

## Presidency Assess State of Giyani Water Project



Deputy President Paul Mashatile alongside the Department of Water and Sanitation Ministry members of Provincial Executive Council, District and Local Mayors at Giyani Water Treatment Works.



Lepelle Northern Water (LNW) charity  
Golf challenge for a good cause.



LNW signs MoU with University of Free State.



## CEO's CORNER

There is light at the end of the tunnel.

One of the proudest moments I witnessed in August 2024 was the successful hosting of the National Youth Indaba, where Team LNW once again left an indelible mark on the 400 delegates from all nine provinces of our country. As a host, the logistics and execution of the intense week's programme with a host of experts lived up to the catchphrase:

**"My LNW, My Passion, My Commitment"**

Themed "actively embracing the socio-economic gains of our democracy", the National Youth Indaba successfully achieved its intended purpose by bringing together a plethora of knowledge amongst the participants in the WASH sector from various backgrounds, including unemployed individuals, professionals, entrepreneurs, young professionals, and civil society organisations.

I want to thank the Department of Water and Sanitation for trusting us to host an event of such national importance.

Deputy President Shipokosa Paulus Mashatile, in his capacity as Chairperson of the Task Team established to address water challenges in various parts of the country, on Friday, 6 September 2024, visited the Limpopo Province to assess progress achieved on various intervention projects undertaken to improve water services in Greater Giyani Local Municipality.

I am proud to announce that the biggest milestone is the completion of the Nandoni-Nsami Pipeline Project, which enabled water from Nandoni Dam to reach Nsami Dam. The 40km pipeline construction is complete, and what remained were river crossings, the installation of fittings at the pump station, and tie-in with the main line. The completion certificate was issued on 10 June 2024.

The Giyani Water Services Intervention Project is at an overall progress of 75.25%, thirty-eight (38) reservoirs have thus far been connected, and reticulation has already commenced. Pipeline A was commissioned and handed over to the municipality. A multi-stakeholder task forum is in place to continuously monitor the progress of the project and address issues raised by various stakeholders within the Giyani Local Municipality. The development has brought some hope to the people of Giyani Local Municipality.

Equally, the Ebenezer and Olifantsfontein upgrade project has also established the Multi-Stakeholder Task Team chaired by the Executive Mayor of Capricorn District Municipality, Cllr Mamedupi Tefo, which has met twice thus far to assess progress. So far there are 107 general labours, 30% of whom are women, 70% are youth, and 2% are people with disabilities. Progress to date is 55% on average.

**My LNW, My Passion, My Commitment.**

**LNW CEO**

**Dr Cornelius Ruiters**

## Hinwa Mati Friday Campaign



Limpopo Premier Dr Phophi Ramathuba led the household reticulation oversight inspection.

Limpopo Premier Dr. Phophi Ramathuba officially launched the "HINWA MATI FRIDAYS" campaign at Homu 14A in the Greater Giyani Municipality. During her inaugural address at the opening of the provincial Legislature, she pledged to address water challenges directly and work towards ensuring access to clean water for all communities in Limpopo.

This continuous campaign will focus on evaluating the state of water services and supporting communities particularly in rural areas in the province affected by lack of water, to be led by Limpopo Office of the Premier.



Lepelle Northern Water team participated at the launch.



# Deputy President Assesses the State of Giyani Water Projects



Deputy President and Minister of Water and Sanitation drinking tap water at N'wakhuwani village.

Deputy President Shipokosa Paulus Mashatile, in his capacity as Chairperson of the Task Team addressing water challenges across the country, alongside the Department of Water and Sanitation Ministry, conducted an oversight visit to assess progress on various intervention projects aimed at improving water services in the Greater Giyani Local Municipality. He was accompanied by the Acting Premier of Limpopo Province, Mr. Basikopo Makamu, members of the Limpopo Provincial Executive Council, District and Local Mayors, and representatives of Traditional leadership.

