

Michelle Miles

Environmental Scientist



Profession	Environmental Science and Management
Education	BSc (Hons) Environmental Water Management), Rhodes University, 2013 BSc, (Geography and Environmental Science), Rhodes University, 2014
Registrations/ Affiliations	Member, EAPASA, 2020/1057
Awards	None

Specialisation

Environmental project management; environmental and social impact assessments, Environmental advisory, environmental construction management.

Expertise

Michelle has 5 years' experience within the environmental science and management field. She has been involved in a various aspect of projects ranging from concept studies all the way through to environmental construction management. Michelle has experience in conducting environmental legal reviews as well as environmental permitting processes such as Environmental Impact Assessments and Basic Assessments. Her experience include:

- Environmental authorisations such as Basic Assessments and Environmental Impact Assessments as well as other associated environmental permits
- Environmental Baseline Assessments
- Environmental design criteria as well as permitting strategies
- Construction environmental management plans
- Independent weekly audit report for construction
- Legislative reviews of various countries
- Geographical information systems (GIS) analyses
- Waste management plans
- Water monitoring sampling and analysis
- Environmental Compliance Auditing

Employment

2021 – present	SRK Consulting (Pty) Ltd, environmental Scientist, Johannesburg
2016 – 2021	Hatch Africa (Pty) Ltd, Intermediate Environmental Advisor, Johannesburg

Publications

None

Languages

English – read, write, speak (excellent)
Afrikaans – read, speak (fair)

Michelle Miles

Environmental Scientist

Key Experience: Environmental permitting

Location:	Northern Cape, South Africa
Project duration & year:	2021 - 2022
Client:	Kudumane Manganese Resources (KMR)
Name of Project:	Kudumane Integrated Environmental Authorisation
Project Description:	Twp Environmental Impact Assessment for the Kudumane Manganese Resources Expansion Projects
Job Title and Duties:	<ul style="list-style-type: none"> • Environmental coordinator • Assistance with the compilation of the EIA and EMPr Reports • Public participation and stakeholder engagement • Client liaison
Value of Project:	R1.6 million
Location:	Mokopane, Limpopo, South Africa
Project duration & year:	2021 - 2022
Client:	Anglo American Platinum
Name of Project:	North Waste Rock Dump Basic Assessment
Project Description:	Basic Assessment for the proposed Mogalakwena Complex North Waste Rock Dump.
Job Title and Duties:	<ul style="list-style-type: none"> • Environmental coordinator • Assistance with the compilation of the EIA and EMPr Report • Public participation and stakeholder engagement
Value of Project:	R 500 000
Location:	Mpumalanga, South Africa
Project duration & year:	2021 – Ongoing
Client:	Thungela Resources
Name of Project:	Proposed Elders Colliery
Project Description:	Scoping and Environmental Impact Assessment and Environmental Management Programme as well as a Water Use Licence for the Proposed Elders Colliery
Job Title and Duties:	<ul style="list-style-type: none"> • Environmental coordinator • Assistance with the compilation of the EIA and EMPr Report • Public participation and stakeholder engagement • Client liaison
Value of Project:	R 1.5 million
Location:	Mpumalanga, South Africa
Project duration & year:	2021 – Ongoing
Client:	Thungela Resources
Name of Project:	Clydesdale Pit Project
Project Description:	Scoping and Environmental Impact Assessment and Environmental Management Programme as well as a Water Use Licence for the Proposed Clydesdale Pit Project
Job Title and Duties:	Assistance in compiling the Scoping and EIA Report
Value of Project:	R 1 million

Michelle Miles

Environmental Scientist

Key Experience: Environmental permitting

Location: Thabazimbi, North West, South Africa
 Project duration & year: 2021 – Ongoing
 Client: Anglo American Platinum
 Name of Project: Amandelbult Integrated EA Project
 Project Description: Scoping and Environmental Impact Assessment and Environmental Management Programme as well as a Water Use Licence for five capital projects as well as Stay in Business projects
 Job Title and Duties: Environmental advisory
 Specialist co-ordination
 Client liaison
 Value of Project: R 3.5 million

