

Manda Hinsch

Partner / Principal Scientist



Profession	Water and Environmental Scientist
Education	BSc (Hons), Water Utilisation, University of Pretoria, 1993 BSc, Biochemistry & Chemistry, University of Johannesburg (former RAU), 1982
Registrations/ Affiliations	Pr Sci Nat (South Africa), 400164/09 Member, FWISA
Awards	Finalist in Woman in Water Awards (2003) Water and Environmental Scientist

Specialisation

Project management and coordination of environmental impact assessments, Environmental management programme, Water use licence applications and specialist inputs for mining and industrial projects. Water quality management, Water allocation, Water use efficiency; Waste management, Policy and strategy development in the water environment; Policy implementation, Water resource management.

Expertise

Manda Hinsch is a Water and Environmental Management expert with history of supplying exemplary services working per project or for employers both in Southern Africa and Africa in the Mining, Industrial and Regulatory sectors. She has developed skills over 39 years in supporting and advising clients in legal compliance, developing policy and strategy, applying for authorizations, assessing water and environmental risk, managing public consultation processes, and providing sustainable mitigation solutions. Manda excels as a team player in multidisciplinary projects and is ready to apply all skills and their benefits to any project with customer driven results.

Highlights

- Management of a multi-disciplinary project teams
- Knowledge of environmental legislation requirements
- Evaluation of specialist reports to integrate environmental risk
- Water Resource management to facilitate water allocation reform
- Water quality management for all industries and mines
- Water conservation and demand management for industries and local governments
- Integrated water monitoring plans
- Interpretation of water quality in terms of different water users
- Water use authorizations applications
- Environmental authorizations applications
- Integrated catchment management plans considering all water users
- Integrated Water and Waste Management Plans
- Development of policies for government's relating to all water, environment, and waste aspects
- Site auditing for compliance
- Conducting processes to obtain water and environmental authorisations, including the associated public participation processes;
- Water reform strategies and reallocation of water. Development of policies for implementing water allocation reform (WAR) in South Africa with associated pilot implementation;
- Evaluation of impacts and management through the issuing of Water Use Authorisations and the management of hazardous and solid waste for industrial, mining water and waste water systems;

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- Implementation and policy development in water and related fields particular focus on water quality management in urban and informal areas and agriculture;
- Development of waste management strategies;
- Institutional development in the water sector- establishment of Catchment Management Agency;
- contributing towards research projects by participation in Steering Committees, e.g., Development of Classification System, 2010 Water Quality Standards etc.;
- Development and implementation of water and environmental legislation and policy;
- Development and implementation of policy and strategy on pollution from urban areas.

Employment

Jan 2008 - present	SRK Consulting (Pty) Ltd, Water Scientist, Pretoria
Aug 1993 - Dec 2007	Department of Water Affairs, Deputy Director: Water Quality Management, Pretoria
1991 - 1993	Bergman & Partners Inc. Consulting Engineers, Senior Consultant< Johannesburg
1988 - 1991	Waste Tech, Hazardous Waste Consultant, Germiston
1983 - 1988	Council for Mineral Technology, (Mintek), Research Assistant, Johannesburg
1981 - 1983	UCOR, Technical Officer, Pelindaba

Publications

Selected publications and contribution to professional reports, and study tours

Languages

English – read, write, speak (Excellent)
Afrikaans – read, write, speak (Excellent)

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Publications:

1. Garduño, H. and Hinsch, M. (2005) *IWRM Implementation in South Africa: Redressing Past Inequities and Sustaining Development with a View to the Future*. World Bank Institute, Washington, DC.
2. Chiew, F.H.S. / McMahon **Pegram**, G.C. / Quibell, G. / **Hinsch**, M. | 1999. Modelling runoff and **diffuse pollution** loads in urban areas. 1999. Gedruckte Ausgabe. 291.

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Key Experience:

Policy and Strategy

Location:	Mbombela, Mpumalanga, South Africa
Project duration & year:	2012
Client:	Aurecon for the ICMA
Name of Project:	451039 ICMA AMD Strategy
Project Description:	The development of a proactive strategy/ management plan in respect of mining related pollution of water resources for the Inkomati Water Management Area
Job Title and Duties:	Water Quality Specialist
Value of Project:	R 240 000
Location:	Nkomati and Mputo Basins (South Africa Swaziland and Mozambique)
Project duration & year:	2009 - 2011
Client:	PRIMA, TPTC
Name of Project:	Progressive Realisation of the Incu Maputo Agreement, Development of a Disaster management Plan for the catchments
Project Description:	Development of a water disaster management plan for the two catchments. The objective of the assignment was to prepare sets of comprehensive disaster preparedness, implementation and management plans, protocols and decision support systems for each of the identified basins to mitigate the possible effects of floods, droughts and major pollution accidents.
Job Title and Duties:	Leading Consultant in the team for the Water Quality Component
Value of Project:	R5 800
Location:	South Africa
Project duration & year:	2003
Client:	Department of Water and Sanitation
Name of Project:	Development of policy strategies and guidelines for the Water Allocation Reform programme
Project Description:	Water allocation reform is being implemented by the South African Department of Water Affairs and Forestry (DWAFF), through the Water Allocation Reform (WAR) Programme. . In order to address these challenges, the Department of Water Affairs and Forestry have recently commenced a project, with financial assistance from the United Kingdom's Department for International Development, to review existing and develop alternative approaches to water allocation in South Africa... The approach integrates water use data with environmental, economic and equity data to provide a holistic picture of the progress and benefits of WAR
Job Title and Duties:	Project Manager and specialist input
Value of Project:	R 25 000

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Key Experience:

Policy and Strategy

Location:	South Africa
Project duration & year:	2000
Client:	Water Research Commission
Name of Project:	The Development of a Guide to assess the Non-Point Source Pollution of Surface Water Resources in South Africa
Project Description:	The scope and complexity of the topic led to the project being conceived in three phases. C Phase I was to perform a Situation Assessment of the current state of knowledge about non-point sources and their assessment in South Africa, A Situation Assessment. Project Working Document. C Phase II involved a series of case studies to evaluate and illustrate the application of assessment techniques in South Africa, presented in: Guide to Non-point Source Assessment Phase III was to develop the Guide itself - this document represents the culmination of this phase and the project as a whole.
Job Title and Duties:	Specialist input
Value of Project:	R 300 000
Location:	South Africa
Project duration & year:	1996 - 1999
Location:	Department of Water Affairs and Forestry
Name of Project:	Development of a Strategy to Manage Water Quality Impacts in the Urban sector
Project Description:	This project developed the Structured-Facilitated approach to identifying the underlying causes of pollution in densely populated settlements in South Africa. The main outcome of this project was the National Strategy to Manage the Water Quality Effects of Settlements, which describes DWAF's plans to roll out the structured-facilitated approaches in South Africa, as well as an assessment of the main causes of pollution in these settlements. The project also tested the approaches in some 12 Test Cases, and the results from these settlements have shown that it is possible to identify sustainable solutions to problems when communities and service providers work together.
Job Title and Duties:	Project Manager and specialist input
Value of Project:	R 3 000
Location:	Mpumalanga
Project duration & year:	12 months
Client:	Inkomati Usutu Catchment Management Agency
Name of Project:	528972 IUCMA Pollution Management Plan
Project Description:	SRK Consulting (Pty) Ltd was appointed by the Inkomati-Usuthu Catchment Management Agency (IUCMA) for the provision of professional services on an as and when required basis. The appointment was for the environmental pollution remediation implementation plan in the Lomati sub-system. The aim of the study was to identify and assess water pollution sources in the catchment with the view to prioritise and develop strategies to manage and rehabilitate polluted areas in the Lomati sub system and to provide information which can be easily communicated to the water users in the catchment. The study included: <ul style="list-style-type: none"> • Identification of sources of pollution; • Classification of sources of pollution into point and non-point sources; • Verification of the legality of pollution sources; and Risk assessment of pollution sources to downstream users.
Job Title and Duties:	Project Manager and specialist input
Value of Project:	R 500 000

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Key Experience: Integrated water - and environmental management

Location: Kendal, Mpumalanga
 Project duration & year: 2021
 Client: ESKOM
 Name of Project: 568217 Monthly surface and quarterly groundwater monitoring
 Project Description: Water quality analysis and interpretation of water quality results following water quality sampling
 Job Title and Duties: Project Manager and reporter
 Value of Project: R1 500 000

Location: Rustenburg, North West Province, South Africa
 Project duration & year: 2020
 Client: Anglo Rustenburg Base Metal Refinery
 Name of Project: 557214 Basic Assessment Report for the construction and operation of the proposed Reverse Osmosis Plant at Anglo's Rustenburg Base Metals Refiner
 Project Description: Job RBMR intended to construct and operate a Reverse Osmosis (RO) plant. The RO plant will service the boiler feed water, MC Plant cold well top up and the demineralisation plant. The construction and operation of the proposed RO plant triggered activities listed in Government Regulation Notice (GNR) 983 which required an Environmental Authorisation (EA) from the North West Department of Economic Development, Environment, Conservation and Tourism (DEDECT). There is an existing softener plant located where the RO plant will be constructed, which will need to be decommissioned to make way for the RO plant. The decommissioning and closure of the softener plant also triggers activities in GNR 983 and required authorisation from the DEDECT. The impact assessment was undertaken in a Basic Assessment (BA) process the required Public participation process was also conducted
 Title and Duties: Project Reviewer and specialist input
 Value of Project: R 570 000

Location: Rustenburg, North West, South Africa
 Project duration & year: 2020 - 2021
 Client: Rustenburg Base Metals Refiners (RBMR)
 Name of Project: 561608 Application for an Environmental Authorisation for the proposed Relocation of the Acid Plant at Anglo American Platinum's
 Project Description: Rustenburg Base Metals Refiners (RBMR) requires reagents in support of processing applications at their Magnetic Concentrator (MC) Plant and BMR plants. The chemicals are received, stored and distributed from a centralised Bulk Chemical Storage facility. However, continuous leaks and loss of bund integrity led to the contamination of the area's substrate resulting in heaving of the foundations, therefore the reagent storage area need to be relocated. The proposed project will therefore require an Environmental Authorisation (EA)
 Title and Duties: Project Reviewer and specialist input
 Value of Project: R 800 000

Location: Northern Cape, South Africa
 Project duration & year: 2020
 Client: GoodRock ChemWorks Pty Ltd
 Name of Project: 553917 Goodrock WULA
 Project Description: Water Use Licence Application for Section 21 (b) and (g) Water Uses Associated with the GoodRock Operations
 Value of Project: R 200 000

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Key Experience: Integrated water - and environmental management

Location: Rustenburg, North West, South Africa
 Project duration & year: 2020
 Client: Royal Bafokeng Platinum
 Name of Project: 550401 RBPlat RSIP
 Project Description: Rehabilitation Strategy and Implementation Programme for Royal Bafokeng Platinum (Pty) Ltd Maseve Platinum Mine in Compliance with the Water Use License
 Job Title and Duties: Project Review
 Value of Project: R 83 000

Location: Eastern Cape Province, South Africa
 Project duration & year: 2019 - 2020
 Client: Tshashu Consultants
 Name of Project: 536558 Environmental Authorisation for the proposed dam to be located on the Msikaba River,
 Project Description: SRK Consulting (South Africa) (Pty) Ltd was appointed by Tshashu Consulting and Project Managers (TS) to conduct a water supply feasibility study for 85 villages within Wards 22, 23, 24, 25 and 28 in Ingquza Hill Local Municipality. These wards are located within the OR Tambo District Municipality. The feasibility study included a hydrological assessment and a yield analysis to determine the available yield in Msikaba and Mzamba Rivers as well as Xura and Kwa-Dlamba Rivers (tributaries of Msikaba River) and to identify the best option that would ensure adequate water supply to the communities. The study concluded that a dam with a capacity of approximately 1000 Mℓ located on the Msikaba River will be required for water supply to the communities. The project requires a Water Use Licence (WUL) from the Department of Water and Sanitation (DWS) for the construction of the dam, the abstraction of water from the river as well as construction within 100 m of a water course. SRK submitted a quotation for a WUL application process. However, the project also triggers activities listed in Listing Notices of the National Environmental Management Act, 1998 (Act 107 of 1998) and will require an Environmental Authorisation (EA) from the Eastern Cape Department of Economic Development, Environmental Affairs and Tourism (DEDEAT)
 Job Title and Duties: EAP
 Value of Project: R 200 000

