

# WATERWORX

*The official newsletter of Magalies Water*



## EDITOR'S NOTE

***Failure is an opportunity to learn and to better next time. It is the path to greatness which is not meant to be smooth - Media Personality and Entrepreneur***

Magalies Water continues to live up to its constitutional mandate by providing clean and high quality water within its area of operation. In this quarter, the leadership of the organization has been involved in high-level discussions and engagements which seek to change the face of the water sector in the country. The water sector continues to be under pressure as the current water supply is not adequate to meet the growing consumer demands and this is not exclusive to the Magalies Water context.

The Ministry of Water and Sanitation by Minister Senzo Mchunu and his Deputies, David Mahlobo and Dikeledi Magadzi visited the North West Province, to gain in-depth understanding of the state of bulk water and sanitation in the province. The entity's board led by the Chairperson Ms. Pinky Mokoto and the entire complement of the board accompanied by the Executive Committee led by Mr. Sandile Mkhize engaged the Ministry, where also developments regarding the operations and liquidation of one of the water boards which has been operating in the North West was announced. Despite these challenges we remain committed to our strategic role ensuring that customers, receive water at all times, which is of the highest quality.

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**MAGALIES WATER LEADERSHIP ENGAGES MKLM OVER SUPPLY CHALLENGES**

**TYPHIOD OUTBREAK HITS SOUTH AFRICA, CAUSING CONCERN OVER BULK WATER QUALITY**

## City of Tshwane Residents, Receive Water Supply Following CSI Intervention by Magalies Water

As part of Corporate Social Investment, a project was undertaken at Onverwacht settlement within the City of Tshwane Metropolitan Municipality. The project which entailed the refurbishment of a borehole which consisted of the total replacement of old equipment and infrastructure. The refurbished borehole will be pumping potable water into an elevated water tank with a capacity of 170 000L. . City of Tshwane will be managing the infrastructure as well as the network, ensuring that the community overcome their current water challenges.

The challenge which facing this rural community, is mainly lack of access due to clean running water owing to ageing infrastructure in the region. In addition to the infrastructure investment which had been implemented in the area, numerous boreholes in the area have dried up, which has caused further strain communities who had already been in dire need of water. As an interim measure, water tankering had been deployed in the area, while a permanent solution is sought.



**Fundiswa Ncavitsi from Eternal Flame looks on during the hand-over of the newly refurbished borehole system at Onverwacht Clinic near Cullinan**



**Lesiba Tema from the City of Tshwane, is taken through the operation guide of the borehole system which is placed at the Onverwacht Clinic in Cullinan. The system was handed over to the City of Tshwane for use.**

During the hand-over, Phatela Lebogo who is Magalies Water's Business Development and Key Accounts Manager said, this was part of Magalies Water's gesture of giving back to communities within their area of operation "as a caring organization, we have long adopted such interventions as fundamental aspects of our corporate values. While our mandate is to provide clean drinking water at a price, we equally have a responsibility to step-in and assist where there is a dire need, even if we may not reap direct economic benefits" Lebogo concluded.

With people moving from other parts of the country to Tshwane in search of economic opportunities, the mushrooming of newer informal settlements in the area, will continue to cause sustained supply constraints given the design capabilities of the system. With little activity in the area, most of the residents in the area will rely heavily on unlimited access to water in order to perform some of the domestic household activities.



**The 170 000 litre steel tank, which the newly refurbished borehole system will pump water into, for the community of Onverwacht to access water**

After the hand-over of the newly installed borehole at the local clinic, a walk-about was undertaken to another non-operational borehole, where the contractor provided a report on attempts to resuscitate its operation, but due to the prevalent lowering water tables, the process did not yield the expected results.



**From Left to Right: Mr. Tshilidzi Godzwana - Lebowa Consulting Engineers, Lesiba Tema - City of Tshwane, Khanyisa Maduna and Fundiswa Ncavitsi - Eternal Flame (appointed contractor), Phatela Lebogo and Ramotse Mogale from Magalies Water.**

Lesiba Tema from the Water Services Department at the City of Tshwane, said identified community members had been trained on the operation and low-key maintenance of the system. These people will on a rotational basis, operate and dispense chemicals which have been incorporated into the borehole's system during design to ensure that the water which be will pumped into the local reticulation network complies with all of the set standards.

