



**PHILILE NTOMBELA**  
WATER STRATEGY SPECIALIST

**SERITI RESOURCES**

**Philile Ntombela is an experienced Water Strategy Specialist at Seriti Resources, where she drives sustainability initiatives within the mining industry. With a background in Environmental Sciences, her career began at Seriti Resources as a vocation student, where she contributed to projects focused on air quality management and water-related challenges in mining operations.**

Progressing through roles such as Environmental Intern and Environmental Officer, Philile developed deep expertise in sustainable water and environmental management. Her daily responsibilities included analysing water consumption patterns, improving water quality, and identifying areas for efficiency improvements in water usage across mining processes.

As a Water Strategy Specialist, Philile leads long-term water management strategies that not only mitigate environmental impacts but also enhance operational sustainability. She has pioneered efforts to reuse mine water for operational purposes like dust suppression and washing, reducing freshwater dependency and minimising waste. She has also explored advanced water treatment technologies to prevent excess water accumulation and contamination, contributing to environmental protection and cost savings.

Philile has spearheaded initiatives aimed at recycling mining byproducts, optimising waste management, and reducing the environmental footprint of mining operations. Her innovative approach integrates circularity into mining systems, focusing on reducing resource consumption and reclaiming water for reintegration into mining processes. In addition, she is actively working on incorporating renewable energy into wastewater treatment, further enhancing sustainability.

Her leadership in sustainable mining practices reflects her commitment to ensuring that the mining industry operates with minimal negative impact while offering long-term solutions that benefit both the environment and surrounding communities.



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SUSTAINABILITY  
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**2024**  
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