Location: Eastern Cape Province, South Africa
 Project duration & year: 2019 - 2020
 Client: Tshashu Consultants
 Name of Project: 536558 Environmental Authorisation for the proposed dam to be located on the Msikaba River,

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Key Experience: Integrated water - and environmental management

Location: Makhado Local Municipality, Limpopo, South Africa
 Project duration & year: 2018
 Client: Universal Coal Development V (Pty) Ltd
 Name of Project: 535300 Mining Right Application for Cygnus Coal Mining Area
 Project Description: (UCDV) was granted a Prospecting Right over the Cygnus 549 MS property and was required to apply for a mining right in respect of coal mining at the property. The project required authorisation in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA). The application was made, coordination of specialists and public participation process was conducted

Job Title and Duties: Project Reviewer
 Value of Project: R 4 500 000

Location: Mpumalanga, South Africa
 Project duration & year: 2018 - 2019
 Client: Exxaro Coal Central
 Name of Project: 534406 EIA/EMP for Dorstfontein Coal Mine (DCM) West new proposed activities namely discard dump, underground mining and conveyor belt
 Project Description: Exxaro Coal Central (ECC) operates five mines, namely Forzando North, Forzando South, Dorstfontein West Mine, Dorstfontein East Mine and Tumelo Mines. All mines are underground operations except Dorstfontein East Mine which is an opencast mine.
 The discard dump at Dorstfontein West is coming to the end of its life and a new dumping facility which were required by 2022. Furthermore, the installation of a conveyor belt from Dorstfontein West to East was also planned
 Three options for the transportation of coal from Dorstfontein West to Dorstfontein East are being considered including making use of the existing provincial road assess with trucks, overland conveyor with service road from DCM West to DCM East or use of haul road from DCM West to DCM East.
 The project required various environmental legal applications to be submitted and approved before activities commence in these areas. SRK Consulting South Africa (SRK) undertook the Environmental Authorisation (EA) processes including Environmental Impact Assessment (EIA)/Waste Management Licence/Environmental Management Plan (EMP) and Integrated Water Use License Application (IWULA).

Job Title and Duties: Project Manager and reviewer
 Value of Project: R 25 000

Location: Emfuleni, Gauteng, South Africa
 Project duration & year: 2017 – 2021
 Client: SABLock
 Name of Project: 539766 Emfuleni Ash dump: undertaking Water Use Licence Application
 Project Description: SA Block (Pty) Ltd recently received the right to reclaim the clinker resource of the Emfuleni Ash dump. The property belongs to the Emfuleni Local Municipality. It is envisaged that the operation to reclaim the dump should extend for 10 years. Afrimat requires water for the reclamation operation and the best source would be from the groundwater. SRK Consulting (SA) Pty (LTD) undertook the Water Use Licence Application in terms of Section 21 (a) of the National Water Act (Act 36 of 1998) for the abstraction of ground water

Job Title and Duties: Project Reviewer
 Value of Project: R 250 000

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Key Experience: Integrated water - and environmental management

Location: Phalaborwa, Limpopo, South Africa
 Project duration & year: 2017 - 2021
 Client: Foskor (Pty) Ltd
 Name of Project: 512277 Biannual Ground Water Monitoring
 Project Description: Monitoring of 52 boreholes biannually
 Job Title and Duties: Water Quality analysis and Project Manager
 Value of Project: R 1 500 000

Location: Vierfontein in Free State
 Project duration & year: 2017- 2021
 Client: Afrimat
 Name of Project: 539915 Vierfontein WULA
 Project Description: Afrimat recently received the right to reclaim the clinker resource of the Vierfontein Ash dump. The property belongs to the Emfuleni Local Municipality. It is envisaged that the operation to reclaim the dump should extend for 10 years. Afrimat requires water for the reclamation operation and the best source would be from the groundwater. This is therefore a proposal from SRK Consulting (SA) Pty (LTD) undertook the Water Use Licence Application in terms of Section 21 (a) of the National Water Act (Act 36 of 1998) for the abstraction of ground water.

Contact Details **Bruno Penzhorn**
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Job Title and Duties: Project Reviewer
 Value of Project: R 180 000

Location: Rustenburg, North West, South Africa
 Project duration & year: 2017
 Client: Royal Bafokeng Platinum
 Name of Project: 523640 Basic Assessment Environmental Application and Water Use License for the Proposed Transportation of Ore via an Overland Conveyor Belt from the Styldrift Mine Complex to a Neighbouring Mine
 Project Description: SRK Consulting (South Africa) (Pty) Ltd has been requested by Royal Bafokeng Platinum Limited (RBPlat) to submit a proposal to undertake the necessary Environmental Authorisation (EA) application processes for the construction of an overland conveyor belt from the Styldrift Mine Complex to a neighbouring mine.
 The existing conveyor belt is covered under existing EAs in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA), Mineral Petroleum Resources Act (Act No. 28 of 2002) (MPRDA) and the National Water Act (Act No. 36 of 1998) (NWA).
 The new proposed conveyor belt will be tying into the existing conveyor belt system for the transportation of ore to a neighbouring mine.

Job Title and Duties: Project Reviewer
 Value of Project: R 1 100

Location: All Days, Limpopo, South Africa
 Project duration & year: 2017
 Client: Universal Coal
 Name of Project: Berenice Review of Environmental Documents
 Project Description: Mine in process of obtaining Environmental Authorisation. SRK requested to review the documents and ensure process compliance by the appointed EAPS
 Job Title and Duties: Project Manager and Document Reviewer
 Value of Project: R 300 000

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Key Experience: Integrated water - and environmental management

Location: Rustenburg, North West, South Africa
 Project duration & year: 2017 - 2022
 Client: Royal Bafokeng Platinum
 Name of Project: 454591 Environmental Authorisation for Mining Infrastructure
 Project Description: Undertaking of the Environmental Authorisation and public participation processes to comply with the regulatory requirements
 Job Title and Duties: Project Manager and Document Reviewer
 Value of Project: R 100 000

Reference

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Location: Gauteng, South Africa
 Project duration & year: 2016 - 2017
 Client: DPW WCDM
 Name of Project: 501960-Assessment of Water Distribution Infrastructure and Development of Water Conservation and Demand Management at the 6 Correctional Services Facilities in Gauteng
 Project Description: The primary objectives of this study were:

- The identification and then implementation of Water Conservation and Demand Management Measures,
- The identification of Water Efficiency Measures

 Development of Water Efficiency Strategy
 Job Title and Duties: Specialist Water Consultant and Project Manager
 Value of Project: R 1 800

Location: Ekurhuleni, Gauteng, South Africa
 Project duration & year: 2016
 Client: Ekurhuleni Metro
 Name of Project: 498275 Upgrading of the Boksburg Lake
 Project Description: The rehabilitation of the Boksburg Lake with the associated application for Water and Environmental Authorisations. Various options for rehabilitation designs were to be developed. A catchment water quality monitoring programme was developed and followed. Extensive public participation is required beyond what legislation requires.
 Job Title and Duties: Environmental Authorisation and Extensive Public Participation Management and implementation
 Value of Project: R 2 800

Location: Northern Gauteng, South Africa
 Project duration & year: 2016 –2018
 Client: Department of Public Works
 Name of Project: 489454 10 WWTW upgrades
 Project Description: The primary objectives of this study were:

- To address poor performance of 9 waste water treatment plants and one water treatment plant. These plants have a history of poor green drop scores for various reasons.
- The project entailed the upgrading of the works to comply with regulations.

 This included the application of Water Use Licences and Environmental Authorisations where applicable
 Job Title and Duties: Specialist Water and Environmental Consultant
 Value of Project: R 20 000

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Key Experience: Integrated water - and environmental management

Location: Johannesburg Braamfontein Spruit, South Africa
 Project duration & year: 2014 - 2017
 Client: JRA
 Name of Project: 490423 Water Use and Environmental Authorisations
 Project Description: Undertaking of the Environmental Authorisation and public participation processes to comply with the regulatory requirements
 Job Title and Duties: Project Manager and Document Reviewer
 Value of Project: R 100 000

Location: Mbombela, Mpumalanga, South Africa
 Project duration & year: 2014 - 2015
 Client: 471550 IZUSA Transport
 Name of Project: S24 G Application in terms of the NEMA for construction activities undertaken without authorisation
 Project Description: The primary objectives of this study were to negotiate with the relevant authority for 24G approval
 Various activities were undertaken prior to obtaining authorisation. Application was made to MDARDLEA for a Section 24 G. Public participation was also undertaken
 Job Title and Duties: Project manager and specialist
 Value of Project: R 250 000

Location: Emlahleheni, Mpumalanga, South Africa
 Project duration & year: 2014 - 2016
 Client: Universal Coal
 Name of Project: 483409 Environmental Authorisation and EMP amendment for the Roodekop and NCC project
 Project Description: The New Clydesdale Colliery (NCC) Mining Right Area previously owned by Exxaro Coal Mpumalanga (Pty) Ltd. was bought by Universal Coal PLC. It was proposed to expand the approved Roodekop opencast mining area onto the Farm Diepspruit, (previously NCC). As such it was required to undertake an application for Environmental Authorisation prior to the commencement of construction activities. It is proposed to establish an opencast mining area of approximately 150 ha on the Farm Diepspruit, Farm 41 IS. Most associated infrastructure exists, and the proposed development will link into the existing infrastructure network. Project included the following:

- Specialist management and review of specialist studies. Compilation of application process for the authorisation in terms of the NEMA EIA Regulations;
- Consolidated Scoping Report with the inclusion of the Roodekop extension area;
- Consolidated Environmental Impact Assessment Report with the inclusion of the Roodekop extension area; and
- Consolidated Environmental Management Programme with the inclusion of the Roodekop extension area.
- Compilation of application process for the authorisation in terms of Section 102 of the MPRDA; and
- Stakeholder engagement in terms of the NEMA, NEMWA, MPRDA and NWA requirements, including of advertisements in two local/regional newspapers.

Job Title and Duties: Specialist Environmental Consultant
 Value of Project: R 10 000

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Key Experience: Integrated water - and environmental management

Location: Phalaborwa, Limpopo, South Africa
 Project duration & year: 2014
 Client: Foskor (Pty) Ltd
 Name of Project: 457190 Foskor WUL Audit
 Project Description: Annual External Audit in compliance with Water Use Authorisation
 Job Title and Duties: Auditor and reporter
 Value of Project: R 80 000

Location: Limpopo and Western Cape, South Africa
 Project duration & year: 2013 - 2014
 Client: Department of Environment Affairs
 Name of Project: 462372 - Licencing of 64 Unlicenced Municipal Waste Disposal Facilities in 2013/14 Fiscal Year
 Project Description: SRK Consulting was appointed to conduct the Environmental Impact Assessment (EIA) process and manage the Waste Licence applications (WLA) for various municipal waste disposal facilities located in the following areas:
 (a) Western Cape Provinces; and
 (b) Limpopo,
 To conduct the Environmental Impact Assessment (EIA) process and manage the Waste Management Licence (WML) applications for various municipal waste disposal facilities located in Limpopo. 6 Sites were allocated of which Project Management and Execution was undertaken
 EAP and Specialist Environmental Consultant
 Job Title and Duties: EAP Project Manager, Reviewer
 Value of Project: R 3 852 574

Location: Mpumalanga, South Africa
 Project duration & year: 2013 - 2016
 Client: Exxaro
 Name of Project: 467209 -Environmental Authorisation for the Construction of the Proposed Belfast Railway Siding, Haul Road, Pollution Control Dam, and Associated Infrastructure,
 Project Description: SRK Consulting compiled an Environmental Impact Assessment (EIA), Environmental Management Plan (EMP) and Integrated Water Use license Application (IWULA) for the proposed railway siding, haul road, coal loading area and pollution control dam.
 Three locations were investigated for the suitability for construction of the railway siding and haul road:
 • Sunbury;
 • Belfast; and
 • Rietkuil.
 According to the National Environmental Management Act (Act No 107 of 1998) (NEMA) and General Notice (GN) 543 printed in terms of the NEMA, a number of listed activities were triggered requiring a Scoping Environmental Authorization and Water Use Authorisation prior to construction.
 Job Title and Duties: Project Manager, Reviewer and Specialist input
 Value of Project: R 2 500

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Key Experience

Integrated Water – Environmental Management

Location: Eastern Cape, South Africa
 Project duration & year: 2013 – 2015
 Client: BVI Consulting
 Name of Project: Skoenmakers River Rehabilitation
 Project Description: Public Consultation, Environmental Authorisation from DARD and DWS for upgrading of River Bridges and rehabilitating the eroded rivers.
 Job Title and Duties: Specialist Environmental Consultant
 Value of Project: R 100 000

Location: Mbombela, Mpumalanga, South Africa
 Project duration & year: 2013 – 2014
 Client: Aurecon
 Name of Project: Water Requirements and Availability Reconciliation Strategy for the Mbombela LM
 Project Description: The primary objectives of this study were:

- To address the growing water demands as well as the water quality problems experienced in the catchment;
- To assess the current water availability and water deficit/surplus;
- To identify resource management and development options, and
- To recommend and sequence reconciliation interventions, both management and structural.