Tema said, this was part of the municipality's role in empowering communities and to ensure that they take care of resources and infrastructure that is implemented in their area. He said, he hopes that the community will work alongside the municipality to ensure that the infrastructure is well taken care of, while other plans are afoot to address a worrying pattern of boreholes in the area running

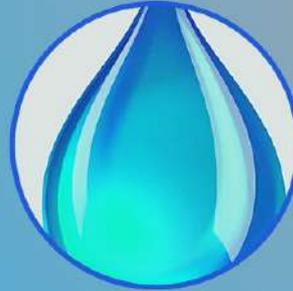


# REPORT SERVITUDE ENCROACHMENT OR VANDALISM

SAVE WATER. SAVE LIVES.

## OVERVIEW

Servitude encroachment happens when a property owner violates the rights of his/her neighbour by building on or extending a structure to the neighbour's land or property.



Illegal Connection

## IMPACT

Increased operation and maintenance costs - from the need for repair or replacement of vandalised pipes, fixtures, and fittings.

## IMPACT

Increased non-revenue water (NRW) - from water losses due to either water theft or leakage from the damaged network. Customer dissatisfaction due to service interruptions & increased water costs.



Business establishment built on a pipeline

## THERE'S STILL TIME. ACT NOW!

Take a picture and location on any illegal connections/ servitude encroachments you come across.

Send the information to Magalies Water GIS & Maintenance Department

Call the customer care line at **0860 000 720**

## Board Hands Over Certificates of Appreciation to Exco

In an unprecedented move, the Interim Board, during its January meeting awarded all the members of the entity's executive committee certificates of appreciation. The move, follows the sterling performance which has been demonstrated by the organization from its Divisional Heads to all the employees across the varying levels of responsibility. The North West based water utility has been recently lauded for submission of its annual report, which made the organization the first to submit the statutory document on time to institutions key to the prescripts and compliance requirements as outlined in the PFMA - Public Finance Management Act.



**Magalies Water's Chief Financial Officer (CFO) pictured here with Ms. Pinky Mokoto the entity's interim board Chairperson during the award ceremony**

The Chairperson of the board, said it was well known that Magalies Water continues to operate in a challenge infested environment. She said challenges range from intermittent water supply interruptions which has led to service delivery protests previously, and the rising debts owed to Magalies Water's by municipalities which continued to impede on the utility's ability to enhance its service offering by refurbishing its bulk infrastructure.

She continued "it is not everyday that we as the highest decision making body of this great institution, take time to acknowledge, the hard-work and resilience of all the employees

from the General Managers to all the employees down-below in the line of command. As such, we believe that the combined contribution of all employees needs to be commended against the challenges we are all familiar with" Mokoto said. The programme director during the special session Mr. David Morienyane who is also a member of the interim board said, despite whatever challenges had been there, hard-work and dedication of employees has to be acknowledged, as such gestures fuel the organization's employees to remain motivated despite all the difficulties the entity will encounter.



**Magalies Water's Board Members**

Magalies Water's Chief Executive Mr. Sandile Mkhize said, while what his team and the rest of the work-force were up against was what looked like an insurmountable task, it is the belief the members of the board had in his team to deliver despite the challenges prevalent in areas where the bulk water provider had presence.

Mkhize remarked "I must admit that in my time in this institution this is a first. I do not remember of any time a board, had decided to show their gratitude in this way. There may not be a monetary aspect to this gesture, but it sure makes us feel good and encourages us to continue working hard while knowing that our combined efforts are appreciated. I believe I speak on behalf my colleagues present here today" said the Chief Executive.

Magalies Water has in recent month's been making news-headlines as a result of the achievements which have been recorded from the work which has been done by board and executive committee members. The entity clinched another clean audit, with an improved performance of 95% from the previous 93% improvement in the 2019/20 financial year.



**Mr. Sandile Mkhize** Magalies Water's Chief Executive Addresses the Board

Dr. Thembinkosi Twalo, who is the Board's Deputy Chairperson said, it is critical to complement the Executive Committee and the rest of the work-force. It is a sign of appreciation, while there are differing levels of operation and accountability, everyone is working towards a common goal. Twalo added "we remain humbled by the support and co-operation which we have received since our appointment. Many of the achievements we have registered, would have not been possible without your contribution and commitment" Twalo commented.



