

# MCL NEWS



Maamba Collieries Limited

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## MINISTER OF GREEN ECONOMY AND ENVIRONMENT LAUDS MCL COMPLIANCE

In a recent visit to Sinazongwe district, Hon. Eng. Collins Nzovu, MP the Minister of Green Economy and Environment,... [Continue to page 3](#)



WORLD ENVIRONMENT DAY WALK



**MR. ASHWIN DEVINENI**  
**RESIDENT DIRECTOR**

MESSAGE



**D**ear Readers,

It is gratifying to note the recognition of the Minister of Green Economy and Environment for MCL's compliance with and commitment to environmental standards. This is intrinsic to our vision and I am also happy to see this focus is also being extended to include the community and younger generation in the community.

The Graduate Engineer Trainee programme at MCL is indeed welcome and showcases MCL's intent to train and prepare young Zambians to be a core part of the company's operations.

Glad to note that the management continues its efforts for the development of the community, which is in keeping with our CSR tag line ...Making a Difference!

The adoption of new geology mining software to be operated and implemented by our own team is a step towards capability building, which will help the company towards its quest for excellence.

I once again reiterate the need for all of you and your families to stay well and be safe!

**Ndalumba kapati, Natotela saana, Dzikomo kwambiri.**

## RD'S MESSAGE





**LT COL CYRUS MINWALLA (RETD)**  
**CHIEF EXECUTIVE OFFICER**

MESSAGE



**D**ear Readers,

MCL continues to maintain the highest possible standards in the aspects of environmental management and compliances. Appreciation voiced by the Minister of Green Economy and Environment Hon. Collins Nzovu on MCL's high standards of environmental compliance during his visit to Maamba in July, is a clear testament to the efficiency of MCL mining, SHEQ and TPP teams.

Our involvement with the community to keep Maamba Clean and Green, always forms part of our activities. I compliment our SHEQ team for organizing an inspiring event that united school children, community leaders, and corporate stakeholders on World Environment Day.

Engineers from the Mining Department are continuously being nominated to attend technical training sessions to keep abreast with mining methods and technology. Acquisition of modern geology software, Datamine, will enhance MCL's capacity to manage geological models, mine planning, and scheduling with ease and accuracy.

MCL, in coordination with Operation Eyesight Universal Ministry of Health (UTH Eye Clinic) and other NGOs, conducted a free eye surgery camp at Maamba Eye Clinic which was established by MCL in October 2022. 75 cataract and other eye surgeries were conducted thus fulfilling a long pending need of the community. My compliments to our MDT and Medical team for organising this.

MCL proudly unveiled its newest community facility - the Maamba Community Library on 21st July. The objective is to provide school children of Maamba a suitable place where school textbooks of every subject are available and a conducive study and reading environment. I'm happy to state that the library is heavily subscribed by the children and students. My compliments to MDT and HR teams for conceptualizing and executing this.

We remain committed to ensuring that our operations and activities are in full compliance with regulatory and environmental laws. We take our safety motto "Zero Harm" very seriously.

Thank you.

# MCL'S THERMAL POWER PLANT AND MINING OPERATIONS EXEMPLIFY ENVIRONMENTAL COMPLIANCE - MINISTER OF GREEN ECONOMY AND ENVIRONMENT



Hon. Eng. Collins Nzovu, MP Minister of Green Economy and Environment with MCL CEO & Senior Management

In a recent visit to Sinazongwe district, Hon. Eng. Collins Nzovu, MP the Minister of Green Economy and Environment, along with his team, conducted a comprehensive inspection of various mining corporations in the province. The visit aimed at assessing the adherence to environmental guidelines and the impact of mining activities on the local ecosystem and community.

The ministerial visit highlighted Mamba Collieries Limited (MCL) as a shining example of environmental compliance and dedication to sustainable practices in the province. MCL, a key player in Zambia's power generation and mining sectors, has

been taken every measure to ensure its operations are in alignment with stringent environmental protection laws.

Hon. Eng. Collins Nzovu, MP specifically commended Mamba Collieries Limited for its proactive stance in safeguarding the environment, "MCL's efforts in adhering to environmental protection laws have not gone unnoticed, and the company's contributions towards greening the environment in Sinazongwe district have been applauded."

The ministerial inspection revealed that some other mining companies that he visited were found to be non-compliant with environmental

regulations – with problems of dust pollution, inadequate wastewater management, and degradation of ground and surface water resources. Addressing these issues has been placed at the forefront of the government's agenda.

The minister urged closer monitoring of errant companies and made it clear that such practices will no longer be tolerated, and strict actions will be taken against those found guilty.

"As the nation forges ahead towards a more sustainable and environmentally conscious future, this visit shed light on the challenges



that still need to be tackled. It also highlighted exemplars in the industry, such as Mamba Collieries Limited, which demonstrate that adherence to environmental guidelines and responsible mining practices can co-exist with profitable ventures," he said. The Minister took time out to commend MCL's Mine Manager Mr Scott Phiri and the SHEQ Manager Mr Yotham Phiri for the commendable performance in maintaining good mining practices and environmental standards. The Minister also congratulated the Head of MCL's Thermal Power Plant for maintaining emission standards that were exceeding those laid down by ZEMA and World Bank.

The Minister's visit underscores the government's commitment to creating a balance between economic growth and environmental stewardship. With companies like MCL leading the way, Zambia's journey towards a greener and more sustainable future remains on course.



Green Environment at the work place



# CHPP – COAL HANDLING PROCESSING PLANT



Truck loading at CHPP



Finalising paperwork after loading

Over the years, Zambia’s reliance on coal as an alternative source of energy has experienced remarkable growth - leaping from about 191,076 Tonnes in 2016 to an estimated 644,883 Tonnes in 2020 according to data from the International Energy Agency (IEA).

MCL, as the largest coal producer in the country, accounts for production of a majority of Zambia’s annual coal demand.

However, despite the large production capacity, Maamba Collieries employs elaborate procedures and processes to ensure individual clients get customized specifications of coal to meet their unique needs.

This strategy is enshrined in the entire production process starting with exploration, systematic mining methods, laboratory testing, coal processing, and storage, among others.

“After mining, the thermal grade coal goes to the power plant where it is converted to 300 MW of baseload power, providing much needed energy security to the nation. The rest of the coal is fed to the Coal Handling and Processing Plant through the Runoff Mine (ROM) tip,” notes Steadwell Sinzala, Plant Coordinator at the CHPP of Maamba Collieries Ltd.

