wetland / Aquatic Specialist Assessments**

Location: Addo, Eastern Cape Province  
 Project duration & year: 2014  
 Client: Confidential  
 Name of Project: Langbos Bulk Infrastructure, Addo, Eastern Cape Province  
 Project Description: Wetland Impact Assessment for the installation of bulk water and sewer infrastructure for Langbos, near Addo in the Eastern Cape Province  
 Job Title and Duties: Liaison with client and environmental authorities; project co-ordination & management; site work and analysis, compilation of Wetland Impact Assessment Report.  
 Value of Project: n/a

### **Key Experience: Other Specialist Studies**

Location: Bruintjies Hoogte, Eastern Cape Province  
 Project duration & year: 2016  
 Client: MSBA on behalf of SANRAL  
 Name of Project: Vegetation Identification and Demarcation, Bruintjies Hoogte, Eastern Cape Province  
 Project Description: Identify and mark indigenous and protected plant species along road reserve and approximately 2 m beyond the existing fence boundary which are to be protected/ avoided during the fence maintenance activity.  
 Job Title and Duties: Project management, project co-ordination, field work, report review, client liaison.  
 Value of Project: n/a

Location: Nelson Mandela Bay, Eastern Cape Province  
 Project duration & year: 2013  
 Client: Confidential  
 Name of Project: CBA trade-off study for the proposed Jachtlakke Precinct Sustainable Human Settlement Plan  
 Project Description: An investigation into potential trade-offs in the Jachtlakke Precinct to be made for proposed development areas that were originally planned in Critical Biodiversity Areas. The study included much work in ArcGIS.  
 Job Title and Duties: Project management; compilation of trade-off report; ArcGIS calculations and plans; liaison with client and environmental authorities.  
 Value of Project: n/a

Location: Uitenhage, Eastern Cape  
 Project duration & year: 2011  
 Client: Confidential  
 Name of Project: Terrestrial ecological specialist study for the proposed mixed-use housing development at KwaNobuhle Extension 11, Uitenhage  
 Project Description: Main author of the terrestrial ecological specialist study done for the EIA for the proposed mixed-use housing development at KwaNobuhle Extension 11, Uitenhage. The study involved much ArcGIS work.  
 Job Title and Duties: Identification and assessment of impacts, compilation of specialist report; ArcGIS calculations and map generation.  
 Value of Project: n/a