

# VALLEY H<sub>2</sub>O

CENTRAL RIFT VALLEY WATER WORKS DEVELOPMENT AGENCY  
E-NEWSLETTER

Issue 005





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Cover Photo: Ongoing construction of Longisa Water Storage Tank.

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## Editor's Note



Carlos Cheluget

Welcome aboard our fifth issue of Valley Newsletter where you get to scoop stories from the Technical angle to a Corporate tone.

It is with great pleasure that I commend the fifth production of Valley Newsletter, as it is important in sensitizing existing and ongoing projects in the Agency.

The Newsletter will go a long way to ensure the Agency meets its objectives while executing its mandate.

As we roll out our new regular features and expand our areas of coverage in the months ahead, count on the Valley.

I hope you enjoy reading this Newsletter.

## EDITORIAL TEAM

## Chairman's Statement



*I wish to thank my leadership team, as well as all of our staff members, for your tireless effort and focus amidst the fluctuating political and social factors presented in 2022.*

*At CRVWDA, we are committed to creating an ambience for nurturing partnership with our development partners, innovation, creativity and excellence in designing and development of our water and sanitation projects.*

*Our operations, projects and programs are keen on promoting human values and professional ethics which help our team to become more humane and socially alive to challenges affecting our communities.*

*It is in this view that I invite you to catch the highlights of progress on the Agency's on-going projects on the Fifth Edition of Valley H<sub>2</sub>O E-newsletter publication.*

*Amb. Boniface Muhia.  
Chairman.*

*Enjoy.*

## Chief Executive Officer' Statement

*It is a wonderful season to acknowledge that the year has gone down. This year, the Agency touched lots of lives as a result of making clean water accessible and reliable through the completion and commissioning of hundreds of Rural and Urban water supply projects.*

*Issue No. 05 of Valley H<sub>2</sub>O E-newsletter comes to us in light of a soon to be success of yet another major water project; the Oyugis - Kendu Bay water Supply Project in Homa Bay County. With 96% status to completion, the benefits are already impacting livelihoods.*

*Further, the Bomet- Longisa -Mulot Water Supply Project is a project to look forward to as it is steadily on schedule. Its completion will mean a net production capacity of 17,808,000 liters of water a day; an overhaul in the health and economic stature in Bomet.*

*Our focus and commitment lingers on our on-going water projects whereby the Agency is keen on delivering them on time.*

*Karibu.*



*Eng. Samuel Oruma.  
Chief Executive Officer.*



# The Bomet-Longisa-Mulot Water Supply Project



Agency's CEO Eng.Oruma tours PS. Water Dr. Rono, round the Bomet-Longisa-Mulot Water Supply Project during the inspection.

**B**omet County is projected to be water sufficient in the coming span of less than 12 months after construction of Water Supply and Sanitation System for Bomet-Mulot-Longisa towns.

The Bomet-Longisa -Mulot Water Supply Project is being implemented by Central Rift Valley Water Works Development Agency in conjunction with Lake Victoria South Water Works Development Agency (LVSWWD) under the Kenya Towns Sustainable Water Supply and Sanitation programme funded by the African Development Bank (AfDB) and the Government of Kenya.

The multi- billion Project is expected to improve the access to safe, reliable, sustainable and affordable water supply and sanitation services in the region where water scarcity is a major problem, both in urban centres and homes.

The Project whose source is the Nyangores River, is expected to supply and benefit 216,850 residents and their livestock with a net production capacity of 17,808,000 liters of water a day.

Speaking during a routine inspection of the Project, the Principal Secretary- State Department of Water and Sanitation Dr. Paul Rono urged the state and County as well to set aside funds to prioritize on the last mile connectivity to increase the number of households connected.

*"The government is keen on availing clean water to all Kenyans with a focus not only on urban, but also rural population. It will be wrong if every time we implement a Project, water ends in the storage tanks. We need to have a plan that will ensure that the Water is accessible to the beneficiaries,"* Said Dr. Rono.

The Bomet Water and Sanitation Company (BOMWASCO)-the direct

beneficiary of the Project, currently runs 14 water supply schemes in the county with an ongoing expansion expected to encompass more regions.

The Water Project is part of a series of other initiatives being implemented countrywide as the government targets to boost food security, sanitation and industrialization.

*"It is important that farmers adopt modern farming techniques to maximize land use to optimize food production in the country. The focus should be to satisfy the local and foreign market demands,"* said Dr Rono.

The Bomet County Governor H.E Prof. Hillary Barchok sighted that the project will support the education system in the County.

