

# Ndeshihafela Neliwa

## GIS Consultant

Name of Consultant: Ndeshihafela Neliwa

Profession: GIS Consultant

Date of Birth: 14 January 2000

Nationality: Namibian

Membership in Professional Bodies: Environmental Assessment Practitioners of Namibia (EAPAN) –  
Membership No 233

### Key Qualifications

Ndeshihafela Neliwa is an experienced GIS and Environmental Consultant, with a focus on environmental assessments, GIS mapping, and sustainable practices. Her experience spans various industries, including water resources, mining, agriculture, and telecommunications, where she has contributed to numerous high-impact projects in Namibia. With a solid foundation in environmental science and GIS technology, Ndeshihafela excels in conducting Environmental Impact Assessments (EIAs), developing Environmental Management Plans (EMPs), and providing technical support for environmental monitoring and auditing.

As an Environmental Consultant, Ndeshihafela applies her skills to ensure that projects meet environmental and regulatory standards, while promoting sustainability throughout their lifecycle. She is highly skilled in spatial analysis, data management, and GIS-based mapping, using advanced tools like ArcGIS and QGIS to support informed decision-making. Her work also includes coordinating stakeholder engagement and public consultation, ensuring effective communication and collaboration with all parties involved.

### Education

Institution	Dates	Degree obtained
Business Succes Solutions	2024	Certificate in Environmental Impact Assessment
Esri Collage South Africa	2023	Certificate of GIS from field in Office
Namibia University of Science and Technology	2022	Bachelor of Geoinformation Technology

## Employment Record

Year	Employer	Position	Role and Responsibility
2023 December- Present	GCS Water & Environmental Consultants (Pty) Ltd	Environmental Consultant	Environmental Impact assessment Environmental Management Plans Environmental Compliance Monitoring Audit GIS mapping. Public participation and stakeholder engagement
June 2023 – November 2023	GCS Water and Environmental Engineering Namibia (Pty) Ltd	Environmental Intern	Environmental Impact assessment Environmental Management Plans Environmental Compliance Monitoring Audit Public participation and stakeholder engagement
February 2022 – August 2022	Deutsche Gesellschaft Für Internationale Zusammenarbeit (GIZ)	Database management and GIS Intern	Assist the F4R Team in the execution of the monitoring and evaluation (M&E) system. Assist in data entry, data analysis and storage of relevant data for the F4R system. Assist in the planning, logistics and documentation of F4R events. Assist in GIS & Mapping activities. Administration duties.
August 2021 – December 2021	Namibia University of Science and Technology	Graduate Intern	Develop a database of all roads within Windhoek and create a Road Network. Producing maps using various methods including digitizing. Collected, arranged and entered spatial data into a geodatabase. Analyze GIS data to identify spatial relationships and display results using maps.

## Project Experience

Year	Client	Project Description	Role/ Responsibility
2025 (Ongoing)	Stubenrauch Planning Consultants	Environmental Impact Assessment for the street creation on Erf 214, Klien Windhoek	Environmental Assessment Practitioner (EAP)
2024 (Ongoing)	Namibia Water Corporation Ltd	Namwater Numerical Groundwater flow model Koichab Pan Aquifer	GIS mapping
2024	PowerCom (Pty) Ltd	Environmental Impact Assessment of Proposed Telecommunication Towers in Keetmanshoop and Aus	Environmental Assessment Practitioner (EAP). Public Consultation. GIS mapping.
2024	Stubenrauch Planning Consultants	Erf A (a portion of Erf 2129) Oranjemund Extension 3	Environmental Assessment Practitioner (EAP)
2023 (Ongoing)	Ministry of Agriculture, Water & Land Reform (MAWLR)	Consultancy services for Conducting ESIA and ESMP for Otjombinde Water Supply Schemes project- Omaheke Region	Environmental Assessment Practitioner Site visits and reporting Public Consultation. GIS mapping.
2024	Synergy Farms Namibia	Environmental Impact Assessment for Aquaculture and Fish Farming	Environmental Assessment Practitioner (EAP). Public Consultation. GIS mapping.
2024	Skyside South Africa (Pty) Ltd	Air Quality Monitoring for a waste facility in Arandis, Erongo Region	Air Quality Monitoring
2023	Okatji Marble CC	Environmental Compliance Monitoring	Environmental Compliance Officer
2023	PowerCom (Pty) Ltd	Environmental Impact Assessment of Proposed Telecommunication Towers in Windhoek	Environmental Assessment Practitioner (EAP). Public Consultation. GIS mapping.
2023	Namibia Wildlife Resorts (NWR)	Development of EMPs for Waterberg, Hardap, Popa Falls and Khorixas Resorts	Assist with Environmental management plans and locality maps of resorts.
2023	Sun Karros Lifestyle Safaris (Pty) Ltd	Development of Environmental Management Plans for the following: Daan Viljoen and Mile 14	Environmental Assessment Practitioner (EAP) Environmental Compliance Officer (ECO)