 Job Title and Duties: Specialist Environmental Consultant
 Value of Project: R 100 000

Location: Vlakfontein, Mpumalanga, South Africa
 Project duration & year: 2012 – 2016
 Client: African Exploration, Mining and Finance Company
 Name of Project: 492186 Environmental Authorisation for EMP Amendment, IWULA and EIA for the Vlakfontein Phase 2 Coal Mining Area
 Project Description: The primary objectives of this study were:

- To investigate of the area to be affected;
- To undertake the relevant specialist studies that were required to undertake the EIA, IWULA and EMP process;
- Conclusion of the processes to obtain the respective authorisations

 To conduct public participation with interested and affected parties including the authorities;
 Job Title and Duties: Specialist Environmental Consultant
 Value of Project: R 250 000

Location: Mpumalanga , South Africa
 Project duration & year: 2012
 Client: Department of Water Affairs
 Name of Project: 444360 Mbombela Water Reconciliation
 Project Description: Evaluation of the water quality requirements and impacts of water quality on the water users for the greater Mbombela Reconciliation Study
 Job Title and Duties: Water Quality Specialist
 Value of Project: R 120 000

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Key Experience

Integrated Water – Environmental Management

Location: Chaneng Area, Rustenburg, North West, South Africa
 Project duration & year: 2012 -
 Client: Royal Bafokeng Platinum
 Name of Project: Styldrift # 2 Shaft Environmental Authorisations
 Project Description: The primary objectives of this study were:

- To investigate of the area to be affected;
- To undertake the relevant specialist studies that were required to undertake the EIA, IWULA and EMP process;
- Conclusion of the processes to obtain the respective authorisations
- To conduct public participation with interested and affected parties including the authorities

Job Title and Duties: Specialist Environmental Consultant
 Value of Project: R 20 000

Location: Thabazimbi, Limpopo, South Africa
 Project duration & year: 2012 – 2014
 Client: Exxaro Resources
 Name of Project: 449006 Specialist Hydrological Study for the proposed ThabaMetsi Mine
 Project Description: The proposed Thaba Metsi project needed to apply for an Environmental Impact Assessment (EIA) and Environmental Management Programme (EMP) according to the Mineral and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA), and according to the National Environmental Management Act (Act no 107 of 1998) and the associated listed activities listed under regulation GN 544 and GN 545 of 2010. An Integrated Water Use License application, according to the National Water Act (Act no 36 of 1998), is also required in order to apply for the water uses on all operations within the surface area of the proposed Thaba Metsi mining area.
 SRK Consulting was awarded the responsibility of undertaking the specialist hydrological study with regard to the proposed Thaba Metsi mining area.

Job Title and Duties: Water Quality Specialist
 Value of Project: R 2 249 121

Location: Northam, South Africa
 Project duration & year: 2011 - 2013
 Client: Anglo Platinum
 Name of Project: 430521 Rustenburg Platinum Mine Union Section - Ventilation Shaft Environmental Management Programme Amendment
 Project Description: Union Section was planning to develop seven additional ventilation shafts at their operation close to Northam. Ventilation shafts were required to bring the return air from underground to the surface. SRK Consulting has been approached by RPM – Union Section to undertake the necessary environmental authorisation application requirements for the additional required ventilation shafts in accordance with the Mineral and Petroleum Resources Development Act (MPRDA) (No. 28 of 2002) and the National Environmental Management Act (NEMA) (Act 107 of 1998). An Environmental Impact Assessment (EIA)/Environmental Management Plan (EMP) is required for the environmental authorisation.

Job Title and Duties: Project Manager and EAP
 Value of Project: R 444 899

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Key Experience

Integrated Water – Environmental Management

Location: Gauteng West Rand, South Africa
Project duration & year: 2011 – 2012
Client: West Rand District Council
Name of Project: Preparation and development of a feasibility study for the water conservation and demand management strategy for the West Rand
Project Description: This project has been motivated in terms of:

- Reconciling supply and future demand
- Water resources and environmental protection
- Financial viability for water services delivery
- Postponing capital infrastructure requirements
- Threat posed at the aim of achieving sustainable and affordable services delivery to low income areas
- The increase loss of income to municipalities and
- The increase in the direct cost of distribution losses

Job Title and Duties: Specialist Consultant
Value of Project: R 700 000

Location: Limpopo and Mpumalanga, South Africa
Project duration & year: 2009 - 2011
Client: DWA
Name of Project: Northern Regions Small Towns Water Reconciliation Study
Project Description: Development of water reconciliation options for small towns, including assessing impacts of water conservation
Job Title and Duties: Specialist Environmental Consultant
Value of Project: R 800 000

Location: Mogalakwena Municipality, Limpopo, South Africa
Project duration & year: 2008 – 2009
Client: Mogalakwena Municipality
Name of Project: Environmental Authorisation for the pipeline for bulk water supply.
Project Description: Obtaining an environmental authorisation for the bulk water supply pipeline from Flag Bosheillo dam to the municipality from the relevant authority. Specialist studies for the project included biodiversity and aquatic evaluations which were performed by specialists in this field
Job Title and Duties: Project Manager and technical advisor
Value of Project: R 600 000

APPLICATION FOR ENVIRONMENTAL AUTHORIZATION

(b) Declaration by the environmental assessment practitioner.

Environmental assessment practitioner (EAP):⁴

Trading name (if any):	SRK Consulting (Pty) Ltd		
Contact person:	Ndomupei Masawi		
Postal address:	PostNet Suite #177, Private Bag X20009, Garsfontien, South Africa.		
Postal code:	0042	Cell:	076 438 2826
Telephone:	012 361 9812		
E-mail:	nmasawi@srk.co.za		
Education Qualifications ⁵ :	MSc. Integrated Water Resources Management (IWRM), MSc. Geo-Information for Environmental Management		
Professional affiliation(s) (if any) ⁶	EAPASA Reg Number 2020/401 and SACNASP Reg Number 400045/14		

I, Ndomupei Masawi, declare that I


- am the independent environmental practitioner in this application;
- will comply with the requirements for an EAP as stipulated in Regulation 13 of the EIA Regulations, 2014;
- do not have and will not have any vested interest (either business, financial, personal or other) in the undertaking of the proposed activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;
- will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- declare that there are no circumstances that may compromise my objectivity in performing such work;
- have expertise in conducting environmental impact assessments, including knowledge of the National Environmental Management Act, 1998 (Act107 of 1998), regulations and any guidelines that have relevance to the proposed activity;
- will comply with the National Environmental Management Act, 1998 (Act107 of 1998), regulations and all other applicable legislation;
- 2014 undertake to disclose to the applicant and the KZN Department of Economic Development, Tourism & Environmental Affairs all material information in my possession that reasonably has or may have the potential of influencing its decision with respect to this application;
- will ensure that information containing all reports in respect of this application is distributed or made available to interested and affected parties and that their participation is facilitated in such a manner that they will be provided with a reasonable opportunity to participate and provide comments on the reports;
- will provide the competent authority with access to all information at my disposal regarding this application, whether such information is favourable to the applicant or not;
- declare that all the particulars furnished by me in this form are true and correct;
- I am aware that a person is guilty of an offence in terms of Regulation 48 (1) of the EIA Regulations, 2014, if that person provides incorrect or misleading information. A person who is convicted of an offence in terms of sub-regulation 48(1) (a)-(e) is liable to the penalties as contemplated in section 49B(1) of the National Environmental Management Act, 1998 (Act 107 of 1998); and
- I will comply with all the requirements as indicated in the National Environmental Management Act, 1998(Act 107 of 1998) and Environmental Impact Assessment Regulations, 2014.



Signature of the environmental assessment practitioner

SRK Consulting Consulting (Pty) Ltd

Trading name



Date

⁵⁸Please include details of names, education qualifications and professional affiliations of the EAP and each representative of the EAP appointed to manage this application.

Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal	Application for Environmental Authorization	May 2021 V1
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Ndomupei Masawi

Principal Environmental Scientist



Profession	Environmental Scientist
Education	MSc., IWRM, <i>in progress</i> PGDip., IWRM, 2020 MS., Geo-Information and Earth Observation for Environmental Management, the Netherlands, 2007 BSc (Hons), Environmental Sciences, Forest Resources and Wildlife Management, National University of Science and Technology (Zimbabwe), 2005
Registrations/ Affiliations	Pr.Sci.Nat, 400045/14 EAPASA, 2020/401 Member, PGIS Member, IAIAAsa
Awards	None

Specialisation Geographic information system (GIS) services, EIAs, WULAs, Water resource management and water quality assessments.

Expertise Ndomupei has more than 15 years of integrated environmental management and project management experience. Her experience includes compiling environmental management programmes, undertaking public participation processes, providing geographic information system (GIS) services and undertaking the processes and assessments to support applications for environmental authorisations, water use licences, waste management licences and air emission licences, for roads, railway lines, power stations, airports, dams, housing developments, schools in South Africa, Tanzania, Botswana, Lesotho, Zimbabwe and Uganda. Her expertise includes:

- environmental impact assessments.
- environmental management programmes.
- waste management plans and licenses.
- integrated water and waste management plans (IWWMPs).
- waste classification.
- water use license applications.
- water quality assessments and impact assessments.
- GIS and remote sensing.
- basic assessment reports.
- section 24 G applications.
- risk assessments.
- public participation process.
- project management and coordination.