Location: North West, South Africa
 Project duration & year: 2020 - 2021
 Client: Anglo American Platinum
 Name of Project: Mortimer SO2 Abatement Project
 Project Description: Feasibility and Revalidation Study for the Mortimer SO2 Abatement Project including a Section 29 (Part1) Amendment.
 Job Title and Duties:

- Project management
- Compilation of the Section 29 Amendment
- Client liaison
- Environmental advisory

 Value of Project: R500 000

Location: Richards Bay, KwaZulu Natal, South Africa
 Project duration & year: 2019 - 2020
 Client: Nyanza Light Metals,
 Name of Project: Nyanza TiO2 Pilot Plant,
 Project Description: Scoping and Environmental Impact Report as well as the associated Environmental Management for the Nyanza TiO2 Pilot Plant.
 Job Title and Duties:

- Junior Environmental Consultant
- Assistance with the compilation of the EIA and EMP Report
- Public participation and stakeholder engagement
- Client liaison

 Value of Project: R1.5 Million

Location: Redford Road, Western Cape, South Africa
 Project duration & year: 2019 - 2021
 Client: Western Cape Government: Road and Public Transport
 Name of Project: DR 1797 Road Upgrade Project
 Project Description: A Basic assessment to upgrade the DR 1797 Road in the Western Cape.
 Job Title and Duties:

- Project management
- Compilation of the Basic Assessment and Environmental Management Programme
- Stakeholder engagement

 General authorisation in terms of the National Water Act
 Value of Project: R500 000 in environmental fees

Michelle Miles

Environmental Scientist

Key Experience: Environmental permitting

Location: Welkom and Virginia, Free State Province, South Africa
 Project duration & year: 2017 - 2019
 Client: Matjhabeng Local Municipality,
 Name of Project: Nyakallong, Theronia and Virginia Waste Water Treatment Works Upgrade,
 Project Description: Scoping and Environmental Impact Report as well as the associated Environmental Management Plans for the upgrade of the Nyakallong, Theronia and Virginia Waste Water Treatment Works.
 Job Title and Duties:

- Junior Environmental Consultant
- Assistance with the compilation of the EIA and EMPr Report
- Public participation and stakeholder engagement

 Client liaison
 Value of Project: R 2.5 million in environmental fees

Location: Western Cape, South Africa
 Project duration & year: 2017 - 2018
 Client: Western Cape Government Roads
 Name of Project: Basic Assessment for the flood damage repairs to structures on the MR309 in Seweweekspoort Pass, Western Cape
 Project Description: Basic Assessment and Water Use Licence process for the upgrade and repair of 30 stormwater management structures along the MR309 road within the Seweweekspoort in the Western Cape.
 Job Title and Duties:

- Junior Environmental Consultant
- Assistance with the compilation of the EIA and EMPr Report
- Public participation and stakeholder engagement
- Client liaison

 Value of Project: R 250 000 in environmental fees

Location: Jericho Dam, Amsterdam, Mpumalanga Province, South Africa
 Project duration & year: 2017 - 2018
 Client: Department of Water and Sanitation
 Name of Project: Jericho Dam Pump Station Refurbishment
 Project Description: Basic Assessment for the construction of a new pump station to replace the existing pump station at the Jericho Dam which is a National Key Point.
 Job Title and Duties:

- Junior Environmental Consultant
- Assistance with the compilation of the EIA and EMPr Report
- Public participation and stakeholder engagement
- Client liaison

 Value of Project: R 216 000 in environmental fees

Key Experience Environmental Management and Advisory

Location: Rustenburg, North West, South Africa
 Project duration & year: 2021 - 2021
 Client: Anglo American Platinum
 Name of Project: PMR Silt Handling Sump
 Project Description: The relining of Dam 2 at the Precious Metal Refinery which required the construction of a silt sump
 Job Title and Duties:

- Client liaison
- Compilation of the Minimum applicability Checklist to be submitted to the NWDEDECT

 Value of Project: R 50 000

Michelle Miles

Environmental Scientist

Key Experience

Environmental Management and Advisory

Location: Polokwane, Limpopo, South Africa
 Project duration & year: 2021
 Client: Anglo American Platinum
 Name of Project: Conceptual Closure Plan for the Anglo American Platinum Polokwane Metallurgical Complex
 Project Description: Conceptual closure plan for the Polokwane Metallurgical Complex based on the Anglo American Platinum Closure Toolbox
 Job Title and Duties:

- Assistance in compiling the PMC closure plan

 Value of Project: R 30 000

Location: Saldanha Bay, Western Cape
 Gqeberha, Eastern Cape
 Richards Bay, Kwa-Zulu Natal, South Africa
 Project duration & year: 2021
 Client: AFRY Switzerland Ltd
 Name of Project: Project Karadeniz LTA 3 Powerships
 Project Description: Appointed lenders environmental due diligence team
 Job Title and Duties:

- Review of existing information
- Conducted sit visits to the various locations
- Assisted in compiling the technical due diligence

 Value of Project: Confidential

Location: Northern KwaZulu Natal, South Africa
 Project duration & year: 2020
 Client: Umkhanyakude District Municipality
 Name of Project: Wastewater Risk Abatement Plan
 Project Description: Compliance assessment of the Umkhanyakude District Municipality WWTW within Northern KwaZulu Natal.
 Job Title and Duties:

- Environmental Advisor
- Environmental reporting

 Environmental risk assessment
 Value of Project: R 500 000

Location: Secunda, Mpumalanga, South Africa
 Project duration & year: 2019
 Client: Sasol Technology Group,
 Name of Project: Coarse Ash Waste Disposal Project
 Project Description: Concept study for the expansion of the coarse ash dump at Sasol, Secunda.
 Job Title and Duties:

- Environmental Project Lead
- Compilation of an environmental Design Criteria

 Environmental permitting strategy
 Value of Project: R 200 000

Michelle Miles

Environmental Scientist

Key Experience

Environmental Management and Advisory

Location:	Richards Bay, KwaZulu Natal, South Africa
Project duration & year:	2018 - 2020
Client:	Rio Tinto
Name of Project:	Zulti South
Project Description:	The development of the Zulti South Project to mine the sand dune south of Richards Bay.
Job Title and Duties:	<ul style="list-style-type: none"> • Environmental Advisor • EPCM • Development of Construction Environmental Management Plans • Compilation of RACI matrix's • Procurement procedures Tender evaluation
Value of Project:	Confidential
Location:	Polokwane, Limpopo Province, South Africa
Project duration & year:	2017 – 2018
Client:	Anglo American Platinum
Name of Project:	SO ₂ Abatement Plant at Polokwane Smelter
Project Description:	Environmental Control Officer for the construction phase of the SO ₂ Abatement Plant.
Job Title and Duties:	Environmental Control Officer
Value of Project:	R 2.2 million in environmental fees
Location:	Mpumalanga, South Africa
Project duration & year:	2016 - 2017
Client:	Eskom
Name of Project:	Eskom Majuba Rail Project
Project Description:	External environmental auditor for the construction phase of the Eskom Majuba Railway line
Job Title and Duties:	<ul style="list-style-type: none"> • Environmental assistant • Water monitoring and reporting • Borrow pit permitting and closure
Value of Project:	R 2 million

MB 2019/10/02

Mandisa Buthelezi
Admitted Attorney of the High Court of South Africa
Commissioner of Oaths Ex Officio
Hatch Building, 58 Emerald Parkway Road
Greenstone Hill, Modderfontein
Republic of South Africa



CERTIFIED A TRUE
COPY OF THE
ORIGINAL

RHODES UNIVERSITY

THIS IS TO CERTIFY THAT

MICHELLE LOUISE KAYTON


WAS THIS DAY AT A CONGREGATION OF THE UNIVERSITY
ADMITTED TO THE DEGREE OF

BACHELOR OF SCIENCE

WITH HONOURS

IN

ENVIRONMENTAL WATER MANAGEMENT



VICE CHANCELLOR



ACTING DEAN OF THE FACULTY OF SCIENCE



REGISTRAR

GRAHAMSTOWN
9 APRIL 2015

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2020/1057

Herewith certifies that

Michelle Louise Kayton

is registered as an

Environmental Assessment Practitioner

***Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as
amended).***

Effective: 01 March 2022

Expires: 28 February 2023

Chairperson

Registrar