The visit began with a walkabout at the Nandoni Pump Station, followed by an inspection of the Middle Letaba Canal at Xikukwani village, led by Lepelle Northern Water Chief Executive Officer, Dr. Cornelius Ruiters. The delegation then proceeded to the Giyani Water Treatment Works, concluding with a review of yard connection reticulation at N'wakhuwani village.

The primary goal of this project is to enhance water provision, ensuring that clean water is accessible to over 55 villages within the Mopani District Municipality.



Running water from yard connections at N'wakhuwani village.

# Multi Stakeholder Task Team assess Olifantspoort / Ebenezer project



Capricorn District Executive Mayor Cllr. Mamedupi Teffo.

Lepelle Northern Water (LNW) held its second Multi Stakeholder Task Team (MSTT), chaired by the Executive Mayor of Capricorn District Municipality (CDM), Cllr Mamedupi Teffo, at the CDM Council Chamber in Polokwane.

Chairperson of LNW, Dr Ndwelweni Mphephu, emphasised the need for sustainable and reliable water that must flow through the affected municipalities, including the City of Polokwane.

"I am glad that the councillors are together with us to ensure that we can complete the project on time for the people of Limpopo to receive water. The focus is on working together to speed up the completion of the project on time. The technical committee, social facilitator, and the local project steering committee are also working tirelessly to reach practical completion. If we delay the project, we delay people from receiving water," Dr Mphephu said.

The Olifantspoort and Ebenezer Upgrade Project is aimed at supplying 1,3 million people as of 2022 (projected to grow to 1,7 million in 2045) with sustainable, reliable, and quality water for R 18,5 billion.

About 1200 jobs are to be created during the construction phase of the entire project, with a further 90 jobs on completion of the project.

There will be 371 428 households standing to benefit within the various affected Water Service Authorities like Capricorn, Polokwane, Mopane and Sekhukhune Municipalities.



LNW Board Chairperson Dr Ndwelweni Mphephu.

LNW has been able to replace the aged Specon pipeline since 2018 using its funds—R 99 million for the reduction of water loss, where over 54 temporary jobs were created during the period.

LNW has self-funded the project planning and design phase since 2016 before funding was secured in the order of R 360 million.

LNW achieved major records of decisions such as Environmental Impact Assessment, water use licenses, and budget facilities for infrastructure approvals on the project for project feasibility and business case.

The infrastructure upgrade is geared to meet current and projected future demands until 2043.

Social facilitator, Ms Limpho Klu highlighted some of the challenges faced by the project implementors on the ground, such as community disruptions, and some disgruntled business forums with unreasonable demands.

Other delays were attributed to labour disputes, obstruction of the house on the pipeline, a wetland that has been discovered, hard rocks, and Eskom wayleaves, but solutions are underway from the agile LNW capable Engineering team, which should be able to recover the lost time.

**So far 107 general labours, 30% of women are employed, 70% are youth, and 2% are people with disabilities. Progress to date is 55% on average.**

Local business forums, councillors from Lepelle-Nkumpi and Polokwane Municipalities.

# LNW signs MoU with University of Free State



Lepelle Northern Water (LNW) Chief Executive Officer, Dr. Cornelius Ruiters, led LNW delegation and University of Free State delegation led by the Dean of faculty of Natural and Agricultural Sciences Prof Paul Oberholster.

The Chief Executive Officer of LNW, Dr Cornelius Ruiters, led his executive delegation in signing both collaboration agreements with the Universities. The partnerships aims to consolidate, strengthen, and improve capacity building in the water sector.

It will also assist in developing the students from the University of Limpopo through training and development on critical water and wastewater treatment processes, including but not limited to, research and development, investigating alternative water and wastewater treatment methods, sharing of information and technology transfer, joint postgraduate supervision, internships, and bursaries. This partnership will support the immediate, short-term and long term benefit to both parties.

This marks the beginning of a mutually beneficial partnership aimed at advancing research to drive innovation in the water sector.