Employment

2019 – present	SRK Consulting (Pty) Ltd, Principal Environmental Scientist, Pretoria
2016 – 2019	SRK Consulting (Pty) Ltd, Senior Environmental Scientist, Pretoria
2008 – 2016	ILISO Consulting Environmental Management (Pty) Ltd, Environmental Scientist and GIS Specialist, Centurion
2007 – 2007	ITC/Government of Tanzania Project, Biodiversity Conservation, GIS and Remote Sensing Specialist on the Ruvu Forest project, Bagamoyo, Tanzania
2005 – 2006	Southern Alliance for Indigenous Resources (SAFIRE), Assistant Ecologist, Harare, Zimbabwe
2003 – 2004	Southern Alliance for Indigenous Resources (SAFIRE), Ecologist, Harare, Zimbabwe

Publications None

Languages English – read, write, speak
Shona – read, write, speak

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: North West, South Africa
 Project duration & year: 2021 –Ongoing
 Client: Anglo American Platinum RBMR
 Name of Project: RBMR Surge Tank Capacity Expansion
 Project Description: Application for an Environmental Authorization and for the proposed expansion of surge tank capacity at RBMR
 Job Title and Duties: Project Manager
 Value of Project: R 280 000

Location: Mpumalanga, South Africa
 Project duration & year: 2021 – Ongoing
 Client: Eskom Kendal Power Station
 Name of Project: Water quality monitoring at Kendal Power Station
 Project Description: Quarterly Groundwater and Monthly Surface Water quality monitoring at Kendal Power Station
 Job Title and Duties: Water Quality Specialist
 Value of Project: R 1.1m

Location: Mpumalanga, South Africa
 Project duration & year: 2020
 Client: Universal Coal (Pty) Ltd
 Name of Project: Ndalamo Closure Liability Review
 Project Description: Ndalamo Closure Liability Review
 Job Title and Duties: Project Manager
 Value of Project: R 400 000

Location: North West, South Africa
 Project duration & year: 2020
 Client: Anglo American Platinum RBMR
 Name of Project: RBMR Reverse Osmosis Plant
 Project Description: Application for an Environmental Authorization and for the proposed construction and operation of a Reverse Osmosis Plant at RBMR
 Job Title and Duties: Project Manager
 Value of Project: R 400 000

Location: North West, South Africa
 Project duration & year: 2020 – Ongoing
 Client: Anglo American Platinum RBMR
 Name of Project: RBMR Bulk Chemical Plant Relocation
 Project Description: Application for an Environmental Authorization for the proposed relocation of a bulk chemical storage facility at RBMR; and NEMA Emergency Application for the proposed relocation of a bulk chemical storage facility at RBMR
 Job Title and Duties: Project Manager
 Value of Project: R 800 000

Location: North West, South Africa
 Project duration & year: 2019 – Ongoing
 Client: Harmony Gold Mining Company Limited
 Name of Project: Stormwater Management Plan and Design for Kalgold expansion project
 Project Description: Stormwater Management Plan and Design for Kalgold expansion project
 Job Title and Duties: Project Manager
 Value of Project: R 500 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Gauteng, South Africa
 Project duration & year: 2019 – Ongoing
 Client: Department of Public Works
 Name of Project: Upgrade and refurbishment of the Baviaanspoort Pipeline
 Project Description: Application for an Environmental Authorization and Water Use Authorisation for the proposed refurbishment of the Baviaanspoort Wastewater Pipeline
 Job Title and Duties: Application for an EA and Water Use Authorisation and compilation of the supporting technical report and Basic Assessment Report and EMPr
 Value of Project: R 500 000

Location: Mpumalanga, South Africa
 Project duration & year: 2019 – Ongoing
 Client: Inkomati-Usuthu Catchment Management Agency (IUCMA)
 Name of Project: Pollution Management in the IUCMA
 Project Description: Assessment of pollution sources and legality of water use in the Lower Lomati River Catchment
 Job Title and Duties: Water Specialist, identification of pollution sources, assessment of legality of water uses in the Lower Lomati Catchment and identification of strategies to manage pollution sources
 Value of Project: R 300 000

Location: Limpopo, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Universal Coal Development V (Pty) Ltd (UCDV)
 Name of Project: Mining Right Application for the proposed coal mine at Cygnus 549MS
 Project Description: Application for a mining right and associated applications for an Environmental Authorisation, Waste Management Licence and Water Use Authorisation for the proposed green fields coal mine at Cygnus 549MS, Makhado Local Municipality
 Job Title and Duties: Project Manager. Roles include management of the specialists and budget, compilation of the Scoping Report, the EIAR/EMPr and the IWWMP for the Water Use Licence Application
 Value of Project: R 4.5 million

Location: Eastern Cape, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Tshashu Consulting and Project Managers (TS)
 Name of Project: Feasibility Studies for the proposed Msikaba Water Supply Project
 Project Description: Application for a Water Use Authorisation for the proposed dam on the Msikaba River
 Job Title and Duties: Application for a Water Use Authorisation and compilation of the supporting technical report
 Value of Project: R 1.7 million

Location: Mpumalanga, South Africa
 Project duration & year: 2020 – Ongoing
 Client: Anglo American Platinum RBMR
 Name of Project: Environmental Authorisation for the construction and operation of a Reverse Osmosis Plant at Anglo's RBMR Plant
 Project Description: Application for an Environmental Authorisation for the construction and operation of a Reverse Osmosis Plant at Anglo's RBMR Plant
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Application, Stakeholder Engagement BA Report
 Value of Project: R 400 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Sasolburg, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Sasol South Africa (Pty) Ltd
 Name of Project: Waste Management Licence Application for the decommissioning of the FAD6 cement-ash mixing plant
 Project Description: Application for a Waste Management Licence Application decommissioning of the FAD6 cement-ash mixing plant
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Application, Scoping and EIA Report
 Value of Project: R 500 000

Location: Sasolburg, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Sasol South Africa (Pty) Ltd
 Name of Project: Basic Assessment for Sasol Tankfarm Tanks Project
 Project Description: Application for an Environmental Authorisation for Sasol's Clean Fuels (2) Tankfarm Tanks Project
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Application, Basic Assessment Report, Project Coordination
 Value of Project: R 600 000

Location: Gauteng and Mpumalanga, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Department of Public Works
 Name of Project: Water Use Licence Application for the upgrade and refurbishment of DPW's Wastewater Treatment Works
 Project Description: Application for a Water Use Licence for the upgrade and refurbishment of DPW's 10 Wastewater Treatment Works in Gauteng and Mpumalanga
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Application and Technical Reports
 Value of Project: R 2.0 million

Location: Sasolburg, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Sasol South Africa (Pty) Ltd
 Name of Project: Waste Management Licence Application for the construction and operation of FAD6 cement-ash mixing plant
 Project Description: Application for a Waste Management Licence Application for the proposed FAD6 cement-ash mixing plant
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Application, Scoping and EIA Report
 Value of Project: R 400 000

Location: Gauteng, South Africa
 Project duration & year: 2018
 Client: First Land Developments
 Name of Project: Zwavelpoort Housing Development
 Project Description: Water Use Licence Application for a Housing Development in Zwavelpoort, Pretoria
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Water Use Licence Technical Report and application forms for the proposed Housing Development in Zwavelpoort, Pretoria
 Value of Project: R 150 000

Ndomupe Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Sasolburg, South Africa
 Project duration & year: 2018
 Client: Sasol South Africa (Pty) Ltd
 Name of Project: Water Use Licence Application for powerlines at Sasol's Sasolburg Plant
 Project Description: Water Use Licence Application for powerlines at Sasol's Sasolburg Plant
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the phase 1 and 2 of the WUL Application
 Value of Project: R 100 000

Location: Gauteng, South Africa
 Project duration & year: 2018
 Client: Heric Ferrochrome Mine
 Name of Project: External Audit for the Heric Mine Water Use Licence
 Project Description: External Audit for the Heric Mine Water Use Licence
 Job Title and Duties: External Auditor
 Value of Project: R 40 000

Location: Gauteng, South Africa
 Project duration & year: 2018
 Client: Triakon Engineering Consulting (Pty) Ltd
 Name of Project: Environmental Screening for the proposed housing development in Eldorado
 Project Description: Environmental Screening for the proposed housing development in Eldorado
 Job Title and Duties: Environmental Screening for the proposed housing development in Eldorado
 Value of Project: R 20 000

Location: Limpopo, South Africa
 Project duration & year: 2018
 Client: Foskor (Pty) Ltd
 Name of Project: Groundwater Monitoring for Foskor
 Project Description: Annual Groundwater Monitoring for Foskor
 Job Title and Duties: Water Specialist: Assessment of Groundwater Results and compilation of the groundwater monitoring report for the year 2017-2018
 Value of Project: R 120 000

Location: Free State, South Africa
 Project duration & year: 2017 – 2018
 Client: Manyeleti Consulting (Pty) Ltd
 Name of Project: Manyeleti Prospecting Right Application
 Project Description: Application for a prospecting right for coal in the Free State Province
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, Public Participation Process, Project coordination
 Value of Project: R 400 000

Location: Mpumalanga, South Africa
 Project duration & year: 2017 – 2018
 Client: Exxaro Coal
 Name of Project: Environmental Authorisation processes at Exxaro Coal Central (ECC) Dorstfontein East Coal Mine
 Project Description: Application for a Water Use Licence for the expansion of the Dorstfontein East Coal Mining Operation
 Job Title and Duties: Compilation of the Integrated Water and Waste Management Plan.
 Value of Project: R 400 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Limpopo, South Africa
 Project duration & year: 2017
 Client: Universal Coal
 Name of Project: Application for an Environmental Authorisation for the establishment of the Berenice Coal Mine in Limpopo
 Project Description: Review of the Environmental Authorisation Processes and Documentation for the Berenice Coal Project
 Job Title and Duties: Review of reports, process coordination and providing technical support to the EIA team.
 Value of Project: R 400 000

Location: Johannesburg Gauteng
 Project duration & year: 2016 – 2018
 Client: Johannesburg Roads Agency (JRA)
 Name of Project: Braamfontein Spruit Rehabilitation Study
 Project Description: Rehabilitation study for the Braamfontein Spruit
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Water Use Licence Technical Report and application forms, environmental impact assessment of the identified remedial measures, water quality assessment of the Braamfontein Spruit, conducting the public participation process and management of environmental specialists.
 Value of Project: R 5.5 million

Location: Ekurhuleni, Gauteng, South Africa
 Project duration & year: 2016 – Ongoing
 Client: Ekurhuleni Local Municipality
 Name of Project: Boksburg Lake Rehabilitation Plan and Associated Authorisations
 Project Description: Compilation of a rehabilitation plan and conducting of the associated environmental authorisation application processes
 Job Title and Duties: Environmental Specialist. Environmental Status Quo and water quality Assessment of the Boksburg Lake and Boksburg Lake catchment, Stakeholder Engagement, Environmental Impact Assessment of the identified remediation measures, undertaking the applications for required environmental permits (environmental authorisation and water use licence) for the remediation measures.
 Value of Project: R 2.3million

Location: Rustenburg North West, South Africa
 Project duration & year: 2016 – Ongoing
 Client: Omnia Fertilizers
 Name of Project: Decommissioning of the Omnia Fertilizers-Rustenburg Factory
 Project Description: Application for an Environmental Authorisation and Waste Management Licence for the decommissioning of the Omnia Fertilizers-Rustenburg Factory.
 Job Title and Duties: Environmental Assessment Practitioner. Application for the amendment of Omnia's Water Use Licence, Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists.
 Value of Project: R 300 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Witbank, Mpumalanga, South Africa
 Project duration & year: 2016
 Client: Eskom Holdings
 Name of Project: Construction of a water supply pipeline at the Duvha Power Station
 Project Description: Application for an Environmental Authorisation for the construction of a water supply pipeline at the Duvha Power Station.
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists.
 Value of Project: R 400 000

Location: Eastern Cape, South Africa
 Project duration & year: 2016
 Client: Eastern Cape Department of Roads and Public Works
 Name of Project: EIA/EMP for the construction of an office precinct in Bhisho
 Project Description: Compilation of an EIA/EMP and application for General Authorisation
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists
 Value of Project: R 700 000

Location: Limpopo, South Africa
 Project duration & year: 2016
 Client: Tango Consultants
 Name of Project: Application for mining permits for Borrow Pits in the Babanana Village in Limpopo
 Project Description: Application for mining permits for Borrow Pits in the Babanana Village in Limpopo
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists
 Value of Project: R 700 000

Location: Eastern Cape, South Africa
 Project duration & year: 2015 - 2016
 Client: Somlolo Steel Manufacturing (Pty) Ltd
 Name of Project: EIA for the proposed 200 000 ton/Year Steel Galvanizing Plant within the Coega IDZ
 Project Description: EIA for the proposed 200 000 ton/Year Steel Galvanizing Plant within the Coega IDZ
 Job Title and Duties: Environmental Assessment Practitioner. Conducting the EIA process for the proposed steel galvanizing plant, including compilation of the scoping, EIR and EMP, management of the specialists and conducting the public participation process.
 Value of Project: R 500 000