2023	Stubenrauch Planning Consultants	Re-planning of Aimablaagte Soccer Field	Environmental Impact Assessment (Technical report writing) Environmental Management Plans (EMP) Conducting Public Consultation meetings
2023	Stubenrauch Planning Consultants	Subdivision and Right of Way Servitude Creation on Farm Monte Christo	Environmental Assessment Practitioner (EAP)
2022	Deutsche Gesellschaft Für Internationale Zusammenarbeit(GIZ)	Farming for Resilience (F4R)	Environmental Assessment Practitioner (EAP)
2022	Deutsche Gesellschaft Für Internationale Zusammenarbeit(GIZ)	Rangeland Assessment for Amarika and Otjetjekua Farmers' Cooperative	Environmental Assessment Practitioner (EAP) and Public Consultation
2021	Namibia University of Science and Technology (NUST)	Roads Transport System (network analysis), Windhoek	Environmental Assessment Practitioner (EAP) and Public Consultation

## Languages

Languages	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent
Oshiwambo	Excellent	Excellent	Excellent

## Certification

*I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and experience.*

**Date:** 28 February 2025

**Signed:**

**Full Name of Consultant:** Ndesihafela Lucia Neliwa

# **Paula Tolksdorff**

## **Senior Technical Manager**

Name of Consultant: Paula Tolksdorff

Profession: Environmental Consultant

Date of Birth: 24 January 1971

Nationality: South African

Membership in Professional Bodies:

- Environmental Assessment Practitioners Association of South Africa (2019/509)
- South African Council for Natural Scientific Professions (152904)
- International Association for Impact Assessment South Africa (1745)
- International Association Public Participation (IAP2SA014)

### **Key Qualifications**

Paula brings over 30 years of specialised experience in the environmental sector, working across various industries, including global industrial and mining clients, as well as commercial developments. Her career has taken her through significant projects across Africa, where she has gained a deep understanding of how environmental and social licenses to operate impact both operations and project outcomes.

With a strong foundation in sustainability, Paula applies her expertise to integrate and maintain effective, sustainable practices across a wide range of operational contexts. As an Environmental Assessment Practitioner and Professional Natural Scientist, her skills are both robust and multifaceted. She excels in conducting environmental and social (E&S) impact assessments and in developing comprehensive E&S management programs tailored to the specific needs of each project. Her work includes crafting and implementing E&S management systems for both construction and operational phases, ensuring they adhere to international standards, as well as local regulatory requirements.

Paula is also highly experienced in stakeholder engagement, ensuring clear communication and collaboration across all parties involved in a project. Her capabilities extend to due diligence and compliance auditing, where she provides critical oversight to ensure regulatory compliance and operational integrity. Additionally, she has extensive experience managing water and waste resources, promoting responsible and sustainable practices.

Through her well-honed project management skills, Paula effectively leads complex projects, consistently ensuring that sustainability goals are met. Her career and diverse background demonstrate a deep commitment to advancing environmental stewardship and sustainable development across challenging and diverse environments.