Mr. Steadwell, who oversees operations of the Coal Handling and Processing Plant (CHPP) explains that the main function of the plant is to wash and reduce large chunks of coal to appropriate sizes and sort them into distinct categories depending on client specifications.

From the CHPP, there are three main varieties of coal obtained namely - Washed Coal Nuts, Washed Coal Peas and Washed Coal Fines which are separated depending on variables including as size; Sulphur and ash as well as moisture content etc.

“From the ROM tip, the large chunks of coal are moved to the primary sizer/ crusher where they are reduced to 150mm. From there the 150 mm sized coal is sent to the secondary sizer or crusher, where the material is further reduced to not more than 50mm.

After further reduction, the material goes to the screening plant where Coal Fines are removed from the crushed material before it is fed into the washery.

Notably, MCL’s CHPP is designed to be a closed system to minimise its impact on the surrounding environment. Accordingly, all by products of the plant processes - including wastewater and coal particles are reused within the mine, power plant and the CHPP to minimise wastage, which is in keeping with MCL’s eco-friendly policies.



# MCL MAKES PLANS TO ENSURE CONTINUOUS SUPPLY OF WATER TO POWER PLANT AND MAAMBA COMMUNITY



Senior Mine Captain, Noel Hambwaza monitoring the project works

**A**ssured water supply is critical for the wellbeing of any community. Recognizing the importance of this, MCL is undertaking a significant initiative to establish a long-term solution for supplying water to MCL's Thermal Power Plant operations and also for the community in Maamba.

MCL's Senior Mine Captain, Noel Hambwaza, stated, "In pursuance of MCL's commitment to alleviating the water challenges that have faced Maamba due to climate change and low water levels in the lake, the company has embarked on a project to establish a long term solution to the deeper regions of Lake Kariba. Last year, MCL was forced to resort to hiring dredgers to access adequate water depths for the pumping station, to ensure the community and livestock could have access to this vital resource.

Mr. Hambwaza further explained that the construction efforts include widening the road, constructing power lines and water pipelines. The road expansion importantly will facilitate vehicle access for inspection and servicing of the pumping station. MCL, steadfast to its mission of transforming lives of community in which it operates, is ensuring that the Maamba community also gains access to an improved road network in a rural area that will foster business opportunities and provide easier access to schools and healthcare facilities.

"In the past," Mr. Hambwaza noted, "our community members faced numerous challenges due to lack of road networks. They struggled to access their farms, carrying produce to markets was nearly impossible, fishing camp residents found it arduous to sell their catch, and those in need of specialized ambulance services had to resort to carrying their sick relatives on their backs. Thankfully, these



New pipes for the pipeline extension



Road expansion works at Lake Kariba Pump Station

difficulties will soon become a thing of the past once the road construction is completed."

He emphasized that the relocation of water pumps to the deeper part of the lake would not only benefit the mine but also the broader Maamba community. "The power plant and mine are dependent on water for its operations; notably, this initiative will also ensure increased water supply by MCL to SWASCO and to the wider community, and thus is a win-win situation for all parties involved," Hambwaza explained.

# MCL'S GRADUATE ENGINEER TRAINEE PROGRAMME



**Eng. Taonga Chipeta**  
Happy to join MCL's GET Programme

**M**aamba Collieries Limited (MCL) continues to break new ground in the Zambian mining sector with its Graduate Trainee Engineer (GET) Programme.

"This batch, comprising eight graduate engineering trainees have been selected from the University of Zambia (UNZA) and the Copperbelt University (CBU) after undergoing a rigorous selection process comprising knowledge of theoretical concepts and practical application. The eight include one civil, two electrical, two mechanical and three mining engineers."

The one-year GET programme includes training in various areas of technical operations ensuring that each GET gets exposure from all technical departments of MCL.

Fred Hamena, MCL's Mine Superintendent and in charge to run the GET program, explained how the programme has evolved since inception, "The Graduate Engineering Training programme involved selecting fresh graduates from

all engineering streams to undergo comprehensive one year training before being integrated into the workforce. Emphasis has been laid on teaching mining concepts, practical knowledge and a thorough understanding of Mining Regulations and Environment standards," said Mr. Hamena.

The trainees undergo a structured programme over the course of a year, involving rotations across various departments. The first six months comprise stints at the mining, electrical, mechanical, and structural engineering departments. This diverse exposure allows trainees to comprehend the entire scope of MCL's operations. Thereafter, the subsequent six months are spent on specialized training for the trainees in their respective fields.

"MCL's aim is to produce a skilled and versatile labor force capable of taking on various responsibilities across different engineering domains. This approach ensures continuity and a seamless transition in the event of staff changes," explained Mr. Hamena.

The programme's structure includes regular assessments to ensure monitoring level of trainees' comprehension and practical application of the knowledge gained. This process, in which trainees must demonstrate their skills, ensures higher standards of training.

"So far, the trainees of the first batch have gone through four modules, and at the end of each module, we assess them before they move on to the next module. So, they have to continually prove themselves to us that they understand and have assimilated the material that they are learning, and they are able to use them practically in the field" Mr. Hamena added.

Meanwhile, one of the trainees, Ms. Taonga Chipeta, an Electrical and Electronics Engineering graduate, says "I have never had internship or attachments throughout my programme of study, hence graduate training is a particularly good ground for people like me with little experience. I feel extremely comfortable, I have learned all the pit operations and despite not being trained in mining, I am getting to understand it."

"I have staff members and trainers who are giving me all information and I am not scared to make mistakes because I know there is someone who is overseeing me properly and I am able to contribute as well," said Taonga, who is one of the two female trainees in the batch.





**Henry Mbao, GET programme trainee attending specialized training on Datamine**

Another trainee, Mr. Henry Mbao, one of the three trainees attending training on a specialized mining software named Datamine, explains his experience of the training. “The first four days of the Datamine training have been wonderful; the way am getting the feel of the software itself is really helping me develop my career as a mine planning engineer. This programme will benefit a lot of people, MCL should bring in more graduates because they will be connecting academic knowledge to the hands-on experience,” said Mbao.

The success of this pioneering initiative is expected to set new standards for training in the mining sector, highlighting the importance of a mix of theoretical and practical exposure and fostering a generation of engineers equipped to meet industry demands.