Location: Mpumalanga, South Africa
 Project duration & year: 2015 – 2016
 Client: Trans- Caledon Tunnel Authority (TCTA)
 Name of Project: Emergency Water Pipeline for the Komati Water Augmentation Project (KWSAP)
 Project Description: Environmental Impact Assessment for the proposed Emergency Water pipeline between the KWSAP pipeline and Kriel Water Treatment Plant.
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists.
 Value of Project: R 300 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Mpumalanga, South Africa
 Project duration & year: 2015 – 2016
 Client: TCTA
 Name of Project: Komati Water Scheme Augmentation Project (KWSAP)
 Project Description: Application for amendments to the Environmental Authorisation for the KWSAP.
 Job Title and Duties: Environmental Assessment Practitioner. Drafting the application and supporting information reports, conducting the public participation process and management of specialists.
 Value of Project: R 350 000

Location: Secunda, Mpumalanga, South Africa
 Project duration & year: 2015
 Client: Sasol
 Name of Project: Development of an Integrated Water and Wastewater Plan for Sasol's Charlie One Landfill Site in Secunda
 Project Description: Development of an Integrated Water and Wastewater Plan for Sasol's Charlie One Landfill Site in Secunda
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Integrated Water and Wastewater Plan
 Value of Project: R 100 000

Location: Mpumalanga, South Africa
 Project duration & year: 2013 - 2015
 Client: Eskom Holdings
 Name of Project: Construction of infrastructure across rivers and wetlands at the Kusile Power Station
 Project Description: Application for an Environmental Authorisation for the crossing of rivers and wetlands at the Kusile Power Station
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists
 Value of Project: R 200 000

Location: Doringkloof, Gauteng, South Africa
 Project duration & year: 2014
 Client: City of Tshwane
 Name of Project: City of Tshwane Flood Management
 Project Description: Application for an Environmental Authorisation for the construction within the Doringkloof. The project entailed the upgrade of river crosses along the Doringkloof Spruit
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the Basic Assessment Report, conducting the public participation process and management of specialists
 Value of Project: R 150 000

Location: South Africa
 Project duration & year: 2014
 Client: Eskom Holdings
 Name of Project: Application for exemption and postponement of the Minimum Air Emission Standards
 Project Description: Water Resources Assessment for the Eskom Power Stations as part of the application for exemption and postponement of the Minimum Air Emission Standards
 Job Title and Duties: Environmental Scientist – Conducting the assessment of the water requirements for Eskom's Power Station
 Value of Project: R 2 million

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Sasolburg, Free State, South Africa
 Project duration & year: 2013
 Client: Sasol
 Name of Project: Water Use Licence Application for Sasol One and Midland Sites
 Project Description: Water Use Licence Application for Sasol One and Midland Sites
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the application forms and the supporting technical report.
 Value of Project: R 400 000

Location: Mpumalanga, South Africa
 Project duration & year: 2012 - 2014
 Client: Eskom Holdings
 Name of Project: Integrated Application for an Environmental Authorisation and Waste Management Licence for the 10-year Hazardous Waste Disposal Site at the Kusile Power Station
 Project Description: Integrated Application for an Environmental Authorisation and Waste Management Licence for the 10-year Hazardous Waste Disposal Site at the Kusile Power Station
 Job Title and Duties: Environmental Assessment Practitioner. Conducting the EIA process for the proposed hazardous waste facility, including compilation of the scoping, EIR and EMP, management of the specialists and conducting the public participation process.
 Value of Project: R 1.9 million

Location: Pretoria, Gauteng, South Africa
 Project duration & year: 2012 - 2013
 Client: City of Tshwane
 Name of Project: Application for an Environmental Authorisation and Water Use Licence for the upgrade and expansion of the Baviaanspoort Wastewater Treatment Works
 Project Description: Water Use Licence Application for the upgrade and expansion of the Baviaanspoort Wastewater Treatment Works
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the application forms and the supporting technical report.
 Value of Project: R 200 000

Location: North West, South Africa
 Project duration & year: 2012 - 2013
 Client: Department of Water and Sanitation
 Name of Project: Marico River catchment
 Project Description: Groundwater Quality Assessment for the Marico River catchment
 Job Title and Duties: Water Quality Specialist. Collection of groundwater quality data from the Department of Water and Sanitation, assessment and interpretation of the data, compilation of the groundwater quality report. GIS and Mapping.
 Value of Project: R 400 000

Location: Pretoria, Gauteng, South Africa
 Project duration & year: 2012 - 2013
 Client: City of Tshwane
 Name of Project: Application for an Environmental Authorisation and Water Use Licence for the upgrade and expansion of the Baviaanspoort Wastewater Treatment Works
 Project Description: Surface Water Quality Impact Assessment for the upgrading and expansion of Baviaanspoort WWTW
 Job Title and Duties: Water Quality Specialist. Collection of water quality data from the Department of Water and Sanitation, assessment and interpretation of the data, compilation of the water quality report. GIS and Mapping.
 Value of Project: R 100 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: North West, South Africa
 Project duration & year: 2012 - 2013
 Client: Department of Water and Sanitation
 Name of Project: Marico River catchment
 Project Description: Assessment of the impact of the Zeerust Wastewater Treatment Works on the Marico River Catchment water quality.
 Job Title and Duties: Water Quality Specialist. Collection of data from the Department of Water and Sanitation, assessment and interpretation of the data, compilation of the report. GIS and Mapping.
 Value of Project: R 100 000

Location: Gauteng and Free State, South Africa
 Project duration & year: 2012
 Client: RowingSA
 Name of Project: South African National Rowing Venue
 Project Description: Environmental Screening for the proposed new South African Rowing Venue.
 Job Title and Duties: Environmental Assessment Practitioner. Drafting the Environmental Screening report, GIS and mapping.
 Value of Project: R 50 000.

Location: Mpumalanga, South Africa
 Project duration & year: 2011 - 2012
 Client: Eskom Holdings
 Name of Project: Section 24 G Application for the Kusile Power Station
 Project Description: Section 24 Application for the construction of roads across rivers and wetlands at the Kusile Power Station
 Job Title and Duties: Public Participation Process Specialist. Conducting the public participation process for the Section 24 G process and compiling the public participation report. GIS and mapping.
 Value of Project: R 300 000

Location: Dinokeng, Gauteng, South Africa
 Project duration & year: 2011
 Client: Dinokeng
 Name of Project: Environmental Screening for the Boekenhoutskloof Airstrip development.
 Project Description: Environmental Screening for the Boekenhoutskloof Airstrip development.
 Job Title and Duties: Environmental Assessment Practitioner. Drafting the Environmental Screening report, GIS and mapping.
 Value of Project: R 100 000

Location: Katse, Lesotho
 Project duration & year: 2011 - 2011
 Client: Lesotho highlands Development Agency (LHDA)
 Name of Project: Environmental Impact Assessment for the Kobong Pump Storage Scheme
 Project Description: Environmental Impact Assessment for the Kobong Pump Storage Scheme
 Job Title and Duties: Public Health Specialist. Conducting the public health impact assessment. GIS and Mapping
 Value of Project: R 2 million

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location: Free State, South Africa
 Project duration & year: 2010
 Client: Department of Water and Sanitation
 Name of Project: Bloemfontein Reconciliation Strategy Project.
 Project Description: Water Quality Assessment for the Bloemfontein Reconciliation Strategy Project.
 Job Title and Duties: Water Quality Specialist. Collection of water quality data from the Department of Water and Sanitation, assessment and interpretation of the data, compilation of the water quality report. GIS and Mapping
 Value of Project: R 300 000

Location: Limpopo and Mpumalanga, South Africa
 Project duration & year: 2010
 Client: Department of Water and Sanitation
 Name of Project: Olifants River Reconciliation Strategy Project.
 Project Description: Water Quality Assessment for the Olifants River Reconciliation Strategy Project.
 Job Title and Duties: Water Quality Specialist. Collection of water quality data from the Department of Water and Sanitation, assessment and interpretation of the data, compilation of the water quality report. GIS and Mapping
 Value of Project: R 300 000

Location: Chobe District, Botswana
 Project duration & year: 2010
 Client: Botswana Department of Water Affairs
 Name of Project: Environmental Impact Assessment for the construction of a water supply pipeline in the Chobe District of Botswana
 Project Description: Environmental Impact Assessment for the construction of a water supply pipeline in the Chobe District of Botswana
 Job Title and Duties: Human Geography Specialist – Conducting the impact assessment of the pipeline on human geography.
 Value of Project: R 4 million

Location: Centurion, Gauteng, South Africa
 Project duration & year: 2009 – 2010
 Client: Bombela Consortium
 Name of Project: Construction of the Gautrain Rapid rail Link
 Project Description: Amendment Application for the Gautrain Rapid Rail Link for the Technopark viaduct.
 Job Title and Duties: Environmental Assessment Practitioner. Drafting the application and supporting information reports, conducting the public participation process and management of specialists.
 Value of Project: R 300 000

Location: Soshanguve, Gauteng, South Africa
 Project duration & year: 2009
 Client: Gauteng Department of Housing
 Name of Project: Water Use Licence Application for the construction of a road across rivers and streams in Soshanguve HH-JJ area
 Project Description: Water Use Licence Application for the construction of a road across rivers and streams in Soshanguve HH-JJ area
 Job Title and Duties: Environmental Assessment Practitioner. Compilation of the application forms and the supporting technical report.
 Value of Project: R 120 000

Ndomupei Masawi

Principal Environmental Scientist

Key Experience: Environmental management and GIS

Location:	Mpumalanga and Gauteng, South Africa
Project duration & year:	2008 - 2013
Client:	Department of Water and Sanitation
Name of Project:	Electronic Water Quality Management System (eWQMS)
Project Description:	Electronic Water Quality Management System (eWQMS)
Job Title and Duties:	Provincial Team Leader for Gauteng and Mpumalanga Provinces Ensuring that the municipalities submit their monthly water quality and wastewater information to the Department via the eWQMS. Assisting municipalities with technical queries.
Value of Project:	R 5 million
Location:	Alexandra, Gauteng, South Africa
Project duration & year:	2008 - 2009
Client:	Johannesburg Roads Agency (JRA)
Name of Project:	Water Use Licence Application for the construction of gabions on the Jukskei River and the construction of a bridge across the Jukskei River.
Project Description:	Water Use Licence Application for the construction of gabions on the Jukskei River and the construction of a bridge across the Jukskei River.
Job Title and Duties:	Environmental Assessment Practitioner. Compilation of the application forms and the supporting technical report.
Value of Project:	R 90 000
Location:	Botswana, South Africa and Namibia
Project duration & year:	2008 - 2009
Client:	ORASECOM
Name of Project:	Feasibility Study of the potential for sustainable water resources development in the Molopo-Nossob watercourse
Project Description:	Feasibility Study of the potential for sustainable water resources development in the Molopo-Nossob watercourse
Job Title and Duties:	GIS Specialist. Data collection, database creation and management, mapping.
Value of Project:	R 3 million

Vusimuzi Masango

Environmental Consultant



Profession	Technical Assistant
Education	BA (Hons), Environmental Management, University of South Africa; in progress BA, Environmental Management, University of South Africa; 2021 ND, Agricultural Science (Animal Science), Tshwane University of Technology, 2012
Registrations/ Affiliations	EAPASA, 2019/1601 Member, IAIAA
Awards	None

Specialisation

EIAs, WULAs; Groundwater sampling and Surface water sampling and water quality assessments.