## Education

Institution	Dates	Degree obtained
University of the Witwatersrand	1997	Baccalaureus Technologiae (B-Tech), Engineering Civil, Urban and Rural Development
University of the Witwatersrand	1994	National Higher Diploma: Civil Engineering, University of the Witwatersrand
University of the Witwatersrand	1993	National Diploma: Civil Engineering, University of the Witwatersrand
University of North West	(two years course work complete 2011/2012)	MSc. Environmental Management

## Employment Record

Year	Employer	Position	Role and Responsibility
Oct 24 - Current	GCS	Senior Technical Manager - Environmental Group	<p>As Technical Manager, Paula is responsible for overseeing the development and growth of environmental services. She leads business development efforts, builds and maintains client relationships, and develops and implements business strategies to drive the organisation's success. Paula manages a wide range of responsibilities, including overall project management, team leadership, and financial oversight, ensuring that projects are delivered on time and within budget while aligning with the organisation's long-term goals.</p> <p>In her technical capacity, Paula conducts environmental and social impact assessments, designs and implements environmental management programmes, and develops operational and construction environmental management plans and procedures. She plays a key role in establishing environmental management systems and engages with stakeholders to foster collaboration and ensure compliance. Her duties also include conducting compliance audits, due diligence assessments, and managing water and waste programs. Additionally, Paula provides environmental training and oversees project management from inception to completion. Her combined experience in technical and managerial roles equips her with a deep understanding of environmental practices and strategic leadership in various operational contexts.</p>
Sep 2023 - Jun 2024	OMI Solutions (Pty) Ltd, Pretoria	Principal Environmental Assessment Practitioner	<p>As a Principal Environmental Assessment Practitioner, Paula was responsible for leading business development efforts, managing client relationships, and developing business strategies to ensure the growth and success of the environmental services offered. She oversaw project management, guiding teams through the delivery of projects, and maintained financial oversight to ensure budgets and timelines were adhered to. In her technical capacity, Paula's role as an Environmental Assessment Practitioner and Professional Natural Scientist involved conducting environmental and social impact assessments, designing environmental management programmes, and developing both operational and construction environmental management plans. She was also responsible for implementing environmental management systems, managing stakeholder engagement, conducting compliance audits, performing due diligence assessments, and overseeing water and waste management. Her work included delivering environmental training and managing projects through their entire lifecycle, providing strategic guidance and ensuring regulatory compliance throughout.</p>
Nov 2022 - Aug 2023	Digby Wells Environmental (Pty) Ltd	Principal Environmental Assessment Practitioner	
Nov 2019- Aug 2022	Current Hatch Africa (Pty) Ltd, Johannesburg	Regional Director Africa for the Environmental Services Group	<p>As Regional Director, Paula was tasked with leading the development and growth of the Environmental Services Group across Africa. This role involved overseeing business development efforts, building and maintaining client relationships, and developing and implementing the business strategy to drive the organisation's success in the region. She managed a broad spectrum of responsibilities, including overall project management, team leadership, and financial oversight, ensuring that projects were delivered on time and within budget, while aligning with the group's long-term goals.</p> <p>In her role as an Environmental Practitioner, Paula was deeply involved in conducting environmental and social impact assessments, designing and implementing environmental management programmes, and developing operational and construction environmental management plans and procedures. She also played a key role in establishing environmental management systems and engaging with stakeholders to foster collaboration and ensure compliance. Her duties further extended to conducting compliance audits, due</p>