# EMPOWERING MINING EXCELLENCE: MCL EMBRACES DATAMINE SOFTWARE FOR FUTURE SUCCESS



**E**mbarking on a cutting-edge journey towards enhanced efficiency and precision in mining operations, Maamba Collieries Limited, the nation's largest coal mining concession is progressing the adoption of Datamine, a modern geological planning software.

Recognizing the potential of this shift, MCL has selected a team of six mining engineers from geology and mining to undergo an intensive month long training session to master the intricacies of the Datamine software.

This strategic move promises to enhance MCL's operations, by way of capability building and acquire the technology and expertise to manage complex geological models, undertake mine planning, and scheduling with greater ease and enhanced accuracy.

At the heart of this transformational initiative is Richard Chimuka, a dedicated Senior Mine Planner with a long history at MCL since joining the company in 2016.

"Datamine software empowers us to create geological models that drive mine planning and scheduling, serving both short-term and long-term production needs. The software streamlines the process, from designing pits to scheduling activities on a monthly, weekly, or even daily basis, catering to the intricacies of the mining operation," Mr. Chimuka explained.

According to Mr. Chimuka, what sets Datamine apart is its user-friendly interface, making complex tasks accessible to the team.

"It's user friendly design makes it easier to operate, thus enabling us to efficiently produce the information required for sales and power plant operations. This software is crucial



Capability Building - Learning Datamine Software

as we continue to grow, both in coal production and power plant expansion. It equips us with the insights needed to ensure steady production coal for sales and energy generation," Mr. Chimuka emphasized.

With a dual focus on reserves and planning, the team's objective is clear. "Our geologists will be able to identify the reserves, while the mining engineers will translate these reserves into actionable plans. From designs to scheduling, we are committed to creating an integrated approach," Mr. Scott Phiri, Mine Manager of MCL stated.

MCL's approach of remaining abreast of the best in the industry practices extends to nurturing the next generation of mining professionals. "We have extended this training to three GETs from the mining department to equip them with the knowledge to seamlessly integrate the software into their work as they complete their internships," Mr. Chimuka further highlighted.

As the team dives deep into new technology in mining, the implementation of this software underscores MCL's unwavering commitment to technological advancement and employee growth, setting the stage for a new chapter in mining excellence and operational success.



# MCL ENSURES LEARNING AND DEVELOPMENT FOR MINING ENGINEERS



MCL mining engineers with compatriots from other mines attending a specialized Drilling and Blasting workshop in Solwezi

**T**he company makes every effort to ensure its workforce remains abreast of the latest industry practices and technology. In a recent initiative to stay at the forefront of technological advancements within the mining industry, MCL has taken necessary steps to provide its staff learning and development opportunities.

A recent noteworthy initiative involved a team from the Mining Department, who recently participated in a series of specialized training programs. Among these programs were the Blasting Master Class, and Geotechnical & Rock Mechanics training sessions.

The Drilling and Blasting Master Class Workshop took place at Solwezi,

Zambia, and saw the participation of a team of four highly skilled Mining Engineers, including Mine Captains and a Mine Superintendent. This training focused on enhancing the quality of drilling and blasting techniques.

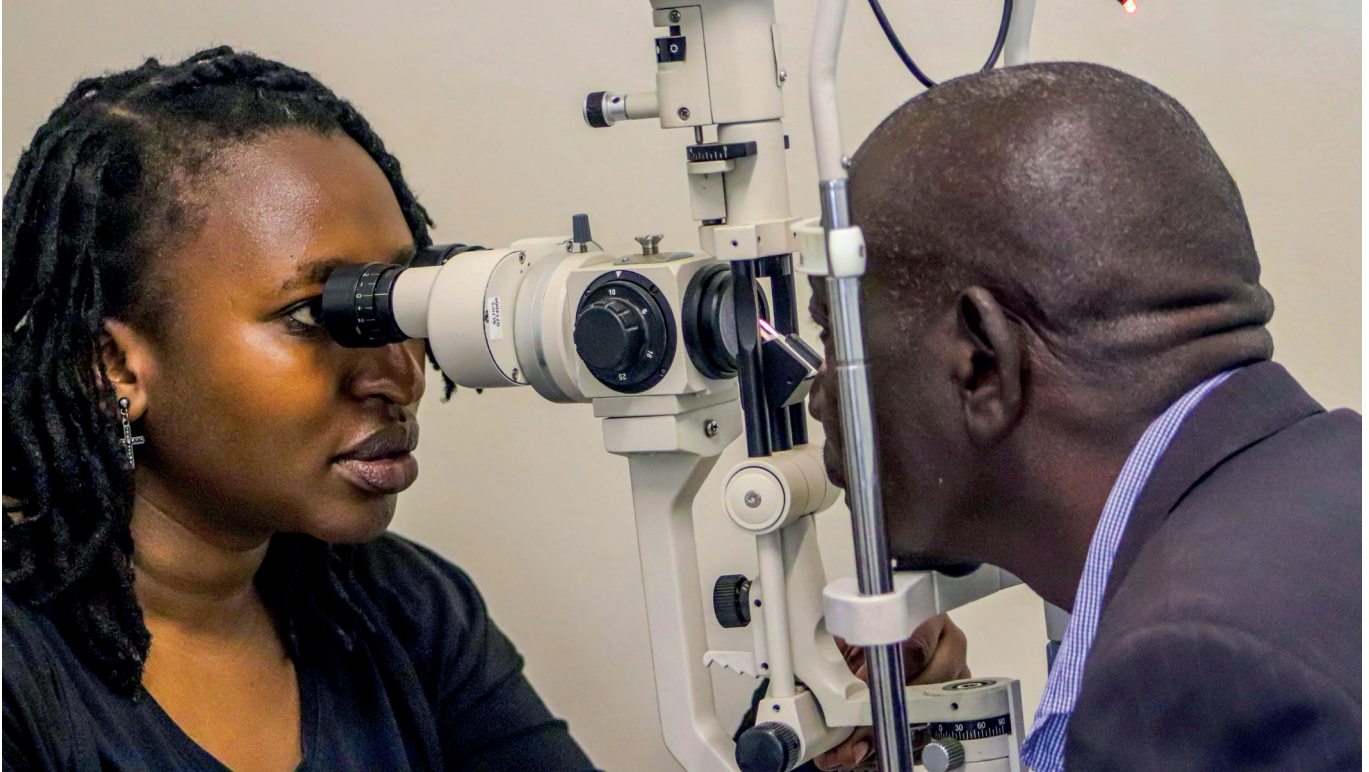
Key topics covered during this workshop included perfecting fragmentation techniques, reducing operational costs, controlling noise and vibration, and ensuring high wall stability. These critical aspects of mining operations are essential for maintaining safety and efficiency in the field.