*"A high number of schools in the region are dependent on rain water as they have no access to reliable water sources which leads to wastage of precious time that our students could be utilizing for the advancement of their education,"* Said Prof. Barchok.

Prof. Barchok referred to the Project as a high impact Project that aims to not only solve the water shortage problems but also eliminate the frequent waterborne diseases that arise during the long rains seasons.

The CRVWDA Chief Executive Officer, Eng. Samuel Oruma stated that the Agency will push to have the project completed within the stipulated period to allow the residents to appreciate the Project.



## AN INVESTMENT IN KNOWLEDGE AND LEARNING PAYS THE BEST INTEREST – CRVWWDA - STAR TO LOOK UP TO.



Agency's CEO Eng. Samuel Oruma(c) with the delegation from the Federal Republic of Somalia.

CRVWWDA envisions being an epitome of excellence both locally and internationally. Consequently, the Agency, led by Eng. Samuel Oruma-CEO, hosted a delegation from the Federal Republic of Somalia, Ministry of Energy and Water Resources who were on a study tour to benchmark and learn about water resources management, operation and maintenance schemes of infrastructure of the water supply, sanitation and hygiene systems. Anthony J. D'Angelo once stated "Develop a passion for learning. If you do, you will never cease to grow"

Led by Eng. Ali Mohamud, the delegation made a courtesy call to the CEO and later followed through a presentation on the overview of the Agency and a brief of the projects implemented by the Agency and finally an overview presentation of both Baharini Boreholes and Kaloleni waste water treatment plant by Nakuru Water and Sanitation Company (NAWASSCO)

The delegation subsequently toured the abovementioned projects to appreciate the works implemented and to learn on the managing system on ground. The team commended CRVWWDA on the good implementation and the operationalization by NAWASSCO. These projects, meant to serve the residents of Nakuru town, were successfully implemented and completed by CRVWWDA and later handed over to NAWASSCO to operate.



Eng. Samuel Oruma-CEO, hosts the Federal Republic of Somalia delegates during their courtesy visit to the Agency.

“Develop a passion for learning. If you do, you will never cease to grow”.



# CRVWWDA DELIVERING WATER ONE TOWN AT A TIME



*Oyugis Water Treatment Plant.*

under the program were initiated to ensure access to clean, safe and consistent water supply in 28 small towns in Kenya.

Central Rift Valley Water Works Development Agency continues to deliver on its mandate one town at a time. This is as the Agency nears the completion of the Uyugis-Kendu Bay Water Supply Project in Homa Bay County.

It's nine thirty in the morning at Atemo village, Kabando constituency in Homabay County, and a group of women queue at a water point to fill their water containers commonly referred by the locals as jerry cans.

Others are busy washing clothes nearby as they engage in bunter and catch up on family matters. Two other women have filled their jerry cans are tightening the cap as they prepare to leave the water point. Agnes Akinyi, lifts a filled jerry can and places it on her head.

She has just arrived at Omeso water kiosks, which is a last point to the many components of Water Project, initiated by the Government of Kenya with support from the African Development Bank.

The project, implemented by the CRVWWDA, is under the Rift Valley Cluster of the Kenya Towns Sustainable Water Supply and Sanitation Program. The projects

As we get back to the lovely women conversing, *"We have three water points where we get fresh water from the tap. We have one water point at Kojwach ka Muga, another at Omeso area and another one at Kambata area. For now, we do not pay for the water,"* says Akinyi.

She adds that a majority of members of the community have not struggled to install taps inside their homes because of the short distances to the water points. "The three water points have helped reduce queues," adds Akinyi.

A few kilometers from Atemo village in Oyugis town, Emmaculate Anyango is sitting in one of her jericans at a water vendor shop, waiting for her turn to fetch water. Anyango lives in Juakali estate, a few meters from the water kiosk. Anyango says, initially, residents of Juakali estate had to walk to Ayoro springs, which is two kilometers from the estate, to fetch water for cooking, drinking and other domestic uses. *"We pay KSh. 5 for every 20-liter jerrycan. The flow of water is steady and the queue moves very fast,"* she adds.

Cont. in Pg. 8



# The National Tree Planting Launch.



“

*Restoration  
of the  
degraded  
forest is a  
communal  
mandate”*

CS Labour Hon. Florence Bore and PS Water, Dr. Paul Ronoh launches the National Tree Planting Campaign amidst other leaders in Londiani.

What a way to celebrate a birthday! As it is the norm, many expected pomp and color with a dapper five tier cake but lo! On his birthday the 21st of December 2022, President of the Republic of Kenya, HE. William Ruto pronounced the launch of the National Tree Planting.