Expertise

Vusimuzi Masango has obtained experience in the field stakeholder engagement during the past 8 years. He has coordinated various stakeholder engagement consultation processes for Environmental and Social Impact Assessments for government and the private sector. His expertise includes:

- Technical support to the environmental impact assessments Process.
- Technical support to the environmental management programmes.
- Technical support to the waste management plans and licenses.
- Technical support to the integrated water and waste management plans (IWWMPs) process.
- Technical support to the water use license applications process.
- Technical support to water quality assessments and impact assessments
- Technical support to basic assessment reports process.
- Groundwater and Surface Water Monitoring (Sampling) and
- Public participation process

Employment

2019 – present	SRK Consulting (Pty) Ltd, Technician, Pretoria
2015 – 2018	SRK Consulting (Pty) Ltd, Technical Assistant, Pretoria
2012 – 2015	SRK Consulting (Pty) Ltd, Admin Support, Pretoria
2012 – 2012	Samca Tiles (Pty) Ltd, Process Controller, Gauteng
2011 – 2011	Kanhym Estates, Process Controller, Middelburg

Publications

None

Languages

English – read, write, speak
 Setswana – read, write, speak
 South Sotho - read, write, speak
 Sepedi – read
 South Sotho - read, speak

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: North West, South Africa
 Project duration & year: 2021 – Ongoing
 Client: Anglo American Platinum RBMR
 Name of Project: RBMR Surge Tank Capacity Expansion
 Project Description: Application for an Environmental Authorization and for the proposed expansion of surge tank capacity at RBMR
 Job Title and Duties: Public Participation and Administration
 Value of Project: R 280 000

Location: Mpumalanga, South Africa
 Project duration & year: 2021 – Ongoing
 Client: Eskom Kendal Power Station
 Name of Project: Water quality monitoring at Kendal Power Station
 Project Description: Quarterly Groundwater and Monthly Surface Water quality monitoring at Kendal Power Station
 Job Title and Duties: Sample Collection/Field Work
 Value of Project: R 1.1 million

Location: North West Province, South Africa
 Project duration & year: 2020
 Client: Anglo American Platinum RBMR
 Name of Project: RBMR Reverse Osmosis Plant
 Project Description: Application for an Environmental Authorization and for the proposed construction and operation of a Reverse Osmosis Plant at RBMR
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 400 000

Location: North West , South Africa
 Project duration & year: 2020 – Ongoing
 Client: Anglo American Platinum RBMR
 Name of Project: RBMR Bulk Chemical Plant Relocation
 Project Description: Application for an Environmental Authorization for the proposed relocation of a bulk chemical storage facility at RBMR; and NEMA Emergency Application for the proposed relocation of a bulk chemical storage facility at RBMR
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 800 000

Location: Mpumalanga, South Africa
 Project duration & year: 2020 – Ongoing
 Client: Anglo American Platinum RBMR
 Name of Project: Environmental Authorisation for the construction and operation of a Reverse Osmosis Plant at Anglo's RBMR Plant
 Project Description: Application for an Environmental Authorisation for the construction and operation of a Reverse Osmosis Plant at Anglo's RBMR Plant
 Job Title and Duties: Technical Support to Compilation of the Application; Public Participation and Administration
 Value of Project: R 400 000

Location: Gauteng, South Africa
 Project duration & year: 2019 – Ongoing
 Client: Department of Public Works
 Name of Project: Upgrade and refurbishment of the Baviaanspoort Pipeline
 Project Description: Application for an Environmental Authorization and Water Use Authorisation for the proposed refurbishment of the Baviaanspoort Wastewater Pipeline
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 500 000

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: Coalbrook Free State Province, South Africa
 Project duration & year: 2019
 Client: Seriti Coal (Pty) Ltd
 Name of Project: Closure Certificate for the Coal Brook Coal Mine
 Project Description: Closure Certificate for the Coal Brook Coal Mine
 Job Title and Duties: Technical Support to Compilation of reports and assessment in terms of the MPRDA regulations. and application forms
 Value of Project: R 300 000

Location: Emfuleni, Gauteng Province, South Africa
 Project duration & year: 2019
 Client: SA Block (Pty) Ltd
 Name of Project: Water Use License for the proposed abstraction of water from a borehole.
 Project Description: Water Use License Application and Stakeholder Engagement
 Job Title and Duties: Compilation of Water Use License documentation.
 Value of Project: R 100 000

Location: Vierfontein, Free State Province, South Africa
 Project duration & year: 2019
 Client: Clinker Supplies (Pty) Ltd
 Name of Project: Water Use License for the proposed abstraction of water from a borehole.
 Project Description: Technical Support; Public Participation and Administration
 Job Title and Duties: Water Use License Application and Stakeholder Engagement
 Value of Project: R 100 000

Location: Limpopo, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Universal Coal Development V (Pty) Ltd (UCDV)
 Name of Project: Mining Right Application for the proposed coal mine at Cygnus 549MS
 Project Description: Application for a mining right and associated applications for an Environmental Authorisation, Waste Management Licence and Water Use Authorisation for the proposed green fields coal mine at Cygnus 549MS, Makhado Local Municipality
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 4.5 million

Location: South Africa
 Project duration & year: 2018 – Ongoing
 Client: Sasol South Africa (Pty) Ltd
 Name of Project: Basic Assessment for Sasol Tankfarm Tanks Project
 Project Description: Application for an Environmental Authorisation for Sasol's Clean Fuels (2) Tankfarm Tanks Project
 Job Title and Duties: Technical Support to Compilation of the Application; Basic Assessment Report Public Participation and Administration
 Value of Project: R 600 000

Location: South Africa
 Project duration & year: 2018 – Ongoing
 Client: Department of Public Works
 Name of Project: Water Use Licence Application for the upgrade and refurbishment of DPW's Wastewater Treatment Works
 Project Description: Application for a Water Use Licence for the upgrade and refurbishment of DPW's 10 Wastewater Treatment Works in Gauteng and Mpumalanga
 Job Title and Duties: Technical Support to Compilation of the Application; Technical Reports and Administration
 Value of Project: R 2.0 million

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: Sasol, South Africa
 Project duration & year: 2018 – Ongoing
 Client: Sasol South Africa (Pty) Ltd
 Name of Project: Waste Management Licence Application for FAD6 cement-ash mixing plant
 Project Description: Application for a Waste Management Licence Application for the proposed FAD6 cement-ash mixing plant
 Job Title and Duties: Technical Support to Compilation of the Application; Scoping and EIA Report and Administration
 Value of Project: R 400 000

Location: Secunda, Mpumalanga Province, South Africa
 Project duration & year: 2018
 Client: Sasol South Africa Limited
 Name of Project: Sasol Waste Ash Audits
 Project Description: Technical Support
 Job Title and Duties: Conducting audits on the Sasol waste ashes sites in terms of the waste license as well as sections in terms of the norms and standards for storage of waste.
 Value of Project: R 80 000

Location: Gauteng, South Africa
 Project duration & year: 2018
 Client: First Land Developments
 Name of Project: Zwavelpoort Housing Development
 Project Description: Water Use Licence Application for a Housing Development in Zwavelpoort, Pretoria
 Job Title and Duties: Technical Support to Compilation of the Water Use Licence Technical Report and application forms
 Value of Project: R 150 000

Location: Gauteng, South Africa
 Project duration & year: 2018
 Client: Heric Ferrochrome Mine
 Name of Project: External Audit for the Heric Mine Water Use Licence
 Project Description: External Audit for the Heric Mine Water Use Licence
 Job Title and Duties: External Auditor
 Value of Project: R 40 000

Location: Free State, South Africa
 Project duration & year: 2017 – 2018
 Client: Manyeleti Consulting (Pty) Ltd
 Name of Project: Manyeleti Prospecting Right Application
 Project Description: Application for a prospecting right for coal in the Free State Province
 Job Title and Duties: Technical Support to Compilation of the Basic Assessment Report and Public Participation Process
 Value of Project: N/A

Location: Mpumalanga, South Africa
 Project duration & year: 2017 – 2018
 Client: Exxaro Coal
 Name of Project: Environmental Authorisation processes at Exxaro Coal Central (ECC) Dorstfontein East Coal Mine
 Project Description: Application for a Water Use Licence for the expansion of the Dorstfontein East Coal Mining Operation
 Job Title and Duties: Technical Support to Compilation of the Integrated Water and Waste Management Plan.
 Value of Project: R 400 000

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: Limpopo, South Africa
 Project duration & year: 2017
 Client: Universal Coal
 Name of Project: Application for an Environmental Authorisation for the establishment of the Berenice Coal Mine in Limpopo
 Project Description: Review of the Environmental Authorisation Processes and Documentation for the Berenice Coal Project
 Job Title and Duties: Review of reports, process coordination and providing technical support to the EIA team.
 Value of Project: R 400 000

Location: Rustenburg, North West Province, South Africa
 Project duration & year: 2017 - 2018
 Client: Royal Bafokeng Platinum Limited
 Name of Project: Basic Assessment Process for the proposed Styldrift Conveyor Belt extension.
 Project Description: Technical Support to Compilation of the Basic Assessment Report; Public Participation and Administration
 Job Title and Duties: Compilation of reports and assessment in terms of the NEMA regulations.
 Value of Project: R 900 000

Location: Johannesburg, Gauteng, South Africa
 Project duration & year: 2016 – Ongoing
 Client: Johannesburg Roads Agency (JRA)
 Name of Project: Braamfontein Spruit Rehabilitation Study
 Project Description: Rehabilitation study for the Braamfontein Spruit
 Job Title and Duties: Surface water sampling
 Value of Project: R 5.5 million

Location: Ekurhuleni, Gauteng, South Africa
 Project duration & year: 2016 – Ongoing
 Client: Ekurhuleni Local Municipality
 Name of Project: Boksburg Lake Rehabilitation Plan and Associated Authorisations
 Project Description: Compilation of a rehabilitation plan and conducting of the associated environmental authorisation application processes
 Job Title and Duties: Support to Compilation of the Basic Assessment Report; Public Participation and Administration
 Value of Project: R 2.3million

Location: Mpumalanga, South Africa
 Project duration & year: 2016
 Client: Universal Coal Investments
 Name of Project: Environmental Management Plan consolidation for the Roodekop Mining Area
 Project Description: EMP Amendment and Consolidation for the Roodekop Mining Area
 Job Title and Duties: Technical Support and Administration
 Value of Project: R 300 000

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: Limpopo, South Africa
 Project duration & year: 2015 – 2020
 Client: Foskor (Pty) Ltd
 Name of Project: Groundwater Monitoring for Foskor
 Project Description: Annual Groundwater Monitoring for Foskor
 Job Title and Duties: Field Sampling Assessment of Groundwater Results and compilation of the groundwater monitoring report for the year 2015-2020
 Value of Project: R 120 000

Location: Rustenburg, North West, South Africa
 Project duration & year: 2015 - 2016
 Client: Omnia Fertiliser (Pty) Ltd
 Name of Project: Decommissioning of the Omnia Fertiliser Plant
 Project Description: Environmental Authorisation and Management Plan for the Decommissioning of the Omnia Fertiliser Plant.
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 250 000

Location: Gauteng, South Africa
 Project duration & year: 2015 - 2016
 Client: Seton AuthoLeather (Pty) Ltd
 Name of Project: Commissioning of the Filter Press Plant and decommissioning of the sludge drying beds.
 Project Description: Waste License and Management Plan for the Decommissioning of the sludge drying beds and commissioning of the Filter Press Plant.
 Job Title and Duties: Technical Support to Compilation of the Basic Assessment Report; Public Participation and Administration
 Value of Project: R 250 000

Location: Gauteng and North West Provinces, South Africa
 Project duration & year: 2014 - 2015
 Client: Eskom Holdings SOC Ltd
 Name of Project: Eskom Basic assessment for construction of Substation and Power lines in Hekpoort
 Project Description: SRK Consulting has been consulted by Eskom to conduct a Basic Assessment to get authorisation to construct a substation in Cashan as well as a power line to the existing Hekpoort substation.
 Job Title and Duties: Technical Support in compilation of the Basic Assessment; Public Participation and Administration
 Value of Project: R 600 000.00

Location: Hammanskraal; Gauteng, South Africa
 Project duration & year: 2014 - 2016
 Client: Eskom Holdings SOC Limited
 Name of Project: Eskom Kekana Bar
 Project Description: Environmental Authorisation for the proposed Substations and Power Line Project
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 89 310.00

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: Eastern Cape, South Africa
 Project duration & year: 2014 - 2016
 Client: BVI Engineers & Department of Water Affairs (Eastern Cape)
 Name of Project: Skoenmakers River Rehabilitation for the River Crossing.
 Project Description: Environmental Authorisation for the Rehabilitation of River Crossing for Skoenmakers River.
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: N/A