In addition to the Drilling and Blasting Master Class, MCL also sent its miners for Geotechnical and Rock Mechanics training. This specialized training session was also held at Solwezi during the month of June 2023.

The Geotechnical and Rock Mechanics training addressed a variety of pertinent issues, including the rock mass classification process, understanding key elements of pit slope design, and the critical task of geotechnical mapping. Participants also gained valuable insights to addressing rock mass characteristics in the context of open pit slope design, a crucial factor in optimizing mining operations for safety and efficiency.

These recent investments in staff learning and development underscore MCL's efforts to remain at the forefront of practices and technology in the mining sector. By equipping its team with advanced knowledge and skills, the company is poised to continue its track record of success while adapting to the evolving landscape of the mining industry.

# MCL CONDUCTS EYE SURGERY CAMP FOR THE PEOPLE OF MAAMBA



Closely monitoring eye health of community members

**M**aamba Collieries Limited (MCL), in collaboration with University Teaching Hospital (UTH) Eye Hospital Zambia, Operation Eyesight and Christian Blind Mission (CBM) recently organized a successful Eye Surgery Camp at Maamba Eye Care Centre. The ultra-modern Maamba Eye Care Centre was established by MCL and was inaugurated by Her Honour the Vice President in October 2022.

As part of an extensive outreach program, a dedicated Mobile Screening Team, comprising three ophthalmic nurses and supporting staff from UTH Eye Hospital Zambia led by Dr. Phyllis Moonga, the National Eye Coordinator for Zambia, set up a screening camp for the people of Sinazongwe District and its neighboring areas from June 26th to June 30th, 2023, during which all individuals seeking eye care services underwent preliminary examination. The team identified patients in need of urgent treatment, particularly those with mature cataracts, treatable lid and anterior chamber diseases requiring surgery, and scheduled them for the necessary procedures.

Thereafter, between 5th to 8th July 2023, a specialized team from UTH Eye Hospital Zambia, consisting of three visiting ophthalmologists, including Dr. Phyllis Moonga, the National Eye Coordinator for Zambia, were stationed at the Maamba General Hospital Eye Care Centre for conducting surgeries. This

commendable initiative was aimed to provide critical eye care services to the local community.

“To ease the treatment for the shortlisted patients, MCL arranged transportation for the patients and their attendants to the eye surgery camp at Maamba General Hospital Eye Care Centre. During the camp, a total of 75 surgeries were successfully performed, with 64 of them being cataract surgeries and 11 involving other eye conditions. Following the procedures, patients were provided with post-operative care and necessary medications. Post recovery, the patients and their attendants were transported back to their homes, free of charge,” said Mr. Jethro M. Sikalunda MDT Manager.

The comprehensive outreach program and the Free Eye Camp were designed to address both financial challenges as well as geographical barriers for the patients to access eye care. Free transportation for patients and their attendants, along with complimentary medicines and food allowances for patients, played a vital part in ensuring that those in need received the care they urgently needed.

Subsequently, the dedicated staff at the Maamba General Hospital Eye Care Centre have diligently followed up with all the patients for monitoring their post-operative progress and they have been provided support which remains ongoing till the requirement exists.





Community members registering for treatment



Preparing for eye surgery

Due to the overwhelming number of individuals in the community with similar problems in the district and its rural surrounding areas, MCL is committed to continuing its efforts to organize more eye care camps in the future, reaffirming their dedication to the well-being of the community. This initiative not only restores sight to the vision impaired but also brings hope and a brighter future to many individuals in Maamba and surrounding areas.





# MAAMBA ORGANISES PLASTIC-FREE WALK FOR THE COMMUNITY – TO COMMEMORATE WORLD ENVIRONMENT DAY



Involving youth for a greener tomorrow

**I**n a spirited display of environmental stewardship, MCL arranged an inspiring event that united school children, community leaders, and corporate stakeholders on World Environment Day. The campaign, aptly titled the 'Beat Plastic Pollution in Maamba' saw the close collaboration between MCL's SHEQ Department, community members, and the district youth and school going children, taking active part in the event that was aligned with the global theme of 'Beat Plastic Pollution.'

Marking a significant step forward in the battle against environmental degradation, the 'Maamba Plastic-Free Walk' was organised by MCL on Monday, June 5th, 2023. Organized against the striking backdrop of the areas rehabilitated by MCL by planting almost 50,000 trees, this event and its choice of location is a testament to MCL's unwavering commitment to sustainability.





A notable highlight was the attendance of the event by Sinazongwe District Commissioner Mr. Nchimunya Siakole, whose participation symbolized the fusion of governmental support with private sector initiatives. Addressing the gathering, the Commissioner lauded MCL for its proactive measures to foster a cleaner and greener Maamba, a feat that deserves widespread recognition.

Chief Operating Officer Mr. David Vijay Kumar, speaking during the proceedings, underscored the pivotal role that such endeavors play in nurturing a healthier planet for future generations. The event was also attended by the Plant Head of the Zambia's only thermal plant and his dedicated team, along with other employees. This environmental rallying cry attracted the attendance of many employees, all highlighting their commitment to Maamba's ecological betterment.

Under the overarching theme 'Keep Maamba Clean & Green,' the event with its global theme of beating plastic pollution, resonated with the immediate environmental concerns of Maamba. In a huge demonstration of reforestation, an impressive 325 fruit trees were planted at the waste rock dump, breathing new life into an area historically used only for locating waste material from mining operations.

With the planting program culminating on a high note, the commemorative activities seamlessly segued into the larger community celebration planned by the Sinazongwe Council. A large and jubilant gathering from the community was welcomed into MCL's Kanzinze stadium, including a large number of young students from all the local schools. Their presence underscored the importance of environmental conservation across generations, as young minds need to be instilled with the value of safeguarding their surroundings.