Year	Employer	Position	Role and Responsibility
			diligence assessments, and managing water and waste programs. Paula's work also encompassed delivering environmental training and overseeing the management of various projects from inception to completion. Her experience in both technical and managerial capacities equipped her with a comprehensive understanding of environmental practice and strategy in diverse operational contexts.
2005-2019	Terra Pacis Environmental (Pty) Ltd	Managing Director (founding member)	<p>As a Director of Terra Pacis, Paula was responsible for the development of the Environmental Impact Assessment discipline, the management of business development, client relationship management, the development of the business strategy, overall project management, team management and financial management.</p> <p>As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.</p>
2006-2009	Cymbian Environmental and Social Consulting Services	Director (founding member)	<p>As a Director of Cymbian, Paula was responsible for the development of the Environmental Impact Assessment discipline, the management of business development, client relationship management, the development of the business strategy, overall project management, team management and financial management.</p> <p>As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.</p>
2005-2008	Contract to: Golder Associates Africa Pty Ltd	Environmental Consultant	Paula assisted on environmental and social impact assessments and environmental management programmes.
2005	ERM Southern Africa, Johannesburg	Snr Environmental Consultant	As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.
1998-2005	Contract to Anglo Gold Ashanti Limited, Johannesburg	Environmental Consultant	As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.
1996-1998	Anglo American, Johannesburg	Civil Engineering Technician and Environmental	As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans

Year	Employer	Position	Role and Responsibility
		Consultant	and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.
1996-1996	Hamilton Associates, Rosebank	Civil Engineering Technician	Assisted civil engineers plan, design, and build residential development projects including services (access roads/ water/sewage/stormwater).
1990-1996	Stuart Scott Incorporated, Sandton	Civil Engineering Technician	Assisted civil engineers plan, design, and build highways, bridges, and services (water/sewage/stormwater). Worked on the site of a large highway construction project and a infrastructure development project.

## Project Experience

Environmental and social impact assessments (including the development of environmental and social management programmes/plans/systems)
<ul style="list-style-type: none"> <li>• Environmental Management Plan Update for North Mara Gold Mine Limited, Tanzania, Barrick Gold Corporation.</li> <li>• Environmental Impact Study and Management Plan Kisanfu Project, Democratic Republic of the Congo, Phelps Dodge Congo SPRL.</li> <li>• Environmental and Social Impact Assessment for the Proposed Chirundazi Dam and Associated Supporting Infrastructure, Karo Platinum, Zimbabwe.</li> <li>• Environmental and Social Impact Assessment for the Opencast Expansion Project, Karo Platinum, Zimbabwe.</li> <li>• Scoping and Environmental Impact Assessment for the Sasol Destoning Project, Mpumalanga Province, South Africa.</li> <li>• Scoping and Environmental Impact Assessment for the Sasol Syferfontein Tweedraai Expansion, Mpumalanga Province, South Africa.</li> <li>• Scoping and Environmental Impact Assessment for the 100 MW Namane Solar PV Plant, South Africa, Namane Generation (Pty) Ltd.</li> <li>• Environmental Authorisation and Atmospheric Emissions Licence for the Copper Nickel Recovery Plant, Rand Refinery Limited, South Africa.</li> <li>• Environmental Authorisation and Water Use Licence (by way of a Basic Assessment) for the Light Industrial Development on proposed Kya Sand Extension 104, Randburg, South Africa.</li> <li>• Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for Mamatwan Mine New Sinter Plant, Samancor Manganese (Pty) Limited (BHP Billiton), South Africa.</li> <li>• Environmental Authorisation, Waste Management Licence and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for the M14 Furnace, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.</li> <li>• Environmental Authorisation and Waste Management Licence (by way of Scoping and Environmental Impact Assessment) for the upgrade of the existing Pelletising Plant to an Agglomeration Plant, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.</li> <li>• Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for the Medium Carbon Ferro Manganese Converter Project, Transalloys (Pty) Ltd, South Africa.</li> <li>• Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for the Construction and Operation of Two Furnaces and Associated Infrastructure, Transalloys (Pty) Ltd.</li> <li>• Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for Proposed Phosphoric Acid Plant, Hi-Fos (Pty) Ltd, South Africa.</li> <li>• Waste Management Licence (by way of a Basic Assessment) for the Refurbishment of West Plant Sludge Dam 3 and Associated Mixing facility, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).</li> <li>• Water Use Licences for the Nyakallong and Virginia Wastewater Treatment Works Upgrade, Matjhabeng Local Municipality, Free State, South Africa.</li> </ul>