**Dr. Thembinkosi Twalo**, Deputy Chairperson of the interim Board

While making closing remarks after the special ceremony, Mr. Itumeleng Mosala said, the board remains pleased with the dedication and efforts of the entire staff complement as this is assign that the board has the support of everyone to ensure that all the strategic objectives are met and where possible, performance exceeds expectations



**Mr. Itumeleng Mosala** - Member of the Interim Board







**Magalies Water's Executive Committee:**

**Standing Left-to-Right: Mr. Archie Gonggang, Ms. Lerato Mokoma - (Board Administrator), Ms. Buyiswa Bingwa, Mr. Ofentse Nthutang, Mr. Sandile Mkhize, Ms. Maite Sefala, Mr. Mukesh Dayanand and Mr. Washington Nyika.**

**Sitting Left-to-Right: Mr. Sanele Jele, Ms. Matshidiso Tabane, Mr. Sandile Ngcobo, Ms. Kelebogile Mogamisi and Mr. Jimwell Leburu.**

**COVID-19**  
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**CORONAVIRUS**

## Executive Squares-Off with Moses Kotane Municipality to Resolve Water Challenges

The Executive of Magalies Water, had extensive engagements with the political and administrative leadership of Moses Kotane Local Municipality. The meeting followed incidents which resulted in prolonged water supply interruptions which emanated from challenges experienced at the utility's largest water treatment plant - Vaalkop, which supplies Moses Kotane, Thabazimbi and Rustenburg Local Municipalities with bulk water. With the numerous supply and demand challenges which have been prevalent in recent weeks, the municipality deemed it fit to engage Magalies Water with a view of receiving a comprehensive report as it relates to the current challenges.



**Magalies Water's Executive with the political and administrative leadership of the Moses Kotane Local Municipality engaging over water supply challenges in a meeting held at the utility's Rustenburg Head Office**

Some of the issues, which ranked high on the agenda in the meeting attended by the entity's Chief Executive Mr. Sandile Mkhize and the company's GM: Engineering Mr. Ofentse Nthutang, included the following:

- Deteriorating raw water from source
- Intermittent power supply challenges, as a result of Eskom's unreliable electricity supply
- Breakdowns forcing the plant's operation into a halt
- Pipe bursts on the bulk supply line



**Sandile Mkhize - Magalies Water Chief Executive, engages MKLM Municipal Manager on the side-lines of a community engagement in Mogwase, following an earlier meeting in Rustenburg**

In response to the issues presented by the leadership collective of Moses Kotane Local Municipality, Magalies Water responded as follows as it relates to the challenges presented:

1. Poor raw water quality of the Crocodile River: The Haartebeesport dam condition typifies the raw water which is treated at the Vaalkop WTW. Poor quality raw water results in overloading of sand filters, which requires frequent backwashing (high water losses, increased chemical consumption, and reduced output to consumers)
2. Due to experienced power interruptions by Eskom (e.g. a power interruptions of 30minutes may result in total Water Treatment Works shutdown, which may take between 2-4 hours restarting all the plant components manually). This results in less output to Consumers and may affect reservoir levels.
3. Low storage capacity by Water Services Authorities (WSA=Municipalities). As per our Water Supply Services Level Agreement (SLA), we expect WSA and other bulk customers such as Mines to have a 48 hours of storage capacity.

In the case of Moses Kotane LM, the Bodirelo reservoir is 3ML, which provides less than 6 hours of storage capacity. In Mogwase, Moses Kotane LM has just completed and commissioned 10ML reservoir next to the existing 3ML. This provides a storage capacity of 13ML, which is about 18 hours of buffering capacity. Vandalism of bulk water and reticulation infrastructure remains a serious concern, as there are perpetrators who are sabotaging service delivery to communities for their business and nefarious benefits.

After the meeting, the municipal delegation was accompanied by the Magalies Water executive to Mogwase where the community had gathered in anticipation of the feedback arising from the earlier engagements in Rustenburg. Due to the volatility of the situation arising from the frustration of residents, the South African Police Services were on site to quell-off any sporadic incidents of public violence.



