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# CURRICULUM VITAE

## MADELEINE KNOETZE

### PERSONAL

**Profession:** Senior Environmental Assessment Practitioner  
**Nationality:** South African  
**Languages:** English & Afrikaans (read, write and speak) – Fluent  
**Drivers License:** Code B  
**EAPASA Registration:** No. 3230

### SUMMARY

Madeleine holds a Bachelor of Science in Environmental Sciences from the Nelson Mandela Metropolitan University obtained in 2014. She has 8 years' experience in the environmental field, she has proven competency in the compilation of environmental assessments, water use licence applications, legal compliance, on-site monitoring, rehabilitation reporting, aquatic impact assessments and Geographic Information Systems (GIS). To date she has completed numerous environmental assessments, management plans, licencing applications, aquatic assessments and audits within the private and governmental spheres. Madeleine is registered with EAPASA as a certified Environmental Practitioner (EAPASA #3230).

### WORK EXPERIENCE

#### October 2022 – Present: Sharples Environmental Services cc, Cape Town, WC

##### *Environmental Assessment Practitioner*

- Basic Assessments Reports;
- Environmental Impact Assessments;
- Environmental Management Programmes;
- Legislative documentation;
- Administration.

#### February 2015 – September 2022: Exigent Engineering Consultants CC, Johannesburg, GTN

##### *Environmental Assessment Practitioner and GIS Specialist*

- Management and compilation of GIS database;
- Advanced GIS Applications;
- Environmental Impact Assessments;
- Water Use License Applications;

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- Environmental Impact Assessments • Basic Assessments • Environmental Management Planning
  - Environmental Control & Monitoring • Water Use License Applications • Aquatic Assessments



- Environmental Monitoring/Auditing
- Stakeholder Engagement
- Rehabilitation and Monitoring Programmes
- Ecological and Wetland Assessments
- Project Management

## TERTIARY EDUCATION

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### 2014: Nelson Mandela Metropolitan Municipality

- Bachelor of Science Degree specialising in Environmental Sciences.

## ACCREDITATION / ASSOCIATION

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- EAPASA Registration: No. 3230
- Member IAIA South Africa

## KEY PROJECTS

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<b>2023</b>	Plettenberg Bay	Private Developer (ongoing)
	<ul style="list-style-type: none"> <li>• Scoping Report for a proposed mixed-use development in Kranshoek, Bitou Local Municipality.</li> </ul>	
<b>2023</b>	Plettenberg Bay	Private Developer (ongoing)
	<ul style="list-style-type: none"> <li>• Scoping Report for the proposed Kurland housing development on Erf 920, Kurland, Bitou Local Municipality.</li> </ul>	
<b>2023</b>	Plettenberg Bay	Private Developer (ongoing)
	<ul style="list-style-type: none"> <li>• Basic Assessment for the proposed Kurland Bulk Water infrastructure scheme in Bitou Local Municipality.</li> </ul>	
<b>2022/2023</b>	Cape Town	Allweld on behalf of Eskom (ongoing)
	<ul style="list-style-type: none"> <li>▪ Basic Assessment for the proposed construction of a reservoir located within the Koeberg Nuclear Power Station.</li> </ul>	
<b>2022/2023</b>	Oudtshoorn	Department of Infrastructure (ongoing)
	<ul style="list-style-type: none"> <li>▪ Basic Assessment for the proposed re-establishment of Trunk Road (TR75/1) near Oudtshoorn.</li> </ul>	
<b>2022/2023</b>	Mossel Bay	Confuel (Pty) Ltd
	<ul style="list-style-type: none"> <li>▪ Basic Assessment for the proposed establishment of a truck stop and associated infrastructure on Erf 56 and 57, Mossdundria</li> </ul>	
<b>2022/2023</b>	De Aar	Mulilo Renewable Energies (ongoing)
	<ul style="list-style-type: none"> <li>▪ Scoping and Environmental Impact Assessment for the proposed Hercules solar cluster near De Aar, Northern Cape.</li> </ul>	
<b>2022</b>	Northam	Spitskop Energy
	<ul style="list-style-type: none"> <li>▪ Scoping and Environmental Impact Assessment for the proposed Spitskop photovoltaic power plant located near Northam, Limpopo.</li> </ul>	
<b>2022</b>	Dealesville	Antlia Energy
	<ul style="list-style-type: none"> <li>▪ Basic Assessment for the proposed Good Hope 1 and 2 photovoltaic power plants located near Dealesville, Free State (Fell under the ambit of GN113).</li> </ul>	
<b>2022</b>	Richards Bay	
	<ul style="list-style-type: none"> <li>▪ Scoping Report for the proposed Thermal Energy Power Plant and associated infrastructure development in Richards Bay, KwaZulu-Natal.</li> </ul>	