In a forest lies the biggest solution to degradation of environment. Apart from forests restoring water catchment areas, they improve our air quality by filtering harmful dust and pollutants as well as reducing urban heat. Trees reduce the amount of storm water hence reducing soil erosion in our waterways thus lessening effects of flooding.

On that date, Central Rift Valley Water Works Development Agency joined the Cabinet Secretary for Labour Hon. Florence Bore (EBS) and the Principal Secretary Dr. Paul Rono and other leaders in the launching ceremony of the National Tree Planting campaign in an event held at Kimasian Technical & Vocational College in Kipkelion East Sub-County in Kericho County.

“Restoration of the degraded forest is a communal mandate”, these were words from the event’s chief guest, Hon. Florence Bore. Her plea to the community was to

target and plant at least 300 different species of trees per person annually. She championed for organization of campaigns that hold a torch for environmental conservation and sensitization on the benefits of cultivating a green culture at county level.

Gone were the Years when the Mau Complex was dark and thick a forest. In recent times, agricultural expansion, unregulated logging and urbanization has resulted to dramatic impacts of deforestation and land degradation.



Agency's CEO. Eng. Oruma plants a tree.

The current situation at Mau Complex informed the sentiments of the PS. Water and Sanitation Dr. Paul Rono who beseeched the community to conserve trees, and embrace the slogan “*Kata Moja, Panda Kumi*”. Further, Dr. Rono reiterated the Ministry’s commitment to achieving the presidential directive on 30% forest cover by 2033.

A wonderful environment brings spontaneous happiness. Conserving environment means; safe guarding our water catchment areas and ecosystem,

slowing down global warming, enhancing economic stability, better health, promoting biodiversity and providing raw material. May this be everyone’s desire?



# 7th East Africa Water Summit



Water Secretary Eng. Sao Alima visits the Agency's exhibition booth during the opening of the Summit.

**“Sustainable Water Resource & Sanitation Development for Socio-Economic Transformation”**, was the theme for the 7th East Africa Water Summit.

The three day workshop that was attended by representatives from CRVWWDA was hosted by Kenya Water Institute in Nairobi. The event that amalgamated water stakeholders from across the East African Region sought to examine and look into the possible strategies towards attaining sustainable water resource and sanitation Development for Socio-Economic Transformation.

Representing the Water, Sanitation and Irrigation Cabinet Secretary Hon. Alice Wahome in the Water Summit was the Water Secretary Eng. SAO Alima who in his address pointed out the objectives of the EA Water Summit as themed. He directed his attention to strategies the water sector can use to avoid catastrophic risks and be resourceful putting into consideration the growth in

technology while minding the water policy for sustainable economic growth and social well-being in the East African Region. He added that the Government is ready to offer support and assistance to the private entities that are ready to invest in the country.



At the Expo', the Agency got a chance to showcase several multi- billion water projects that are ready for funding and implementation. These are projects that are designed and projected to realize a boost in water supply to serve and sustain thousands of livelihoods, soar economic activities, eradicate water borne diseases and escalate industrialization

activities.

The exhibition being a resource mobilization forum called attention to Itare Dam, Pesi Dam, Amaya Dam, Kahurura Dam, Bergei Dam and Malewa Dam just to mention a few Water Supply Projects at the heart of the Agency.

As the Agency's Mission is; **“to plan, develop and deliver efficient and reliable water and sanitation infrastructure to the satisfaction of all stakeholders,”** it is welcome to all partnerships and support that will enhance progress in their service delivery.



Agency's officer, Joseph Salee makes his contribution at the summit



## Crvwda Delivering Water One Town At A Time

Cont. from Pg. 6.

Another resident, Jeffrey Odhiambo of Oyugis town, who is a water vendor and owner of a car wash, says they are experiencing a good flow of water. Odhiambo says the project has benefitted residents of Kisuri estate, Owade junction in Oyugis town. He adds that about 50 families from Owade and Kisuri fetch from his shop every day.

While on a routine inspection tour of the projects, top management from CRVWWDA and Lake Victoria South Water Works Development Agency (LVSWWDA) urged residents to protect the infrastructure and ensure the project is a success story.

CRVWWDA is currently sourcing for funding to initiate the last mile connectivity to ensure all the locals have access to water in their homesteads. Oyugis and the areas of Kasipul and Kabondo constituencies have in the past experienced water shortages due to the adverse effects of Climate Change.