**Mr. Ofentse Nthutang addresses the community of Mogwase on the outcomes of the meeting, which was held earlier at Magalies Water's Head Office in Rustenburg**

In the evening following the community engagement many parts of Mogwase had already started receiving water supply. Where there had been challenges, Magalies Water had deployed water tankers to prevent the effects of prolonged water outages, which were also compounded by depleted reservoirs levels, which required additional time to recover sufficient supply and pressure to enable supply. Magalies Water continued to communicate with the affected communities using local media platforms for updates on the implemented interventions until the supply returns to normality.

Magalies Water also responded to allegations surrounding the deployment of water tankers, during service interruptions. This arose from comments which were made by community members in the local media fraternity, on the reliance of water tankers as an interim measure during periods in which normal bulk supply was unavailable. In his response to the issue, Magalies Water Spokesperson David Magae, said in terms of the bulk supply agreements between the entity and the municipalities, where water supply interruptions had been effected for over 48 hours, and bulk customers do not have the necessary storage capacity, tankering is used as an intervention until normal water supply resumes.



# NATIONAL WATER WEEK 21-27 March 2022

SUMMIT 2022 | 22 - 25 March

GROUND WATER - MAKING THE INVISIBLE, VISIBLE



## Water and Sanitation Ministry Concludes Nation-Wide Engagement Session in the North West

Following an announcement by the President on changes to the national executive which resulted in the current Minister of Water and Sanitation Senzo Mchunu taking over from former Human Settlements, Water and Sanitation Minister Lindiwe Sisulu, the department was reconfigured. This resulted in human settlements being re-established as an independent portfolio, while water and sanitation was a revamped department. First on the action-list of the newly appointed Minister, Mchunu undertook a nationwide road-show to engage all the water boards and municipalities in understanding the gravity of challenges as it relates to both bulk water and sanitation services as well as reticulation which is the purview of the municipalities. Magalies Water in 2021, met Mchunu on two occasions in Limpopo and Gauteng provinces, where the North West based entity has operations in the Waterberg District and Tshwane metropole in Gauteng.



**Minister Senzo Mchunu, opens the final leg of his nation-wide three-day engagement session in Rustenburg.**

Chairperson of the Interim Board Ms. Pinky Mokoto led the Magalies Water delegation, which was invited as part of the key stakeholders operating in the North West Province. The entity shared some of its challenges, which mainly are linked to the growing debt owed by municipalities, to the water utility. As at the end of the 2021 calendar year, Magalies Water was owed about one-hundred-and-twenty-three million rands.



**Ms. Pinky Mokoto, Chairperson of the Interim Board, provides an overview of the performance of Magalies Water and challenges prevalent in its area of operation in the North West.**

Of the total debt, the Madibeng Local Municipality, accounted for about 42 percent of the total debt. Mokoto said, this trend continues to worry the Board and Management of Magalies Water as this has an adverse effect on budget processes and capital expenditure projects, which are intended to improve business operations and efficiency as it relates to service to its bulk customers. This can be achieved with the improvements and or infrastructure upgrades.

On the second day of the three-day meeting, Mchunu, accompanied by his two deputies, David Mahlobo and Dikeledi Magadzi were in Dinokana village, outside Zeerust in the Ngaka Modiri Molema District Municipality. The purpose of their visit there was to hold a community imbizo, to get a first-hand account of the issues which the communities of Ramotshere Moiloa Local Municipality have been experiencing. For a number of years, the area has been hogging news headlines over inconsistent and lack of bulk water supply to

communities. Similar water related challenges have been more pronounced at the Ratlou Local Municipality in the same district. The district which is being serviced by the soon-to-be defunct Sedibeng Water, was previously under the auspices of Botshelo Water. The erstwhile water board, was dissolved by the previous Minister of Water and Sanitation Nomvula Mokonyane, as a measure to improve service delivery efficiencies.

This resulted in the water board, being collapsed into Sedibeng Water, which did not previously service the North West Province. However, to the dismay of many rural communities in the district these developments have not yet addressed the urgent need of clean drinking water which remains a challenge to date.