Location: Rustenburg, North West Province, South Africa
 Project duration & year: 2014
 Client: Royal Bafokeng Platinum Limited
 Name of Project: Styldrift No. 2 Shaft Environmental Authorisation and Water Use License
 Project Description: Development of stakeholder database, Stakeholder correspondence (Compiling notification letters; proof reading, editing and formatting of reports and documentation, Preparation and logistics of meetings, maintenance of filing systems according to ISO standards and Compilation of stakeholder correspondence (telephonic, facsimile & e-mail & Sms)
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 3 million

Location: Rustenburg, North West, South Africa
 Project duration & year: 2013 – 2015
 Client: Royal Bafokeng Platinum (Pty) Ltd
 Name of Project: EMPR amendment for the inclusion of portions of the farm Frischgewaagd 96 JQ into the Styldrift Mining Right.
 Project Description: EMPR amendment for the inclusion of portions of the farm Frischgewaagd 96 JQ into the Styldrift Mining Right.
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R 300 000

Location: Rustenburg, North West, South Africa
 Project duration & year: 2013 – 2015
 Client: Royal Bafokeng Platinum (Pty) Ltd
 Name of Project: EIA and EMPR Amendment for the proposed extended Tailings Storage Facility and associated infrastructure.
 Project Description: EIA/EMPR Amendment
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: R1.5 million

Location: Mpumalanga, South Africa
 Project duration & year: 2013 - 2014
 Client: Izusa Carriers (Pty) Ltd
 Name of Project: Izusa BA
 Project Description: The Rectification of Unlawful Commencement or Continuation of a Listed Activity in Terms of S24g Of the National Environmental Management Act, 1998 (Act No. 107 Of 1998); Development of A Truck Depot Facility on Portion 5 Of the Farm Oorsprong 178 Ju; Mpumalanga.
 Job Title and Duties: Technical Support; Public Participation and Administration
 Value of Project: N/A

Vusimuzi Masango

Environmental Consultant

Key Experience: Stakeholder Engagement and Environmental Management Support

Location: Limpopo & Mpumalanga, South Africa
Project duration & year: 2011 - 2012
Client: National Disaster Management Centre
Name of Project: Verification of flood damaged infrastructure
Project Description: GPS based flood damage survey
Job Title and Duties: Responsible for Data collection
Value of Project: R 2 400 000,00

Anthoneth Matlala

Junior Environmental Science



Profession	Environmental Scientist
Education	B.Sc. (Hons) Environmental Management, UNISA, 2022 B.Sc. Life and Environmental Science, UJ, 2014
Registrations/ Affiliations	SACNASP, Cand.Nat. Sci. 121047 EAPASA, Cand. EAP, 2020/1161 IAIASA, Member, 6737 WISA, Member, 40484
Awards	None

Specialisation

Environmental Impact Assessments (Basic Assessments, Scoping and EIA's); Environmental Management Programme (EMP); Stakeholder Engagement; Water Use License; Waste Management License, Atmospheric Emission License; Environmental Compliance Audits; Basic GIS Mapping; Project management (MS Projects Planning).

Expertise

Anthoneth Matlala has more than 3 years of integrated environmental management and project management experience. Her experience includes compiling environmental management programmes, undertaking public participation processes, providing basic geographic information system (GIS) services and undertaking the processes and assessments to support applications for environmental authorisations, water use licences, waste management licences and air emission licences, for roads, power lines, power stations, dams, housing developments, schools in South Africa. Her expertise includes:

- Scoping and Environmental Impact Assessments.
- Basic Assessment Reports.
- Section 24 G Applications.
- Environmental Management Programmes.
- Waste Management Licenses.
- Water Use License.
- Environmental Compliance Audits.
- Atmospheric Emission License.
- Stakeholder Engagement and Public Participation Process.
- Project Management and Coordination.

Employment

2022-Present	SRK Consulting (Pty) Ltd, Junior Environmental Scientist, Pretoria
2020-2022	BJ-FC Consulting Engineers cc, Senior Environmental Consultant, Johannesburg & Durban
2019-2020	Sazi Environmental Consulting cc, Junior Environmental Consultant, Johannesburg
2018-2019	Sazi Environmental Consulting cc, Intern Environmental Consultant, Johannesburg

Publications

None

Languages

English – read, write, speak
Sepedi – read, write, speak
IsiZulu – read, speak

Key Experience: Environmental Impact Assessments and Water Use Licenses

Location:	Gauteng, South Africa
Project duration & year:	2022
Client:	Department of Public Works
Name of Project:	The construction and operation of a wastewater pipeline between the Baviaanspoort Correctional Services Facility Pump Station and the Baviaanspoort Municipal Wastewater Treatment Works
Project Description:	Environmental Authorisation application
Job Title and Duties:	Technical Support: Final Basic Assessment report compilation
Value of Project:	Unknown
Location:	Richards Bay Industrial Development Zone, KwaZulu-Natal, South Africa
Project duration & year:	2022 – present
Client:	Nyanza Light Metals (Pty) Ltd
Name of Project:	The proposed 80 ktpa TiO ₂ Plant (Phase 2) in the Richard's Bay Industrial Development Zone, KwaZulu-Natal
Project Description:	Obtaining an EA, WUA, WML, and AEL for the proposed project development
Job Title and Duties:	Technical Support – Report writing (IWWMP Report), Application form compilation,
Value of Project:	Unknown
Location:	Scottburgh, KwaZulu-Natal, South Africa
Project duration & year:	2021
Client:	KZN Department of Transport
Name of Project:	The Slip Repair on road P3-1 at Km 69.00, within the eThekweni Metropolitan Municipality, in KwaZulu-Natal Province.
Project Description:	Environmental Authorisation Application for the rehabilitation of slip through installation of gabion and other erosion control infrastructure.
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services. WUL- Compilation of all Water Use License Reports and Liaison with Competent Authorities.
Value of Project:	Unknown
Location:	Newcastle, KwaZulu-Natal, South Africa
Project duration & year:	2020-2021
Client:	Boomzicht Landgoed (Pty) Ltd t/a Hofina Poultry
Name of Project:	The proposed developments within Vreede 4317/HS Farm in Newcastle Local Municipality, Under Amajuba District Municipality; Kwazulu-Natal
Project Description:	Construction of a Dam, Chicken sheds, Sheep sheds, and associated infrastructure.
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services. WUL- Compilation of all Water Use License Reports and Liaison with Competent Authorities
Value of Project:	Unknown
Location:	Lothair, Mpumalanga, South Africa.
Project duration & year:	2020
Client:	Transnet SOC Ltd
Name of Project:	The proposed residential area development in Lothair
Project Description:	The relocation of a small residential area located near a railway line 5km from their initial area.
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services. WUL- Compilation of all Water Use License Reports and Liaison with Competent Authorities
Value of Project:	Unknown

Location:	Tsakane, Gauteng, South Africa
Project duration & year:	2018-2020
Client:	Eskom Holdings SOC Ltd
Name of Project:	The new Madoda substation and 2x 88kV Powerlines
Project Description:	The construction of a substation and 2 Powerlines
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services. WUL- Compilation of all Water Use License Reports and Liaison with Competent Authorities
Value of Project:	Unknown
Location:	uThukela District Municipality, KwaZulu-Natal, South Africa
Project duration & year:	2019-2020
Client:	Sydwal (Pty) Ltd
Name of Project:	uThukela District Municipality Springs Protection and Appurtenant Works
Project Description:	Protection of spring/wells with structures, Installation of pipelines (from springs) and reservoir.
Job Title and Duties:	EA- Support to Compilation of the Basic Assessment Report; Public Participation and Administration. WUL- Support to Compilation of all Water Use License Reports.
Value of Project:	R321 247.85
Location:	Esselen Park, Gauteng, South Africa
Project duration & year:	2019
Client:	Complete cycle JV Ilungelo Lami
Name of Project:	Esselen Park Community Clinic
Project Description:	The construction of a community clinic
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services. WUL- Compilation of all Water Use License Reports and Liaison with Competent Authorities.
Value of Project:	
Location:	Reiger Park, Gauteng, South Africa
Project duration & year:	2018-2019
Client:	Zingeni Consulting Engineers
Name of Project:	Reiger Park Primary School
Project Description:	Construction of a primary school, with change of asbestos roofing.
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services.
Value of Project:	R261 750.00
Location:	Gauteng, South Africa
Project duration & year:	2018-2019
Client:	Silverhorns Consulting
Name of Project:	Rehabilitation of Natalspruit Catchment
Project Description:	Cleaning a river catchment.
Job Title and Duties:	EA- EAP- Compilation of all EIA documents, liaison with Stakeholders and Competent Authorities, Public Participation Process, GIS services. WUL- Compilation of all Water Use License Reports and Liaison with Competent Authorities.
Value of Project:	Unknown
Location:	Roodepoort, Gauteng, South Africa
Project duration & year:	2018-2019
Client:	SECO Projects
Name of Project:	Durban Deep Primary School
Project Description:	Construction of a primary school, with change of asbestos roofing.

Job Title and Duties: EA- EAP- Compilation of Environmental Management Programme
 Value of Project: Unknown

Location: Gauteng, South Africa
 Project duration & year: 2018-2019
 Client: Rand Water
 Name of Project: The development of the K2 and K3 pipeline.
 Project Description: Construction of pipelines.
 Job Title and Duties: EA- Support to the EAP, Stakeholder engagement, and Liaison with Competent Authorities.
 Value of Project: R211 755.00

Key Experience: Water Use Licenses

Location: Gauteng, South Africa
 Project duration & year: 2022
 Client: Department of Public Works
 Name of Project: The Upgrade of the Centre for Advanced Training (CAT) Wastewater Treatment Plant.
 Project Description: Application for a Water Use Authorisation for the Upgrade of the Centre for Advanced Training (CAT) Wastewater Treatment Plant.
 Job Title and Duties: Technical Support: Water Use License Technical Report Compilation
 Value of Project: Unknown

Location: Gauteng, South Africa
 Project duration & year: 2022
 Client: Department of Public Works
 Name of Project: The upgrades at Baviaanspoort Correctional Services Sewage Pump Station, the Prison Piggery Pre-Treatment Plant, and Baviaanspoort Municipal WWTW.
 Project Description: Application for a Water Use Licence for the upgrades at Baviaanspoort Correctional Services Sewage Pump Station, the Prison Piggery Pre-Treatment Plant, and Baviaanspoort Municipal WWTW.
 Job Title and Duties: Technical Support: Water Use License Technical Report Compilation
 Value of Project: Unknown

Location: Newcastle, KwaZulu-Natal, South Africa
 Project duration & year: 2020-2021
 Client: Rust en Vreede Farming Pty Ltd
 Name of Project:
 Project Description: Construction of chicken sheds and associated infrastructure
 Job Title and Duties: WUL - Compilation of all Water Use License Reports and Liaison with Competent Authorities
 Value of Project: Unknown

Location: Mpumalanga, South Africa
 Project duration & year: 2019
 Client: GreenGab
 Name of Project: Anglo Coal South Africa - Detailed Design of Wetland Interventions for Isibonelo Colliery
 Project Description: Wetland rehabilitation
 Job Title and Duties: WUL (General Authorization)- Compilation of all Water Use License Reports and Liaison with Competent Authorities
 Value of Project: R25 000.00

Location: Dundee, KwaZulu-Natal, South Africa
 Project duration & year: 2018-2019
 Client: Dreykon Trust
 Name of Project: WULA for Ingudlane Lodge, Endumeni Local Municipality
 Project Description: Licensing of existing dams within the Ingudlane Lodge property

Job Title and Duties: WUL - Compilation of all Water Use License Reports and Liaison with Competent Authorities
 Value of Project: Unknown

Key Experience: Environmental Compliance Audits

Location: Lichtenburg, Northwest, South Africa
 Project duration & year: 2021- ongoing
 Client: ESKOM SOC Ltd
 Name of Project: Re-Routing of 132kv Lines and associated infrastructure at the Watershed substation near Lichtenburg, within Ditsobotla Local Municipality; Northwest Province.
 Project Description: Re-Routing of 132kv Lines and associated infrastructure
 Job Title and Duties: ECO Support - Documentation Review (Weekly and Monthly Audit report review)
 Value of Project: Unknown

Location: Nkandla, KwaZulu-Natal, South Africa
 Project duration & year: 2021- on going
 Client: Department of Transport (KZN)
 Name of Project: The Rehabilitation of P706, within King Cetshwayo District Municipality; Kwazulu-Natal Province.
 Project Description: Construction of P706 route from gravel to asphalt
 Job Title and Duties: ECO - Audit Checklist compilation, Field assessment, and Audit report compilation
 Value of Project: R25 000/ month

Location: Isipingo, KwaZulu-Natal, South Africa
 Project duration & year: 2020
 Client: Department of Transport (KZN)
 Name of Project: Rehabilitation of P197/1 in Isipingo within eThekweni Metropolitan Municipality.
 Project Description: Rehabilitation of the P197/1 route
 Job Title and Duties: ECO Support – Assist in Audit Checklist compilation, Field assessment, and Audit report review.
 Value of Project: Unknown

Key Experience: Waste Management License and Atmospheric Emission License

Location: Johannesburg, Gauteng, South Africa.
 Project duration & year: 2018-2020
 Client: KOPM Group
 Name of Project: Solomon "stix" Morewa Hospital small scale Incinerator
 Project Description: Construction of an incinerator
 Job Title and Duties: EAP- Compiling Waste license application and Atmospheric Emission License forms and supporting documents (EIA process). Liaison Competent Authorities. Public Participation.
 Value of Project: Unknown

Key Experience: Wetland Assessments

Location: Kriel, Mpumalanga, South Africa
 Project duration & year: 2021
 Client: Sasol
 Name of Project: The proposed Rehabilitation of a Sasol 16" Gas Pipeline Washaway in the Mpumalanga Area.
 Project Description: Rehabilitation of a gas pipe, located within a water resource.
 Job Title and Duties: Field Wetland assessment and Delineation, Report compilation, and Risk Matrix Assessment.