- 2022** Midrand Central Developments
- Environment Control Officer for the external infrastructure associated with the proposed Extension 56 and 57 of Louwlandia, Midrand, Gauteng.
- 2021/2022** Pienaarsrivier MDV Developments
- Basic Assessment for the proposed Filling Station on Erf 425 and Erf 426 in Pienaarsriver, Bela-Bela Local Municipality.
- 2022** Johannesburg Central Developments
- Basic Assessment and Water Use Licence Application for the construction of the Proposed Residential Development on Holding 194 of Erand Agricultural Holdings and Portion 1687 (A Portion of Portion 9) of the Farm Randjesfontein No.405-Jr, City of Johannesburg.
- 2021/2022** Pretoria Snowy Owl Developments
- Basic Assessment for the Proposed Development of a Sewer Line for the Proposed Sammy Marks Township, City of Tshwane.
- 2021/2022** Johannesburg Central Developments
- Part 2 Amendment of the Environmental Authorisations Amendments to the proposed Northgate Mixed Use Development in North Riding, City of Johannesburg.
  - This project included the complex integrated design mapping, the compilation of an Operational Stormwater Management Programme.
- 2020/2022** Johannesburg Central Developments
- Part 2 Amendment of the Environmental Authorisation of the proposed Blue Hills housing development located in the City of Johannesburg.
- 2020** Derdepoort Central Developments
- Environment Control Officer for the external infrastructure associated with the residential developments located on Erf 452, Derdepoort, Gauteng.
- 2020** Johannesburg Central Developments
- Environment Control Officer for the external infrastructure associated with the proposed Northgate Mixed Use Development in North Riding, City of Johannesburg.
- 2020** Pretoria Central Developments
- Environment Control Officer for the external infrastructure associated with the residential developments at Bronberg X9 and X13, Gauteng.
- 2019** Empangeni Accurate Trading
- Basic Assessment for the proposed Filling Station and associated infrastructure of Erf 3961, Empangeni.
- 2018/2019** Richards Bay City of uMhlathuze Local Municipality
- Environment Control Officer for the internal infrastructure associated with the Aquadene housing development, Richards Bay, KwaZulu-Natal.
- 2018/2019** Empangeni City of uMhlathuze Local Municipality
- Basic Assessment Report for the proposed Upgrade of Water Supply Infrastructure for Khoza water supply area phase 1: Empangeni.
  - General Authorisation obtained for the proposed project.

- 2018/2019** Richards Bay City of uMhlathuze Local Municipality
- Basic Assessment Report for the proposed upgrade of the rural roads in Mandlazini – Phase 2, Richards Bay, KwaZulu-Natal.
  - General Authorisation obtained for the proposed project.
- 2018/2019** Melmoth Mthonjaneni Local Municipality
- Basic Assessment Report for the proposed upgrade of the Melmoth Sanitation Scheme (Phase 3): Outfall Sewers and Water Treatment Works, Melmoth, KwaZulu-Natal.
  - Water Use Licence for the proposed project.
- 2016-2019** Esikhaleni City of uMhlathuze Local Municipality
- Basic Assessment Report for the proposed upgrade of the rural roads in Mandlazini – Phase 2, Richards Bay, KwaZulu-Natal.
  - General Authorisation obtained for the project (2016-2017).
  - Environmental Control Officer (including water quality surveyor) and the required DAFF permitting and further monitoring (2018-2019).
- 2016/2017** Melmoth Mthonjaneni Local Municipality
- All mapping for the Mthonjaneni Local Municipality Land Use Management Scheme, KwaZulu-Natal.
- 2015-2016** Richards Bay City of uMhlathuze Local Municipality
- Basic Assessment Report for the proposed upgrade of the Richards Bay Outfall Sewer and Nkonging pump station, Veld en Vlei, KwaZulu-Natal.
  - Water Use Licence Technical Documentation completed for the proposed project.
- 2015-2017** Mkuze Private
- Scoping Report and Environmental Impact Assessment for the proposed agricultural development near Mkuze, KwaZulu-Natal.
  - Environmental Control Officer for the project 2017.
- 2015/2016** Richards Bay uMhlathuze Water
- Basic Assessment Report for the proposed Installation of a Diesel Generator at the Existing Mhlathuze Transfer Pump Station, Richards Bay.
- 2015** Hammarsdale SANRAL
- Water Use Licence Application for the proposed interchange upgrade along the N3 highway, near Hammarsdale, KwaZulu-Natal.
- 2015** Gauteng Gautrain
- Province wide mapping of all public transport infrastructure for the purpose of sensitivity mapping required to evaluate the environmental feasibility of future expansions of the Gautrain Transport network.