The meeting was also attended by North West MEC for Local Government and Traditional Affairs Linah Miga. Minister of Water and Sanitation Senzo Mchunu, said the time for talking had come and gone. He added " I understand your frustrations fully and it is for that reason, when a request was made for us to come here and see for ourselves, we opted not to miss such an opportunity.



**Ngaka Modiri Molema District Mayor, Councillor Khumalo Mofele facilitates meeting between the Ministry and Dinokana residents**

Mchunu, has reiterated his call for communities to convene community forums which will oversee water and sanitation related services. Mchunu challenged the community to speak in one voice, and work in collaboration with the department and local government to ensure water security in the community. "We are here to not only listen but to ask for a marriage, where we all work together in a concerted way to help find solutions to water challenges you are experiencing in the community," Mchunu said.

Deputy Minister Mahlobo also encouraged community members to practice active citizenry by not being afraid to voice out their dissatisfaction when water services are not being rendered. "Do not be afraid to ask your mayor when you will get water coming out from your taps in your yards. You must never ever be afraid to say to us you don't want promises, you want clean running water, because I can assure you, we are not here to make empty promises [but] to ensure work gets done and follow through on what we set out to do," Mahlobo said.

Community member Khumoitsile Mothoagae, urged the Minister to ensure that unemployed young people in Dinokana are considered during bulk water projects implementation in the community. "We are hungry for employment opportunities and we are raising our hands to ask for assistance," Mothoagae said.



Report water leaks and infrastructure vandalism  
to your local municipality.  
Alternatively, contact the Department of Water and Sanitation on  
**0800 200 200**

**"Preserve water. Preserve life."**

WATER IS LIFE - SANITATION IS DIGNITY



# Typhoid Outbreak Hits South Africa, With Concerns over Water Quality

Magalies Water has noted the reported cases of typhoid in South Africa. Current, reports indicate that recorded cases have been confirmed in Gauteng and North West which are two provinces in which Magalies Water operates. Customers are reminded that the National Institute of Communicable Diseases of South Africa (NICD), has confirmed that there is no evidence which links the current outbreak to municipal water sources.

Typhoid fever is a systemic disease caused by salmonella enterica bacteria which can be a result of high faecal coliform. Magalies Water has not detected high faecal coliform in its treated drinking water and complies with the South African National Standard for drinking water, SANS 241:2015. As a safeguarding approach, Magalies Water will continue to monitor its water to ensure that it is compliant to the standard and suitable for consumption.

Magalies Water, as part of its standard operating procedures regularly samples and analyses the quality of the bulk water it produces before it is supplied through various bulk networks from which municipalities are able to reticulate water to both commercial and non-commercial customers. Furthermore, Magalies Water Scientific Services Laboratory serves as the water board’s buffer to detect any anomaly which may be identified in the water treatment processes, and which may pose health risk to our customers.

We urge our customers to remain calm and continue to be assured that our water remains safe for use and consumption, as it meets the water sector standards from production to the point of sale.

### SYMPTOMS AND TREATMENT



- Following a 5 to 21-day incubation period, typical signs, including diffuse abdominal pain, headache, prolonged fever, anorexia, nausea, loss of appetite, and constipation or sometimes diarrhea, progressively appear<sup>4</sup>.
- Daytime drowsiness and nighttime insomnia are characteristic signs.
- Possible complications include gastrointestinal hemorrhage and perforation, heart failure, and encephalitis.
- Effective antibiotics are available, and the prognosis in patients under treatment is usually favorable.

## TOGETHER WE CAN FIGHT CORONAVIRUS

VIRUS PREVENTION IS IN OUR HANDS!



Wear a Mask



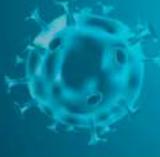
Wash Your Hand



Avoid Crowds



Contactless


CORONAVIRUS

## Sector Wide Reforms Take Centre Stage at National Water Summit

The Ministry of Water and Sanitation, kept good on its word, when it hosted a 2-day national water summit in Midrand, Gauteng. The summit followed extensive consultations and engagements that the department had commenced with since late last year. As part of the resolutions, it was agreed that once the department had concluded its working visits to all the provinces, a national water summit will be held.