This progressive partnership is set to pave the way for groundbreaking developments in water management by combining their expertise and resources, both organizations are poised to make significant strides in addressing water challenges in the industry.



# LNW hosts National Youth Indaba

Chairperson of LNW Dr Nndweleni Mphephu, delivered an opening address and welcomed over 400 delegates at the Youth Indaba from across the country at The Ranch Hotel in Polokwane.

Dr Mphephu delivered a powerful message to the youth and challenged them to take advantage of opportunities offered by the Water Authority Boards and contribute to shaping policy decisions for future generations.

He cited President Cyril Ramaphosa's remarks during the opening of the parliament to capture the essence of the Youth Indaba, who said, "The well-being of our people and the growth of our economy depends on the availability of water".

Dr Mphephu said that globally, we are faced with challenges that need our attention in the water sector and these include issues such as drought and floods associated with global warming, population growth, which results in water and sanitation demand provision far exceeding the supply, and ageing infrastructure.

He emphasized the vital role of the youth in the water sector by highlighting the following four points.

a. Young professionals must break barriers, engage in critical research, and drive entrepreneurial ventures to bring solutions to enhance the Water, Sanitation and Hygiene Services, from creating water-efficient technologies and purification systems to advancing wastewater management practices.

b. As innovators, the youth must work tirelessly to ensure that all communities gain access to safe and reliable water and sanitation services.

c. The Youth must initiate strategies to assist with the running of our Water Treatment Works using renewable energy.

d. The Youth must be advocates for change and innovation in the water sector and actively participate in policy making through various platforms.

"We need to see you contributing and publishing your work in journals, furthering your studies to Masters and PhD level. Do not worry about funding, we will fund you as long as you are contributing to the advancement of water and sanitation in our country. We do not need to address the water hyacinth in Hartbeesport Dam or water lettuce at the Vaal Dam. We need you to come up with solutions that will prevent that from happening right from the source."

"We appreciate the honour and responsibility given to us to host you together with the Department of Water and Sanitation," he said.

Several sessions were in full swing at the Youth Indaba ably led by some of our board members like Dr. Pulane Molokwane, who participated in the Intergenerational Dialogue: Youth Actively Embracing the Socio-Economic Gains of Our Democracy in the Water, Sanitation, and Hygiene (WASH) Sector.

Limpopo Young Professionals Forum from Limpopo represented by its chairperson, Ms. Mmakgomo Malatji, who also co-hosted the opening of the conference with the Provincial Head, Ms. Lucy Kobe, were on point.

The CEO of LNW, Dr. Cornelius Ruiters, joined by member of the House of Traditional Leaders, Kgoshi K.N. Rahlagane, DWS, and Anglo American, amongst others, discussed the significance of water in the mining industry, and the role in youth development. Dr. Ruiters said the majority (62%) of our water goes to agriculture, commercial, and other communities.

The delegates visited the University of Limpopo (UL) Water Laboratory to explore the analytical methods used for water quality analysis, and visited Ebezener Water Treatment Plant for a tour of the water purification process.

The 5 days Indaba closed on a high note with glitz and glamour at the gala dinner ne great entertainment to give our guests the taste of the land of the legends, Limpopo.



# LNW Dedicates 67 Minutes in Honour of Madiba



Embracing the spirit of "It is in your hands now," Lepelle Northern Water (LNW) spent 67 minutes on Nelson Mandela International Day with Paledi Disability as part of their corporate social investment project. The activities included painting the centre, donating thirty blankets, children's sleeping mats, and educational charts, as well as sharing valuable hygiene practices and water conservation tips.

This initiative reflects the spirit of Ubuntu in honour of Tata Nelson Mandela, as LNW strives to extend a helping hand to those less fortunate. Speaking at the event, Acting Chief Executive Officer, Mr. Elias Moeng, emphasised the importance of upholding the values embodied by Nelson Rolihlahla Mandela.