The Maamba Plastic-Free Walk and other festivities on World Environment Day highlighted MCL's steadfast commitment to redefining corporate responsibility. By galvanizing diverse stakeholders and fostering a sense of collective ownership, MCL seeks to



**Enthusiastic school children participate in the clean up**



**Working together for a 'Clean and Green Maamba'**

bring the community together for driving positive change in safeguarding the environment for future generations. Meanwhile, MCL's continuing initiative of tree plantation stands as an indelible marker of the company and the community united by a shared vision of a greener, cleaner Maamba, in keeping with the company's vision - to minimize the impact of operations on the environment



# MCL COMMUNITY LIBRARY: A SOURCE OF EMPOWERMENT FOR STUDENTS



Imbibing the reading habit in the young for a better tomorrow

**I**n continuation to its many initiatives towards the community, MCL proudly unveiled its newest facility - the Maamba Community Library. The objective to create this facility was to provide school children of Maamba and surrounding areas a suitable place having school textbooks of every subject and a conducive study and reading environment. Inaugurated on July 21st, 2023 in the presence of school Principals, representative from the District Education Board and community members, the library serves as the ideal answer to the pressing need felt by community members for their children to access reading material and educational resources.

This initiative led by Mr. Jethro Sikalunda, Manager Maamba Community Trust, has taken its first steps towards providing a haven of knowledge for everyone in the community.

“At the heart of our vision is the belief that knowledge should be accessible to all. We recognized the need to address the low literacy levels and the bad reading habits within our community. Our library is not just a repository of books; it is a place where people can attain knowledge and embark on a journey of lifelong learning,” stated Mr. Sikalunda.

With a collection of approximately 1400 books spanning a variety of subjects and grades, the library aims to cater to the diverse needs of its patrons. From primary school pupils to university students, from working professionals to farmers and health workers, the library’s all-encompassing collection seeks to serve every member of the community.

The library’s impact has been immediate, with an overwhelming response from the community. Through a comprehensive information campaign spanning schools, churches and workplaces, the library since its opening is attracting an increasing number of students seeking to explore its offerings. In the two months since its doors were opened to one and all, the library is already proving to be a vibrant hub of learning.

With most community members having limited resources, the library is a ‘dream come true’ for those and bridges the gap in the world of reading. “We understand that not everyone can afford books, and this should not be a barrier to knowledge, hence we want to offer a platform for anyone, regardless of their background or financial status, to access the information they seek.” emphasized Mr. Bwali Ndu, HRAM Manager of MCL.



Beyond merely being a repository of books, the community library aspires to be a catalyst for personal growth and development.

“Reading is more than a pastime; it’s a gateway to personal transformation. Through reading, people can equip themselves with the skills and knowledge they need to do well in various aspects of life,” Mr. Sikalunda added.

Going forward, Mr. Sikalunda revealed “We have big plans for the future. We are determined to continuously expand our book collection, making it possible for readers for further education.”

The community library’s aims to cultivate a habit of reading, inspire a thirst for knowledge, and contribute to the overall upliftment of the community. As the library continues to gain traction and attract an ever increasing stream of avid readers, it holds the potential to reshape the educational landscape and raise literacy levels for generations to come.

In an era where information is abundant yet not always accessible, the Maamba Community Library seeks to help empower one and all in the community and is yet another shining example of MCL’s enduring attempts towards **...Making a Difference!**



Caption



Community members using the library



# RECOGNIZING HARD WORK AND ECONOMIC GROWTH

**L**abor Day, celebrated on 1st of May each year, holds significant importance for the miners and power plant workers at Maamba Collieries. It is a day to honor the dedication and contributions of employees. The government of Zambia organizes public celebrations, and one such event was organised on May 1st, 2023, by the district authorities at Kanzinze Stadium, under the theme 'Accelerating job creation for economic growth'.

The occasion was marked by enthusiastic participation from workers and employers alike, highlighting the spirit of unity and cooperation in Zambia's labor force. Maamba Collieries Limited was among the many companies that joined in the celebrations in Sinazongwe district.

The event highlighted the recognition and appreciation of hard-working employees, the most improved workers, and those who have served the longest.

"The Labor Day event at Kanzinze Stadium was graced by the presence of the District Commissioner, Mr. Nchimunya Siakole, who was accompanied by other Sinazongwe District Officers. Their presence emphasized the government's support and commitment to the welfare of the labor force in Zambia," highlighted Bwali Ndaui MCL's Human Resource Manager.

The theme for this year's celebration, 'Accelerating job creation for economic growth', underscores the significance of the labor force in driving the nation's economic development. By creating more job opportunities and fostering an environment of inclusivity and growth, Zambia aims to achieve sustainable economic progress.



District Commissioner of Sinazongwe, Mr. Nchimunya Siako awards MCL employee



MCL Employees attend Labor Day celebrations



# PROJECT 'LITRE FOR LIGHT' – BRINGING LIGHT TO THE COMMUNITY



Bringing lights to homes in the rural community

**I**n a bid to illuminate lives and brighten the future of underprivileged households in Maamba, Maamba Collieries Limited (MCL) through its Thermal Power Plant, embarked on project 'Litres for Light' that has had a bright impact on the lives of people in rural areas of Maamba.

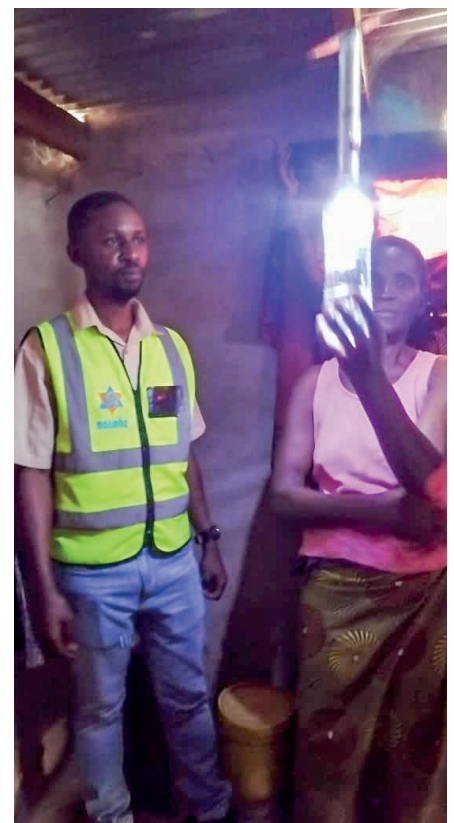
A team from MCL, led by Mr Jethro Sikalunda, Manager Maamba Development Trust (MDT) and the Head of Operations and Maintenance, Mr. Shripad Rotkar, paid a visit to various schools and villages to enlighten the community about the project 'Litres for Light'. The team explained the project's concept and its potential to make a significant difference in the lives of those living in rural areas without access to electricity. They also gave practical demonstrations on providing cheap alternate lighting solutions to homes and remote communities deprived of regular power supply.