This with a view of consolidating ideas and agreeing on a common approach in dealing with some of the prevalent challenges in the sector, while providing support to both municipalities and water boards in improving service delivery. Key to the issues which had been deliberated upon, was to ensure that the sector remains financially viable for business continuity purposes. The national water summit, came at a time when there had been strong calls by the ministry to conduct a proper assessment of the sector and where necessary, overhaul the system.

During his visit to the North West, Minister Senzo Mchunu said work had already commenced to review the current state of water boards in the country, "we have undertaken an initiative as a result of the comments and feedback we sought while we were visiting provinces. Consequently we have started to review the mandate of water boards, the current number of entities in operation, as well as their areas of operation or simply put "foot print" remarked Mchunu.

This announcement, follows a decision by the Ministry, to dissolve Sedibeng Water which was operating in the North West, Free State and Northern Cape. The water board, which has been cash-strapped for a number of years, was unable to make profit in order to become self-sufficient. The failure, to pay the current debt by municipalities, has been flagged as the main reason, for its collapse.

The two day meeting, was attended by numerous members of the national executive including the minister for Agriculture Minister Thoko Didiza, Gauteng Premier David Makhura and Co-operative Governance Minister Dr. Nkosazana Dlamini-Zuma. Some of the issues, which arose from the different commissions included the following:

(1) Creditworthiness programs and project preparation facility at the municipal level to support poorer municipalities. This extends to debt collection, where government will do bulk buying of prepaid meters, for municipalities to buy from government- this will introduce metering across the board. (2) Collection policy on informal settlements and low cost housing (3) Develop a Communication Strategy in order to create awareness to the public with regards to the importance of paying for Water Services (4) Ensure strong Business plans are provided for grant funding to municipalities and prioritize water conservation and demand management projects.



## Magalies Water Visits Rekgonne-Bapo Special School Ahead of National Water Week

Ahead of the national water week activities which were held between 21 - 27 March country wide, Magalies Water visited Rekgonne-Bapo Special School in Madibeng Local Municipality. The school which is the first of its kind in the region, has been established to specifically cater for school going children with varying needs. The school principal Mrs. Molly Mbane was elated that her school was the preferred venue for the educational awareness around water conservation as well as information on efficient water usage.

The school was established in 1993 with the principal being the only teacher and about nine learners. This was as a result of the need by members of the community to have a school dedicated to children with special needs, while at the time the only special needs school was in Ga-Rankuwa in the neighbouring Gauteng Province. The parents whose children required a school to accommodate their needs formed a relationship with Mrs. Mbane who was one of the teachers at the Ga-Rankuwa based school residing in Bapong.



**Magalies Water Mobile Water Treatment Plant at Rekgonne-Bapo Special School to Demonstrate the Water Treatment Process from source to tap**

Due to challenges, with the small travelling group between North West and Gauteng, including incidents where some of the learners were lost in transit, Mrs. Mbane approached the local tribal authority to lobby support for the establishment of a special school in their village. After making a formal proposal to the department of education, the approval was granted and this paved the way for the construction of the school.



**Magalies Water laboratory technician demonstrates to learners about the water treatment process before consumers can utilize the resource as end-users.**

The local tribal authority contributed to the construction of the school, by building the first four classes inclusive of the current administration block at the school. Mrs. Mbane said this was a welcome gesture and evidence that she had the support of the entire community in ensuring that this school becomes a successful community project, which the entire community could take pride in.



**Magalies Water Scientific Services team led by Dr. Masindi provided an overview of their individual areas of operation**

The school has come a long-way, to what it is today. With only 9 learners the late husband to the principal started a transport scheme for the children who lived far-away from the school to ensure that attendance was consistent as the school had no funds for a transport scheme at the time.

The school has mainly been assisted from its inception through donations until the department of education, started directing funds to the school from their annual budget. Mbane continued "while we appreciate the work done by the department, our challenges are many as this is not an ordinary school and as such most of our needs are not the same as of the schools where the learner population is not of children with special needs" she concluded.