In April 2019, the African Development Bank (ADB) partnered with the Government of Kenya to address the water shortage in the area. The Ministry of Water, Sanitation and Irrigation, through a joint collaboration between CRVWWDA and LVSWWDA, commenced the construction of Oyugis Water Supply Project at Atemo in Kabondo constituency. Water distribution will be achieved by gravity flow, reducing operational costs. With the completion of the project, water supply in Homa Bay County will significantly improve.

The multi-million Water Project that is set to inject 12 million litres of Water per day is expected to benefit over 60,000 residents and upon completion it will be handed to Homa Bay Water and Sanitation Company (HOMAWASCO).



Intake weir of Oyugis Water Supply Project.

## The Agency's "How to" Sink a Water Borehole.

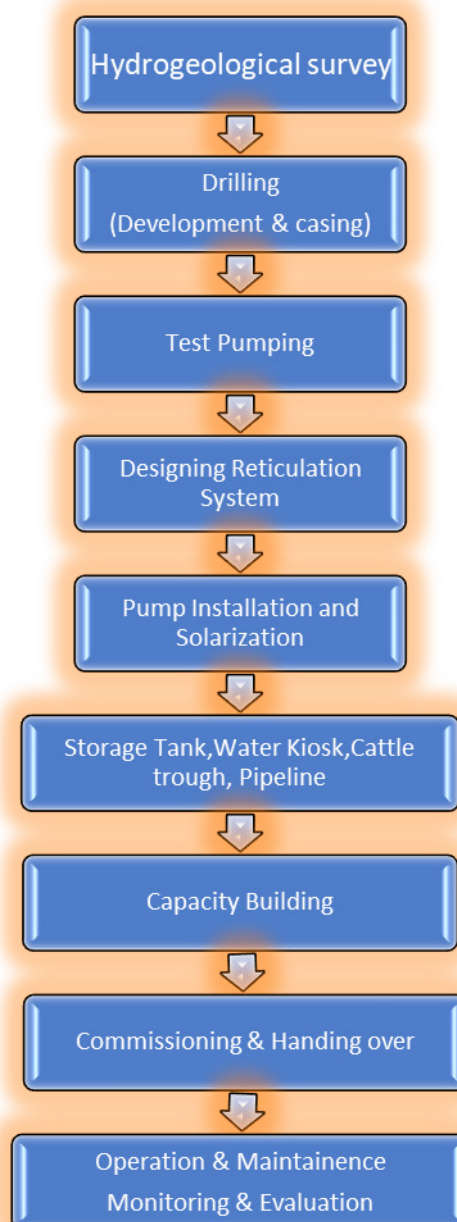
Sinking of boreholes is one of the initiatives the Agency has used to quench "mwananchi's" thirst for water.

As it is CRVWWDA Mission to plan, develop and deliver efficient and dependable water and sanitation infrastructure, the Agency has so far sunk hundreds of successful water borehole in schools, community centres and hospital facilities across its five Counties of jurisdiction.

However, it takes a process to come up with a borehole. After a need is identified, an appraisal is done for funding request. The Eng.s come up a final design for tendering process.

The Hydrogeologists carries out an hydrogeological survey study to confirm availability of ground water before drilling and development.

Below is the process covered while sinking a borehole.





# SOCIAL HUB



A good working relationship, harmony and unity in an organization brews the best results in terms of performance. As it is a norm, the Agency staff came together in a team building event to ease the daily tussles towards success faced in a routine office. Teams were formed, games played and victories realised but at the end of the day, a great bond and co-existence between colleagues was achieved.



In an endeavour to celebrate the achievements and challenges faced and tackled in the year 2022, the Agency treated it's staff to a sumptuous end year dinner party in a Baringo hotel. The Top Management would later spoil the staff to a cake cutting ceremony to crown the event as they longed for a prosperous year 2023.



# ROAD SAFETY AWARENESS !



The devil is often blamed for all road traffic accidents but, wait a minute!

If every driving license holder adhered to all traffic regulations; if all drivers were mindful about other road users, don't you think road traffic crashes would never feature in the 12 leading causes of death globally?

Nairobi Governor, Hon. Johnson SakaJa addresses road users during the World Day of Remembrance for Road Traffic Victims.

On the third week of November, the Agency joined the National Transport and Safety Authority and other stakeholders to mark the world day of remembrance for road traffic victims held in Nairobi.



CRVWDA staff join other stakeholders in lighting candles for road traffic victims.





#### **FEEDBACK:**

*Please direct all enquiries, suggestions, concerns, complaints, or compliments to;*

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