The heart of the project lies in its simplicity - a 1 litre plastic bottle,

equipped with a light kit, complemented by a tiny solar panel, battery charge management controller, and energy-efficient LED bulb. This innovation not only brings light to darkness but also provides sustainability by harnessing the power of the sun. It also recycles discarded plastic bottles thus keeping the environment clean.

MCL's dedication to making a positive impact is indeed commendable. Through the company's tireless efforts, they are not only spreading awareness among the younger generation but also bringing light to communities that have long yearned for a brighter future. The project 'Litres for Light' serves as a beacon in the darkness for all, reminding us that often, the simplest of solutions can create profound change.

In the spirit of community development, MCL continues to strive to help uplift the lives of the people of Maamba and surrounding areas, in this case by making the district a brighter place to live in.





# POWERING DREAMS: MCL PRESENTS PRINCE MUCHIMBA WITH A CUSTOM-MADE MOTORISED WHEELCHAIR



A beaming Prince Muchimba receiving his custom-made wheelchair

**S**tories of hope, determination, and community support continue to unfold in the Maamba township as Maamba Collieries Limited (MCL) continues in its efforts of uplifting people's lives.

Such story is the heartwarming story of Prince Muchimba, an inspiring young man, who does not let the fact that he was born differently abled limit his dreams. His dream has always been to live a normal life, independently and to have a career in accountancy.

As early as 2016, the company recognized Prince's potential, and ever since has been supporting him, in his education and helping him realise his dreams. Today, Prince aged 25, is in his second year at ZCAS University, pursuing a bachelor's degree in Accounts, with MCL covering all expenses towards his tuition, accommodation, as well as for the services of a dedicated helper to support him through his academic pursuits.

MCL's journey with Prince started in 2016 at an MCL Corporate Social Responsibility (CSR) event, when the company was donating a generator to Maamba Special School and the young dreamer caught the attention of

the company management when he delivered the vote of thanks. "Prince's speech that day was nothing short of remarkable; his eloquence and heartfelt expression caught the attention of MCL management. We sensed and saw the determination in his eyes and immediately knew that he needed to be provided every opportunity to thrive and succeed. It was from that moment that Maamba Collieries decided to support Prince on his journey towards achieving his dreams," said Charity Namushi, MCL Administration Manager, speaking at the handover ceremony.

In 2020, the company, understanding the importance of enabling Prince's mobility and his need for independence provided him with a top-of-the-line wheelchair which was tailor-made to cater for his specific needs.

On the 4th of August 2023, MCL, working in collaboration with Aspire Clinic, who designed a custom-made motorised wheelchair to meet these specific needs, donated Prince his new 'wheels' valued at K80,000 (around US\$4,500).

After test driving his new powered wheelchair, Prince responded gratefully, acknowledging how MCL's benevolent and continuing support has transformed his life and





Prince testing his new wheelchair

pledged to prove the value of the company's support through hard work and his continued personal growth and success. He said, "This wheelchair is a game-changer and I consider myself lucky; not everyone gets such an opportunity. MCL's wish is to see me succeed and I will work hard to reach my full potential and be an example of how such support can empower individuals in society and make a positive impact."

As Prince Muchimba continues to embody the spirit of resilience and determination to overcome all odds, MCL commits its continued unwavering support to Prince Muchimba to help him to fulfill his dreams and aspirations. It is hoped the motorised wheelchair, specifically designed to suit his needs, will help power Prince's dream, providing him with the much-required mobility and independence and help him at college and in his daily life.



Transforming Prince's life - well worth US\$4,500



# ANNUAL CRICKET TOURNAMENT UNITES MEN AND WOMEN



Employees at Maamba Collieries Limited and its subcontractors have forged a healthy work-play balance by regularly playing cricket, which culminates in the annual tournament. This event, held since 2018, brings together both men and women from the company and its subcontractors.

The male participants were divided into four teams, with the Rhinos emerging as Maamba's cricketing champions after weeks of competition. Notably, this year the women of Malaiti House also participated in their own category, displaying their cricketing prowess and taking home the trophy.

This cricket tournament serves as more than just a sport - it is a team-building exercise. The physical and intangible benefits of cricket in the workplace are evident, as sports promote physical health, enhance agility, stamina, while fostering collaboration and improving workplace interpersonal relationships.

The cricket tournament continues to exemplify how sports can unite employees, regardless of gender - promoting well-being, teamwork, and work-life balance. It is a reminder that a good balance between work and play makes for a more motivated and productive workforce.



At the Toss – to decide who bats first



# REVITALIZING FOOTBALL IN MAAMBA: KANZINZE AND MAAMBA PRIVATE SCHOOL STADIUMS UNDERGO TRANSFORMATION



Upgrading Maamba's Kanzinze Football Stadium

**M**aamba, a town known for its passion for football is witnessing a remarkable transformation, as the iconic Kanzinze Stadium, home to the Maamba Energy Stars F.C., along with the Maamba Private School Football Stadium, receive a much-needed facelift.

This project is poised to rejuvenate the culture of sports in the district, providing upgraded facilities for both players and the community. The initiative, which has been underway for the past 3 months, involves resurfacing the ground for better usability and playability. The process includes ripping off old soil, layering sand and black soil, and planting Bermuda grass, thanks to the support of Maamba Collieries Limited, the club's sponsor and facility owner.

Leading the project is Denny Himoonde, MCL's Sports and Recreation Officer, as well as the Head Coach for the Maamba Energy Stars Football Club.

"Our objective is to motivate players and the community by providing a quality green playing surface. Kanzinze is our office, where we train and prepare our team for the league games. We have addressed water supply issues and are ensuring this ground aligns with the highest standards," Himoonde explained.

He explained that football is not just a sport in Maamba, but a cultural phenomenon that fosters community bonding, hence, the renovated stadium will undoubtedly receive appreciation from the community.