He encouraged everyone to dedicate 67 minutes to give back to their communities, highlighting that LNW's responsibility extends beyond supplying quality water in the province, they also support those in need whenever the opportunity arises.

LNW remains committed to making a positive impact in the communities within its operational areas. Additionally, the Ebenezer Plant Laboratory team cleaned the Ebenezer Dam in honor of the day, serving as a reminder for all to follow in Mandela's footsteps and make a positive impact in our communities.



# LNW's Brand Awareness Campaign Progresses

Lepelle Northern Water (LNW) continued its brand awareness drive by presenting its SANAS-accredited laboratory to the Council of Speakers and Mayors at the South African Local Government Association (SALGA) event, held from August 7th to 8th, 2024, at Jack Botes Hall in Polokwane.

The exhibition aimed to boost visibility, enhance credibility, create networking opportunities, and generate leads for follow-up. Additionally, LNW sought feedback from attendees, demonstrated laboratory services to spark interest, and strengthened relationships with existing customers. The joint sitting gathered local government leaders to address challenges and explore solutions for improving service delivery nationwide.



# LNW Launch Safety and Health Day



Lepelle Northern Water's (LNW) OHS unit is currently launching an Employee Safety Day at both schemes and the head office to promote a safer and healthier work environment while fostering a positive safety culture. The awareness will focus on:

- Emphasizing the significance of workplace safety and health.
- Identifying and addressing potential hazards to prevent accidents.
- Promoting a culture of safety, accountability, and responsibility.
- Offering training and resources to improve safety knowledge and skills.

- Empowering employees to actively participate in safety initiatives.
- Identifying areas for improvement and implementing corrective actions.
- Reinforcing the commitment to employee well-being and safety.
- Ensuring compliance with safety laws, regulations, and industry standards.
- Reducing the risk of accidents, injuries, and illnesses.

This initiative is part of LNW's ongoing efforts to elevate health, safety, and environmental standards in the workplace.



# SA Water Utilities Heritage and Wellness Games in Bloem



Employees, accompanied by their executives, were in high spirits and represented the land of the legends in competing with various water boards across the country. Hosted by Vaal Central, this initiative creates an opportunity for employees across water boards to participate in various sporting codes and share experiences on water-related issues. The sporting codes in the event were soccer (open and masters), volleyball, netball, pool, golf, and chess.

The games kicked off with the handover of the “baton” by LNW as last year’s host to this year’s, Vaal Central, at the official opening of the games. This auspicious event opened on 27 September 2024 with festivities in preparation for the benchmarking session attended by the executives of the participating entities, where they engaged on various topics critical within the water sector.



The LNW team painted the town blue and white with their sporting regalia with songs and dances.

The team returned safely from Bloemfontein to Polokwane, with only the chess team having conquered to achieve silver medals.

A rejuvenated mind enhances productivity and operational efficiency, which is the essence of the sport, in addition to exploring areas of co-operation and networking.



## Premier address LNW Golf Day



Acting Premier, Mr Sebataalo Ernest Rachoene, delivered a keynote address at the LNW inaugural charity golf day dinner at Polokwane Golf Course on Friday, 13 September 2024.

Special guests in attendance included the Executive Mayor of Polokwane, Cllr John Mpe, Executive Mayor of Capricorn who was duly represented by a Member of the Mayoral Committee, Cllr Caroline Mamabolo, corporate sponsors, the Board, and the Executives of LNW.

Delivering his address on behalf of the Premier of Limpopo, MEC Rachoene said, "Today marks a special occasion where we have come together, not just to enjoy the sport of golf, but to support a noble cause. This event is a shining example of how we, as a society, can unite across various sectors to uplift our communities. It is an honor to witness such corporate social responsibility (CSR) initiatives directed at the welfare of our senior citizens, the very people who have built the foundation upon which we stand today," he said.

Rachoene said that, as part of LNW's mandate to provide bulk water services to water services authorities and industries within the mandated areas of our Limpopo Province, this is no small task.