Value of Project:	Unknown
Location:	Gauteng, South Africa
Project duration & year:	2021
Client:	Sasol
Name of Project:	The Sasol 12" SOP Defects Verification and Repairs, within the City of Ekurhuleni, Gauteng Province
Project Description:	Rehabilitation of pipeline crossing water resources.
Job Title and Duties:	Field Wetland assessment and Delineation, Report compilation, and Risk Matrix Assessment.
Value of Project:	Unknown
Location:	Kanana Park, Gauteng, South Africa
Project duration & year:	2021
Client:	MVE Consulting Engineers
Name of Project:	The proposed upgrade of gravel roads to surface standard inclusive of associated stormwater, within Kanana Park extension 1 and 2, in Gauteng Province
Project Description:	Installation of stormwater infrastructure
Job Title and Duties:	Field Wetland assessment and Delineation, and Report compilation.
Value of Project:	Unknown
Location:	Ermelo, Gauteng, South Africa
Project duration & year:	2021
Client:	Ndlelenhle Mining and Consulting
Name of Project:	The proposed mining rights areas within Wesselton II, in the Ermelo District; Mpumalanga Province
Project Description:	Application for mining rights
Job Title and Duties:	Field Wetland assessment and Delineation, and Report compilation.
Value of Project:	Unknown
Location:	Lephalale, Limpopo, South Africa
Project duration & year:	2021
Client:	Ndlelenhle Mining and Consulting
Name of Project:	The Proposed Mining Areas in Smithfield 150/LQ, Schoonzicht 192/LQ and Nieuwe Holland 206/LQ Farms, within Lephalale Local Municipality; Limpopo Province.
Project Description:	Application for mining rights
Job Title and Duties:	Field Wetland assessment and Delineation, Report compilation, and Risk Matrix Assessment.
Value of Project:	Unknown
Location:	Mpumalanga, South Africa
Project duration & year:	2021
Client:	Ndlelenhle Mining and Consulting
Name of Project:	The proposed mining rights area application in Portion 4 of De Wittekrans 218/IS Farms, within Msukaligwa Local Municipality; Mpumalanga Province.
Project Description:	Application for mining rights
Job Title and Duties:	Field Wetland assessment and Delineation, and Report compilation.
Value of Project:	Unknown
Location:	Newcastle, KwaZulu-Natal, South Africa
Project duration & year:	2020
Client:	Boomzicht Landgoed (Pty) Ltd t/a Hofina Poultry
Name of Project:	The proposed developments within Vreede 4317/HS Farm in Newcastle Local Municipality, Under Amajuba District Municipality; Kwazulu-Natal
Project Description:	Construction of a Dam, Chicken sheds, Sheep sheds, and associated infrastructure.
Job Title and Duties:	Field Wetland assessment and Delineation, and Report compilation.

Value of Project: Unknown

Location: Witbank, Mpumalanga, South Africa
 Project duration & year: 2019
 Client: Geo-vicon Environmental (Pty) Ltd
 Name of Project: Witbank 209/IS Farm Wetland Assessment and Delineation
 Project Description: Application for mining rights
 Job Title and Duties: Field Wetland assessment and Delineation, and Report compilation.
 Value of Project: Unknown

Location: Mpumalanga, South Africa
 Project duration & year: 2019
 Client: Geo-vicon Environmental (Pty) Ltd
 Name of Project: Klipfontein 568-JR Farm Wetland Assessment
 Project Description: Application for mining rights
 Job Title and Duties: Field Wetland assessment and Delineation, and Report compilation.
 Value of Project: Unknown

Location: Mpumalanga, South Africa
 Project duration & year: 2019
 Client: Geo-vicon Environmental (Pty) Ltd
 Name of Project: Kromdraai Colliery Wetland Assessment and Delineation Report.
 Project Description: Application for mining rights
 Job Title and Duties: Field Wetland assessment and Delineation, and Report compilation.
 Value of Project: Unknown

Location: Mpumalanga, South Africa.
 Project duration & year: 2019
 Client: Geo-vicon Environmental (Pty) Ltd
 Name of Project: Eyethu Coal Mine Wetland Off-set strategy
 Project Description: Wetland offset strategy
 Job Title and Duties: Support- Compilation of Off-set strategy plans, Field Wetland assessment and Delineation of potential wetlands, and Report compilation.
 Value of Project: Unknown

Location: uThukela District Municipality, KwaZulu-Natal, South Africa
 Project duration & year: 2019
 Client: Sydwalk (Pty) Ltd
 Name of Project: uThukela District Municipality Springs Protection and Appurtenant Works
 Project Description: Protection of spring/wells with structures, Installation of pipelines (from springs) and reservoir.
 Job Title and Duties: Field Wetland assessment and Delineation, and Report compilation.
 Value of Project: Unknown

Key Experience: Biodiversity Assessment

Location: Scottburgh, KwaZulu-Natal, South Africa
 Project duration & year: 2021
 Client: KZN Department of Transport
 Name of Project: The Slip Repair on road P3-1 at Km 69.00, within the eThekweni Metropolitan Municipality, in KwaZulu-Natal Province.
 Project Description: The rehabilitation of slip through installation of gabion and other erosion control infrastructure.
 Job Title and Duties: Field ecological assessment, and Report compilation.
 Value of Project: Unknown

Location: Middelburg, Mpumalanga, South Africa
 Project duration & year: 2020
 Client: Philo Environmental Management

Name of Project: Biodiversity Assessment for the Mining Area in Graspan Colliery, within the Middelburg Mining Complex; Mpumalanga Province.
 Project Description: Mining rights application.
 Job Title and Duties: Field ecological assessment, and Report compilation.
 Value of Project: Unknown

Location: Lephalale, Limpopo, South Africa
 Project duration & year: 2019
 Client: Ndlelenhle Mining and Consulting
 Name of Project: Biodiversity Assessment for the Proposed Mining areas in Smithfield 150/LQ, Schoonzicht 192/LQ, and Nieuwe Holland 206/LQ.
 Project Description: Mining rights application.
 Job Title and Duties: Field ecological assessment, and Report compilation.
 Value of Project: Unknown

Key Experience: Aquatic Assessment

Location: Newcastle, KwaZulu-Natal, South Africa
 Project duration & year: 2020
 Client: Boomzicht Landgoed (Pty) Ltd t/a Hofina Poultry
 Name of Project: The proposed developments within Vreede 4317/HS Farm in Newcastle Local Municipality, Under Amajuba District Municipality; Kwazulu-Natal
 Project Description: Construction of a Dam, Chicken sheds, Sheep sheds, and associated infrastructure.
 Job Title and Duties: Support – Assist with field assessment and Report review.
 Value of Project: Unknown

Location: Tongaat, KwaZulu-Natal, South Africa
 Project duration & year: 2019
 Client: Pious and Lloyd Environmental Consultants
 Name of Project: Tongaat Aquatic Assessment
 Project Description: Sand mine within a water resource
 Job Title and Duties: Support – Assist with field assessment and Report review.
 Value of Project: Unknown

Marissa Swart

Environmental Scientist



Profession	Environmental Scientist
Education	BSc (Hons) Geography and Environmental Science, University of Pretoria, 2020 BSc Environmental Science, University of Pretoria, 2019
Registrations/ Affiliations	Student, University of Pretoria, 17012148 SACNASP, South Africa, 150943 IAIA, South Africa, 6894 WISA, South Africa, 40489
Awards	Golden Key Award, Exceptional Achievers Award, NATHouse Exemplary Honours Award

Specialisation	Environmental Compliance Audits, Environmental Management Plans, Scoping and Environmental Impact Assessments
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Expertise	Marissa has recently started gaining experience in the environmental, mining, and industrial sectors. She has currently been employed for four months. Her expertise includes: <ul style="list-style-type: none"> • EMPR compliance audits • Scoping & EIA
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Employment	
2022 – present	SRK Consulting (South Africa) (Pty) Ltd Environmental Scientist, Pretoria

Publications	None as of yet
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Languages	Afrikaans – read, write, speak English – read, write, speak
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Marissa Swart

Environmental Scientist

Key Experience: Environmental Management and Control

Location: Rustenburg, North West, South Africa
 Project duration & year: 1.5 month / 2022
 Client: Royal Bafokeng Platinum Limited
 Name of Project: Maseve Platinum Mine EMPR Audit
 Project Description: Audit compliance to the Maseve Mine EMPR and Environmental Authorisation
 Job Title and Duties: Junior Environmental Scientist
 Value of Project: R

Location: Boekenhoutskloof Military Bases, Gauteng, South Africa
 Project duration & year: 1 month / 2022
 Client: Department of Public Works
 Name of Project: Application for a Water Use Authorisation for the Boekenhoutskloof Wastewater Treatment Works
 Project Description: Obtaining a WUA for the maintenance and refurbishment of the Boekenhoutskloof WWTW
 Job Title and Duties: Junior Environmental Scientist – Report Updating
 Value of Project: R

Location: Toitskraal Military Base, Mpumalanga, South Africa
 Project duration & year: 0.5 month / 2022
 Client: Department of Public Works
 Name of Project: Application for a Water Use Authorisation for the Toitskraal Wastewater Treatment Works
 Project Description: Obtaining a WUA for the maintenance and refurbishment of the Toitskraal WWTW
 Job Title and Duties: Junior Environmental Scientist – Report Updating
 Value of Project: R

Location: Richards Bay Industrial Development Zone, KwaZulu-Natal, South Africa
 Project duration & year: 2022 – present
 Client: Nyanza Light Metals (Pty) Ltd
 Name of Project: Application for Environmental and Water Use Authorisations, Waste Management and Air Emission Licences for the proposed 80 ktpa TiO₂ Plant (Phase 2) in the Richard's Bay Industrial Development Zone, KwaZulu-Natal
 Project Description: Obtaining an EA, WUA, WML, and AEL for the proposed project development
 Job Title and Duties: Technical Support – report writing
 Value of Project: R

Location: Stilfontein, North West, South Africa
 Project duration & year: 2022 – present
 Client:
 Name of Project: Basic Assessments (BAs) for Solar Energy Facilities in the Stilfontein Cluster, Stilfontein, North West Province
 Project Description: Conducting 13 Basic Assessments and a Heritage Approval to establish solar energy facilities in the Klerksdorp Renewable Energy Development Zone (REDZ).
 Job Title and Duties: Put up site notices and deliver pamphlets to local residents.
 Value of Project: R