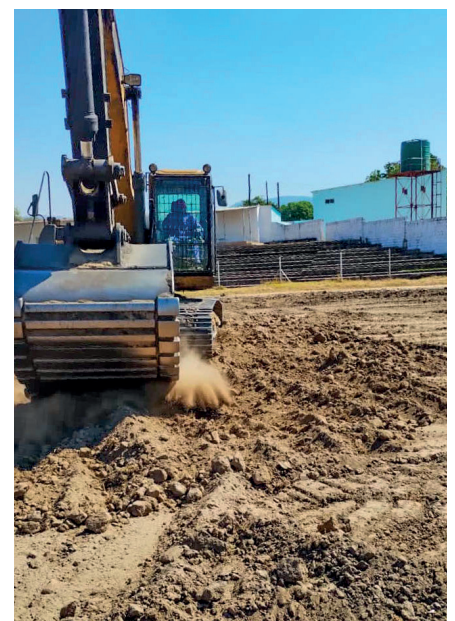
Meanwhile, Mr. Hyden Chimense, the Community Services Officer for Maamba Collieries, detailed the technical aspects of the rehabilitation of the stadium, which was once a revered venue for high stakes matches and even national team preparatory matches for continental games slated for hotter parts of Africa.

"The acidic soil is being replaced with moisture-absorbing sand. Bermuda grass seeds, funded by MCL, will soon be sown. The cost of the seed alone exceeds ZMW K93,000, reflecting the management's commitment to providing top-tier sporting facilities and community development," added Mr. Chimense.

With the facility uplift extending to the Maamba Private School Football Stadium, Mr. Chimense believes this initiative will enhance both school and community engagement.

"We're excited to see our school teams and community members play on a field that not only aids their skills but also instills a sense of pride " he added.

As Maamba Energy Stars Football Club readies itself for the upcoming 2023/24 season in the provincial Division One South, the refurbished stadiums, with completion is slated for February or March next year serves as symbol of collaboration between sports, corporate investment and community aspirations.





# MAAMBA GOLF CLUB WOMEN'S TEAM TRIUMPHS IN LUSAKA



MCL women team practise putting at Maamba Golf Course

**T**he lush greens of the Lusaka Golf Club witnessed an inspiring triumph as women golfers of Maamba Golf Club emerged victorious in the Golf Tournament organized by Teal Sisters Foundation, a significant event dedicated to raising awareness about cervical cancer. MCL was one of the main sponsors of this noble cause.

Held on June 11, 2023, the tournament was a fundraiser for the Foundation, an organization committed to fighting Cervical Cancer, giving hope to those affected, to survivors and to encourage as many women as possible to undergo screening, as a preventive measure.

Under the dynamic leadership of Malala Muchimba, the Captain of Maamba Golf Club, supported by Mrs. Mable Muzumi Silongo, the team which included four vibrant junior golfers showcased exceptional skills, and resolute commitment to the cause.







**MCL Women's' Golf Team – Victorious at Lusaka Golf Tournament**

With Maamba Golf Club being the only team fielding juniors, who were also debutants in such a competitive tournament, the stakes were high, and expectations were even higher. However, their performance not only exceeded the hopes but also made the team proud.

The performance of the experienced duo, coupled with the skills of their young counterparts, culminated in a stunning victory, with an impressive score of 87 points, two more than the runners up.

Meanwhile, six junior lady golfers from Maamba Golf Club also recently had the unique opportunity to participate in a golf clinic in Mazabuka organized by the Zambia Ladies Golf Union (ZGLU), followed by another in Choma.

Ms. Muchimba further explains the club's dedication to fostering young talent to provide exposure and experience to their promising juniors. "Our vision is to see our young ladies competing on international platforms, just like their counterparts in Mauritius. We are here to empower our junior players and let them shine. We believe girl child sports are important and also gives them the chance to interact with people who have done well in education and get inspired," she added.

As Maamba Golf Club continues to forge a path of empowerment, growth, and sporting excellence, it underscores the pivotal role sports play in inspiring and transforming lives. MCL's unwavering support in fostering golfing talents, particularly among women, demonstrates its dedication to making a positive impact on the community.





# FAMILY GET TOGETHER AT THE GOLF CLUB



Families enjoying a social gathering

**I**n southern and central Africa, Zambia continues to boast of being a mining powerhouse for over one hundred years, as its first activities date as far back as 1908 in Bwana Mukubwa on the Copper belt.

In the spirit of promoting a sense of oneness and camaraderie, employees took time off their daily routines on 14th May 2023 to unwind, dine and celebrate together at a social gathering along with their families.

The main purpose of the get together was for the employees' families to interact and enjoy themselves together as one big family, as these gatherings nurture important relationships that promote a sense of belonging to the same MCL family.

The children took turns at show and tell, shared toys and played different games, adding to the interaction which some of them enjoyed at the Maamba Private School, a reputed school that MCL runs.

To add merriment to the event, employees and their families also took turns to engage in a variety of dances, playing games together which made the event an enjoyable and memorable get together.



Enthusiastic kids participating





**TEAM MCL – CELEBRATING TOGETHER AS ONE FAMILY!**



# WORLD ENVIRONMENT DAY



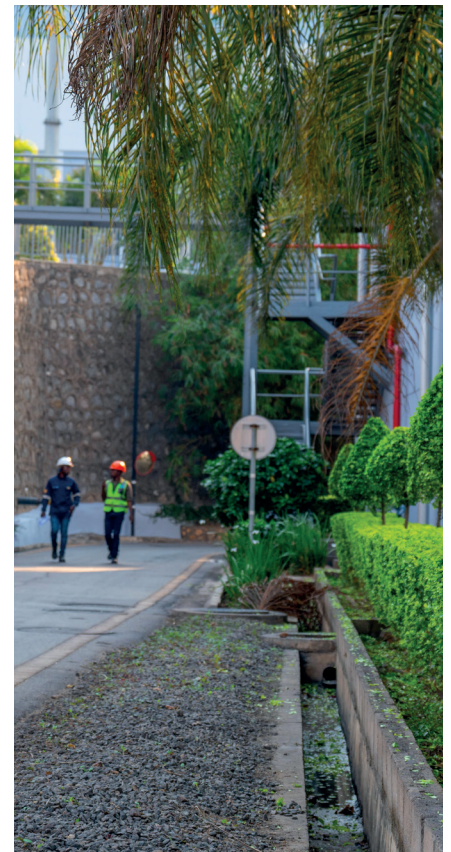
Tree plantation for a 'Clean and Green Maamba'