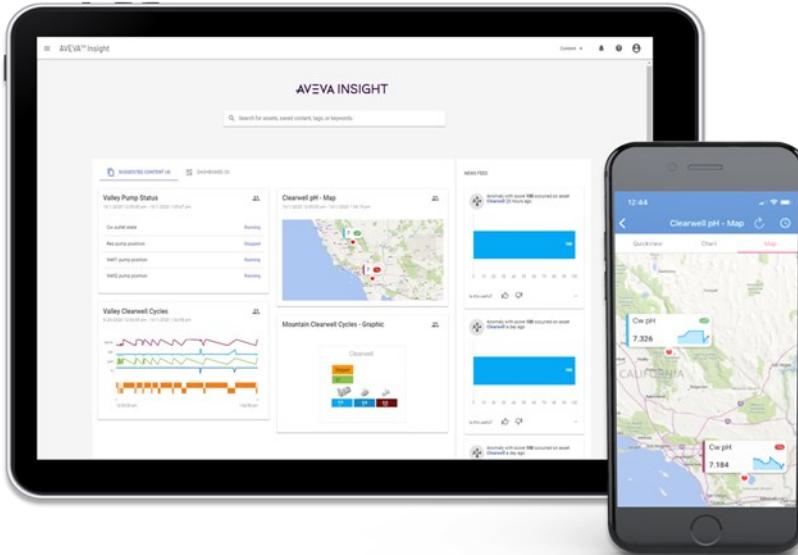
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The responsibility of ensuring that water flows to over 3 million people, as well as major industrial users, is monumental, especially when the demand for water exceeds the available supply. Despite these challenges, Lepelle Northern Water remains resolute in its efforts, implementing water conservation and demand management to ensure that our province continues to receive a reliable water supply. But today, we are not only celebrating their success in delivering essential services; we are celebrating their heart for the community," he said.

The Executive Mayor of Polokwane, John Mpe, also took to the podium prior and announced the impending launch of a service delivery app that promises to transform how residents engage with their municipality. Mpe outlined a future where citizens could directly report pressing service delivery issues, such as potholes, pipe leaks, and electricity faults, right at their fingertips.

He reminded the audience that Lepelle Northern Water (LNW) holds a vital mandate—the bulk delivery of water to the municipality. The collaboration between Polokwane Municipality and LNW, he emphasized, is not merely a strategic partnership but a lifeline for the entire municipality. "There is an undeniable need for Polokwane and LNW to continue to work hand in hand to ensure that our people receive this precious resource," he said.

# Operations Update



## AVEVA Insight Pilot Project Update for Flag Boshielo Site

Lepelle Northern Water (LNW) is progressing with its digital transformation initiative by implementing AVEVA Insight at the Flag Boshielo site. AVEVA Insight, a cloud-based operations management platform, will enable real-time monitoring and optimisation of operational performance, empowering decision-makers with critical data to enhance asset reliability and drive operational efficiency. This update highlights the latest progress and outlines the next steps in this important project.

### Current Project Status

The project is on track with the team moving onto the 3rd phase of getting the system online and monitoring.

#### 1. Site Visit and Recommendations

The project began with a comprehensive site visit where our team conducted a thorough assessment of the existing infrastructure. Recommendations were provided to maximise the value AVEVA Insight can offer. These insights ensure that LNW is well-positioned to leverage the full capabilities of the platform, ultimately improving system performance and enhancing operational visibility.

#### 2. Server Setup and PLC Connections

The server has been successfully set up at the Flag Boshielo site, establishing a strong foundation for the integration of AVEVA Insight. Moreover, the critical step of connecting the site's PLC systems to the server has been completed, allowing for seamless data flow between the operational systems and AVEVA Insight's cloud environment.

### Next Steps: Solution Deployment

The project now advances into the crucial configuration and deployment phase. In the coming weeks, our team will visit the Flag Boshielo site to finalise the following tasks:

Configure the on-site server for optimal performance.