Mrs. Bulelwa Mokori who is a community member joined forces with Magalies Water to put together the event ahead of the National Water Week. Mokori said, she is aware that schools housing children with special needs are overlooked while attention is given the main-stream schools, especially as it relates to technical subjects and careers "it is worrisome that schools such as Rekgonne-Bapo have been relegated to hosting certain activities. . It pleases us well that Magalies Water deemed it necessary to come here and spend an entire day with the learners while educating them about the importance of saving water as well as exposing them into how they operate" Mokori concluded.



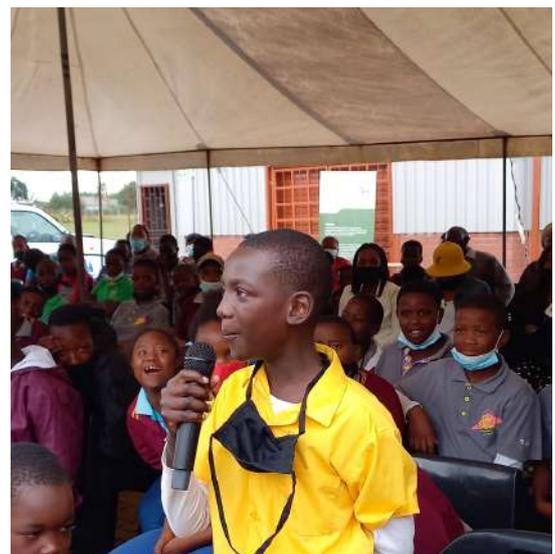
**Magalies Water's Official Mascot Rametsi**

The event was also attended by members of the community inclusive of the parents who make-up the Rekgonne-Bapo's school governing body collective. Many of the learners were intrigued by the intricate processes involved in ensuring that communities have access to clean drinking water. Further to that, the Magalies Water team which was there interacted with the Grade 4 and 5 learners who had shown keen interest in careers available within the water sector.



**Dr. Vhangwele Masindi explains to the community members present and learners on what the responsibility of the Scientific Services Laboratory is in assisting Magalies Water achieve its mandate**

To date the school has 25 teachers and support staff comprising of 33 members who work along side the teachers on a daily basis. The school will be commencing with a construction of a learner residence as travelling from the school on a daily basis has continued to pose a serious challenge for the learner population. The school principal thanked everyone who made the event a success and an eye-opening opportunity for the learners.



**One of the learners at Rekgonne-Bapo participating in the water awareness activity held at the school recently**

## Magalies Water Joins Hands with Impala Platinum to Host High School Learners at the Vaalkop Water Treatment Plant

As part of activities, for the annual national water week, mining giant Impala Platinum in collaboration with Magalies Water, hosted about 30 learners, from the Bojanala Platinum District. The group comprising of grade 10 and 11 learners are in the mathematics and science education stream.

The group spent a day learning about the numerous fields within the water sector as well gaining knowledge into the water treatment process. After a day of interactive sessions, which included questions and answers, they undertook a plant tour of the Vaalkop Water Treatment plant.

The schools included:

- Bafokeng High School
- Charora High School
- Freedom Park Secondary School
- Matale Secondary School
- Matsukubiyane Secondary School
- Mmanape High School
- Molotlegi Secondary School
- Thethe High School



**Grade 10 and 11 learners in the company of their teachers, listen attentively at the presentation which were made by officials from various technical divisions which are responsible for plant management and bulk water distribution**

The learners spent the day with officials from the different departments of the Water Board in understanding the role of how each department contributes to the broader goals of Magalies Water. Some of the interactions included presentations, which included segments for discussion on the following areas:

- The relationship of Magalies Water and the municipalities it provides bulk water services
- Water Quality assurance and causes of service interruptions
- The importance of water conservation and heightened water consumer demands
- How technology assists Magalies Water, to optimally deliver on its mandate using its Scientific Laboratory Services and Geographic Information System
- Careers paths in the water sector, as well as how Magalies Water fulfills its corporate mandate through availing opportunities for learning and employment opportunities.

As part of response to the clarion call, Impala announced a competition, in which 30 learners would be granted access to Magalies Water's largest water treatment plant if selected as winners from its essay competition. Learners competed by handing their essays on the importance of protecting water sources and how they can become active participants in water saving initiatives in their respective communities.



# ***Vision***

*To Be The Leading Provider of Quality Water Services in South Africa*

**Contact Details**

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