Briefing the participants



MCL Officials with Sinazongwe DC, Mr. Nchimunya Siako





# INTERNATIONAL YOGA DAY





# FIRST QUANTUM MINERALS VISIT



Plant Head explaining TPP Operations



FQM Team visit Maamba Eye Care Centre – a MCL CSR Initiative



# OBITUARY



## Mr. Joseph Phiri

**Maamba Collieries Limited (MCL) pays tribute to Mr. Joseph Phiri who served as Junior Engineer – Operations until his untimely death on 8th August 2023.**

Mr. Phiri joined MCL on 10th July 2013, as a Trainee Technologist under Mechanical Department. He was one of the young engineers who were specially recruited by MCL for training in Thermal Power Plant operations and maintenance (O&M). As part of training, Mr. Phiri underwent a rigorous two-year training in O&M in MCL and also underwent training in China and India.

Due to his outstanding performance, hard work and commitment to duty, Mr. Phiri was promoted to the position of Junior Engineer on 10th July 2015 and to Assistant Engineer – Operations on 1st December, 2021.

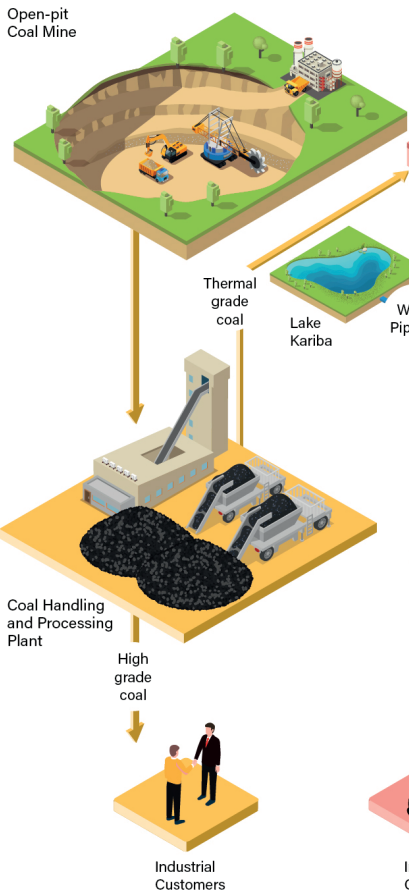
Mr. Phiri was a very focused and committed worker who had the ability to work without supervision. He was a team player, who was readily available to coach his subordinates and he had excellent interpersonal skills.

Mr. Phiri will be fondly missed by his colleagues and the entire MCL family.

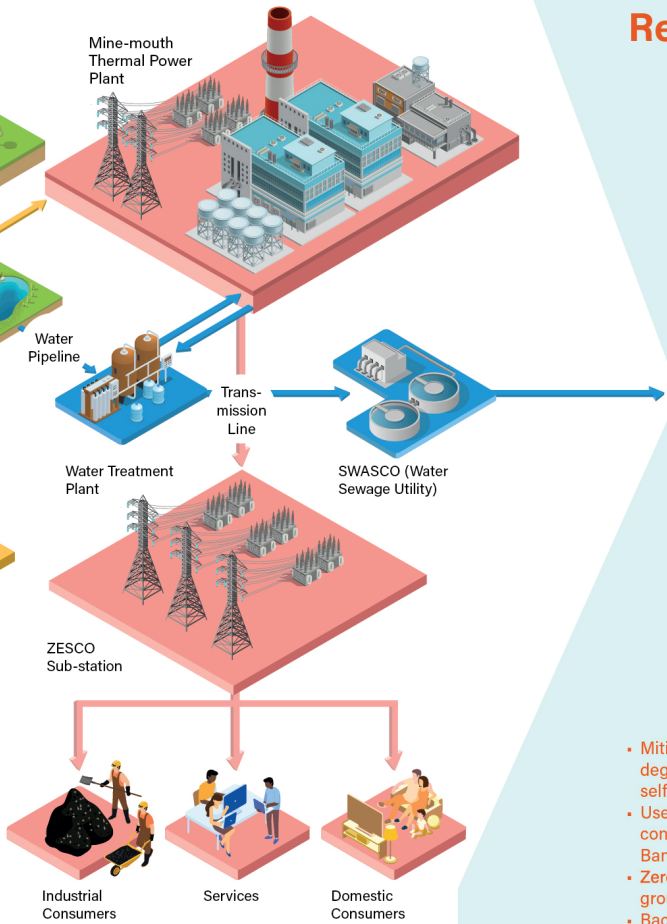
**MHSRIP**



**Coal Mining**



**Thermal Power**  
Installed Capacity 300 MW



**Corporate Social Responsibility**



- Mitigate environmental degradation by use of polluting self-combusting coal in TPP
- Use of SOX/NOX/PM emission control technology *iaw* World Bank norms
- Zero-effluent discharge protecting ground water
- Back filling mine voids
- Dedicated arboriculture programme using re-cycled water
- 'Green Maamba' campaign – planting indigenous trees with community involvement

**Outcomes...**

*...making a difference*

- Conversion of polluting thermal-grade coal to high-value base-load energy
- Contributes 10% of Zambia's installed power generation
- Provides energy security and diversity in energy mix
- Sale of high-grade coal to domestic customers for construction industry and SMEs
- 100% by-product utilization
  - Unsellable coal as input for power plant
  - Fly ash for construction sector
  - Waste water for arboriculture
- Community Development

**ABOUT MAAMBA COLLIERIES LTD**

Maamba Collieries Limited (MCL), in Sinazongwe District in Southern Province, is Zambia's largest coal mine and the nation's biggest Independent Power Producer(IPP)with Zambia's only coal-fired Thermal Power Plant (TPP).The company operates a 300 MW (2X 150 MW units) modern, eco-friendly coal-fired power plant-the only one of its kind in Zambia—with the capacity to supply 10 percent of the country's currently installed electricity generation capacity. MCL is owned 65 percent by Nava Bharat Singapore Pte and 35 percent by ZCCM-IH, with some US\$919 million invested since 2010. The plant provides diversity in the nation's energy mix and contributes to the nation's base load electricity demand with high-availability power that is independent of climate change, thereby augmenting energy security of Zambia.



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