Complete the installation of AVEVA Insight across relevant systems.

Ensure real-time data access and operational insights are fully functional.

This step is vital to unlocking the full potential of AVEVA Insight, providing actionable intelligence that will transform how LNW manages its water operations.

### Looking Ahead: Business-Wide Deployment Opportunities

Lepelle Northern Water has taken a significant leap forward by embracing AVEVA Insight at Flag Boshielo, positioning itself as a leader in operational excellence. The swift and successful progress made in this project serves as a compelling case study for rolling out AVEVA Insight across other LNW sites.

#### Key Benefits of AVEVA Insight Deployment Across All Sites:

**Improve asset reliability:** Gain asset performance insights and respond to anomalies earlier with artificial intelligence and powerful analytics.

**Drive performance:** Fully understand your operations with a digital twin that combines corporate and operational KPIs to discover efficiency gains.

**Operational Visibility:** Provides a real-time, single source of truth, enabling teams to make faster, data-driven decisions.

**Increased Efficiency:** Identifies inefficiencies and supports proactive asset maintenance, reducing unplanned downtime.

**Scalability:** AVEVA Insight is designed to scale effortlessly, making it an ideal solution for multiple LNW sites.

**Cost Savings:** The platform enables continuous improvements that can drive down operational and maintenance costs while increasing productivity.

# Good Records Management is essential



LNW carries a mandate to provide bulk water services to the larger population of the province of Limpopo. This essential service should never end, as people will never stop needing water, meaning that LNW should survive beyond this generation and the one after. Good record management is essential for guaranteed business continuity, as to know where we are going, we need to understand where we come from, and all that information is embedded in our records, managing them properly means that the knowledge and information about LNW will remain forever available for the future generation to refer to and do research.

LNW understands the critical importance of efficient records management in ensuring the sustainability and reliability of water services. With vast amounts of data ranging from water quality reports to customer records, LNW has implemented a comprehensive records management system to enhance operational efficiency, regulatory compliance, and data security.

Good Records Management is more than just an administrative function for Lepelle Northern Water. It is a critical component of ensuring the organisation's long-term success. By safeguarding its operational data and maintaining meticulous records. LNW not only strengthens its current operations but also lays the groundwork for a resilient and sustainable future. This commitment to sound record management ensures that future generations will have the tools, knowledge, and resources they need to continue providing essential water services to the people of Limpopo.

The following are the benefits of best practices in terms of records management.

- Improved compliance and reduced risks
- Enhanced security and data protection
- Increased efficiency and productivity
- Preservation of institutional knowledge
- Sustainability and environmentally friendly
- Paperless initiatives
- Efficient use of resources

Therefore, every employee of LNW is encouraged to practice good record management not just for this generation but also for the future generation.

## ETHICS & FRAUD HOTLINE REPORTING CHANNELS

### HOTLINE DETAILS

Hotline Name:	Lepelle Northern Water Ethics & Fraud Hotline
Contact Number:	0800 113 555
Secure Email Address:	<a href="mailto:LNW@behonest.co.za">LNW@behonest.co.za</a>
Free Post	BNT165, Advance Call Pty (Ltd), Brooklyn Square, 0075
Website Link & Chat	<a href="http://www.behonest.co.za">www.behonest.co.za</a>

# Appointment of new employees

Lepelle Northern Water (LNW) is pleased to welcome the following employees into LNW family:



**Ms. Ngoakoana Even Leboho**  
Mechanical Artisan Assistant  
Doorndraai Scheme

***Let us continue to provide them with necessary support when required.***



**Ms. Tebogo Martha Maluleke**  
Internal Auditor



**Ms. Makhadzi Parousia Phusewa**  
Internal Auditor



**Mr. Ntako Mnisi**  
Civil Artisan Assistant  
Ebenezer Scheme



**Ms. Kamogelo Mashishi**  
Civil Artisan Assistant  
Doorndraai Scheme



**Mr. Tshepo Motau – ICT Application Specialist.**