<ul style="list-style-type: none"> <li>Water Use License Application, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.</li> </ul>
<b>Risk assessments</b>
<ul style="list-style-type: none"> <li>Environmental Risk Assessment for the Hard Ice Plant at Mponeng Mine, AngloGold Ashanti, South Africa.</li> <li>Environmental Risk Assessment for the Surface Cooling System Expansion for Ventersdorp Contact Reef B120 Level Project, West Wits Mponeng Mine, AngloGold Ashanti, South Africa.</li> <li>Dam Risk Assessment Goedgevonden Colliery, Xstrata Coal, South Africa.</li> <li>Environmental Risk Assessment for the Coal fired boilers, Newlands, SAB Miller, South Africa.</li> </ul>
<b>Feasibility studies</b>
<ul style="list-style-type: none"> <li>Zimplats Selous Base Metals Refinery (BMR) Feasibility Study; Supporting Environmental Studies (environmental legal opinion and permitting requirements, environmental impact analysis, energy management and GHG emissions reduction study, water management study), Zimplats, Zimbabwe.</li> <li>Water Supply Feasibility Study (environmental legal opinion and permitting requirements), for Mondi South Africa (Pty) Ltd, South Africa.</li> <li>Port Durnford Prefeasibility Study Project, Tronox KZN Sands (Pty) Ltd, Richards Bay, South Africa.</li> <li>Prefeasibility study for the construction of a new converting facility, (environmental design criteria, regulatory review and permitting requirements, emissions modelling for technology selection, opportunities to improve GHG emissions and energy management), Confidential Project, South Africa.</li> <li>Establishment of an Aluminium Recycling Plant (site sensitivity analysis, regulatory review and permitting requirements, provision of cost estimates to obtain environmental permits and licences), (Confidential Project), South Africa.</li> <li>Feasibility study for the processing of a by-product in the platinum industry, (environmental design criteria, environmental legal opinion and permitting strategy, environmental legal register, environmental and human health impact analysis, water management, contractor social management plan, construction environmental management plan), Confidential Project, South Africa.</li> </ul>
<b>Environmental engineering and monitoring</b>
<ul style="list-style-type: none"> <li>Review of Environmental Design Criteria for the Development of an Iron Ore Mine in Mauritania, El Aouj Mining Company, Northern Africa.</li> <li>Review of the Environmental Protection Measures developed for the construction and operation of a Gold Mine in Russia with particular focus on identifying relevant monitoring requirements, Kinross Gold.</li> <li>Environment Design Criteria for an SO2 Abatement Plant, Anglo American Platinum, South Africa.</li> <li>Sustainable design options study for the Nimba Iron Ore Project, Société des Mines de Fer de Guinée (SMFG) Guinea and Liberia.</li> <li>Onshore and offshore environmental baseline studies, compilation of environmental monitoring/management plans and procedures, and environmental compliance monitoring for the construction of a LNG plant in the Afungi Peninsula in the Palma District of Cabo Delgado Province, CCSJV, Mozambique.</li> <li>Product and waste storage areas upgrade project at the Port of Durban, Bidvest Tank Terminals, KwaZulu-Natal, South Africa.</li> <li>Salvage Yard Layout, Detailed Design and Stormwater Management, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.</li> <li>Development of Water Balances for 1) Free State Operations, 2) Vaal River Operations and 3) West Wits Operations, AngloGold Ashanti, South Africa.</li> <li>Clean and Dirty Water Separation Studies for 1) Vaal River Operations (Mines and Processing Plants) and 2) West Wits Operations (Mines and Processing Plants), AngloGold Ashanti, South Africa.</li> </ul>
<b>Circular economy</b>
<ul style="list-style-type: none"> <li>Scoping exercise to develop and Extended Producer Responsibility Scheme for a multi-national drink and brewing company (Confidential Project), South Africa.</li> <li>Concept Study for the Hillside Used Beverage Can (UBC) Recycling Project, South32, South Africa.</li> </ul>
<b>Environmental management systems and auditing</b>
<ul style="list-style-type: none"> <li>Development of an Environmental Management System at Lumwana Mine, Zambia, Barrick Gold Corporation.</li> <li>Development of an Environment Management System (ISO 14001) including assurance of certification for ERGO, AngloGold Ashanti</li> </ul>

- Environmental Management System (ISO 14001) development for Scaw Metals.
- Development of an Environment Management System (ISO 14001), Kimberley Mines, De Beers Consolidated Mines.
- Review and updating of the Environmental Management System (ISO 14001) at Newlands, SAB Miller.
- The Development and Implementation of processes and tools to comply with conditions defined in the Waste Management Licences, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Vegetation Control Procedure; Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- The Development of Standard Operating Procedures for the Materials Management Department, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Admox Bagging Plant, Admox Bagging Plant, Admox Pelletising Plant and OBC Fume Extraction Operation Environmental Management Plan; Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Internal ISO 14001 Audit, Venetia Mine, De Beers Consolidated Mines
- Internal ISO 14001 Audit, Voorspoed Mine, De Beers Consolidated Mines

#### **Environmental policy and legislation**

- Review the NEOM Environmental Standards and Policies, Saudi Arabia.
- Developing a Greenhouse Gas reporting framework for Department of Mineral Resources and the Department of Energy, Northern Cape Province, South Africa.
- Legal Opinion on Requirement for Environmental Authorisation of the Proposed Emergency Diesel Power Generation Project at Wessels Mine, Samancor Manganese (Pty) Limited (BHP Billiton), South Africa.
- Environmental Legal Opinion Proposed Soya and Sunflower Bean Operations, Boksburg, South Africa.
- Strategic Planning on New Furnace Location, Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.

#### **Due diligence and technical advisory**

- Independent Expert Report Roggeveld Wind Farm Phase 1 And Associated Infrastructure, South Africa.
- Technical Advisory services for a Power Purchase Agreement (PPA) for a gas to power plant near Maputo, Mozambique (Confidential Project).
- Environmental Due Diligence for an in-land and port side bauxite facility, Republic of Guinea (Confidential Project).
- Environmental Due Diligence for the Brush-Arc UG2 Smelting at Richards Bay Alloys, Anglo American Marketing Ltd.
- Environmental component of the Independent Engineering Review, for the New Generation Capacity Under the Risk Mitigation IPP Procurement Program (Confidential Project).

#### **Auditing**

- Audit of the Waste Management Practice at Mponeng and Kopanang Mine, AngloGold Ashanti.
- External Audit Reports for the Waste Management Licences, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Audit of the Water Use Licence held by Goedgedonden Colliery, Xstrata Coal South Africa.
- Annual Internal Audit of the Water Use Licence for Xstrata Coal South Africa (Pty) Ltd Tweefontein Division.
- Annual External Water Use Licence Audit, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Annual Audit of the Record of Decision and Environmental Management Plan for the Fouriespruit Stream Diversion and Old Slag Area, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Annual Environmental Performance Audit for the Pelletising Plant, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Environmental Legal Compliance Assessment for the Construction Phase of the M14 Furnace Project Environmental Authorisation, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Waste Management License Audit for the Slagment Operation, AfriSam Southern Africa (Pty) Ltd.
- Environmental-Legal Compliance Assessment Report SCE Ashman (Proprietary) Limited: Vanderbijlpark Plant.
- Environmental-Legal Compliance Assessment of the Waste Management Licence and Atmospheric Emission Licence for A-Thermal Retort Technologies (Pty) Ltd.

**Languages**

Languages	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent

**Certification**

*I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and experience.*

**Date:** 19 February 2024

**Signed:**

**Full Name of Consultant:** Paula Jane Tolksdorff