



*October 2021 - December 2021 Issue*

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

CENTRAL RIFT VALLEY WATER WORKS DEVELOPMENT AGENCY  
E-NEWSLETTER

*Issue 001.*



#GOK Delivers

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*Carlos Cheluget*

*Karibu sana,*

*Welcome to our first e-newsletter issue of Valley Water News. We are glad and excited that we managed to reach you for this first edition and we are equally humbled and honored to have you on board as we take these early steps of our journey.*

*After long reviews and researches, we succeeded in putting together our stories. Stories of hope in the midst of challenges related to provision of water and sanitation services to our people as prescribed in our mandate. These stories have been told in very simple language considering that water engineering and the science of water service provision may sound complicated to many of our audiences. The edition purpose is to inform and sensitize you on the Agency's works.*

*I know we may not have covered all the positive occurrences in the last three months but we have also brought to your attention some of the biggest challenges we go through in achieving our mission. These too are our stories.*

*As we transit from hard copy to the digital version of presenting information in newsletters, we trust that you will find this approach much more user-friendly, easy for reference and archiving and easy to share. Finally, we would like to invite you to subscribe to our subsequent editorial newsletters and you will be getting our all-inclusive "Valley H<sub>2</sub>O News" in your inboxes every end of quarter.*

*And as we roll out new e-newsletter and expand circulation in the months ahead, the newsletter is where you'll find the best of our daily stories. As always, drop us a line ([info@crvwwda.go.ke](mailto:info@crvwwda.go.ke)) with any suggestions on topics and projects you'd like to see us cover or things you like or don't like about what we're doing. We're all ears.*

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Cover photo: Kases Peace Dam

## Chairman's Message



Karibu.

*I would like to begin by thanking our Almighty God for providing us as the Board, management and staff of CRVWWDA an opportunity to serve the people of Kenya in a very important organization and the water sector at large. On behalf of our Board of Directors, management and staff, I would like to thank our Government, our Ministry, the stakeholders, development partners, our respective County Governments, our communities and our*

*beneficiaries for your trust and support for the programs and operations at all times.*

*I wish to equally thank my leadership team, as well as all of our staff members, for your tireless efforts and focus in 2021 despite the challenges we faced. In this new year, 2022, we look forward to another challenging twelve months, due to both the impacts of the Covid-19 pandemic and the fragile, unexpected, and fluctuating political and social factors all around us.*

*We at CRVWWDA 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. We also endeavor to prepare our management team, staff and our young professionals to confidently and competently face the challenges of implementing reliable water and sanitation projects as enshrined in our*

*mandate.*

*Our aim is to ensure we continue to impart high quality technical and managerial skills coupled with appropriate training and wide exposure to the state-of-art practices.*

*I promise that our operations, projects and program will continue to lay emphasis on inculcating human values and professional ethics which help our team to become more humane and socially alive to challenges affecting our communities.*

*Finally, it gives me great pleasure that our online Central Rift Valley, Valley H<sub>2</sub>O E-newsletter is being rolled out at the beginning of post Covid 19 era. I congratulate the members of editorial board and wish them bright success of in the upcoming publications. Asante.*

**Amb. Boniface Muhia  
Chairman, Board of Directors**

## CEO's Message

*Welcome to our new Valley H<sub>2</sub>O E-Newsletter at CRVWWDA. The years 2020 and 2021 have been very challenging for the majority of corporate institutions under water service sector due to the adverse effects of Covid-19. This has resulted to diminished physical meetings and minimal use of hard copies to convey information and communication materials to stakeholders, thus institutions are using innovative ways to deliver on their mandate.*

*Equally, at Central Rift, we are glad to let you know that we are adopting to the new normal of channeling information to you using the E-newsletter. Despite that, we are very excited about what 2022 has in store for all of us. This will be a year of revival, growth and new opportunities for everyone in this sector. We appreciate your continued commitment to the Agency's growth.*

*We are confident we can make this year mutually rewarding. Our reputation is our most treasured asset and the foundation on which we have built on our mandate.*

*At CRVWWDA, we all know that the only way to protect and improve our reputation is to exceed our client's expectations-the Wanjiku out there. In this inaugural issue, you will surely appreciate our life changing water and sanitation projects within our area of jurisdiction and beyond.*

*Some of our major achievements in the past year has been our ability to roll out the Enterprise Resource Planning financial management program, initiate and continue to develop and complete the Africa Development Bank Funded Kenya Towns Sustainable Water and Sanitation Program-Rift Valley Cluster projects in 17 towns across our area and the other three related agencies' areas,*



*implement Covid-19 mitigation program, updated our web presence, stabilized and strengthened our existing client relationships among others.*

*We hope you enjoy reading this new Valley H<sub>2</sub>O E-newsletter and we look forward to your feedback so we can continuously improve this along the way. Thank you.*

*Eng. Samuel Oruma.  
Chief Executive Officer.*

## Kases Peace Dam



*Livestock drink water from Cattle trough constructed downstream the dam.*

**BY: VINCENT MABATUK**

The Ksh. 250 million Kases Peace Dam in Pokot North which is now complete is expected to bring truce between Pokots on the Kenyan side and the Karamoja of Uganda who for a long time, have been at war, effectively hurting livestock keeping which is a core economic activity in the region.

The multimillion shillings peace dam was implemented by Central Rift Valley Water Works Development Agency on behalf of the Ministry of- Water Sanitation and Irrigation. More than 1,000 households and thousands of their livestock have started benefiting from the multi-purpose Dam filled with water emanating from the slopes of Moroto hills in Uganda.

The programme dubbed Cross-Border - Peace, and Development seeks to end hostilities and resource-based conflicts among the three neighbouring communities and enhance sustainable development in the region by

promoting non-violent interactions, collaborations and prosperity.

The common border water project was implemented as part of the 2019 Moroto Peace Accord that ended recurring cross-border conflicts.

The water source will come as a relief to residents of West Pokot County constantly to migrate with their livestock to Uganda in search of water, leading to conflicts with their Karamajong neighbours.

The dam was funded by the Government of Kenya and the and will improve water supply to residents of Kasses, Kacheliba Sub-County, West Pokot and surrounding areas.

The dam project was authorised by President Uhuru Kenyatta of Kenya and President Yoweri Museveni Of Uganda. A memorandum of understanding was signed and launched on September 12, 2019 in Moroto, Uganda.



*A section of Kasses Peace Dam on a rainy season.*

### The Chairman's Luncheon CRVWDA's Chairman, Amb. Boniface Muhia officially announces the CEO Eng. Samuel Oruma to the staff at the Agency.



The days' business started with a word prayer from Lucy Mburu.



CRVWDA Board of Directors, Chairman Amb. Boniface k. Muhia and CRVWDA CEO, Eng. Samuel K. Oruma display the Strategic Plan document.



General Manager- Corporate Services Douglas Murei talks to directors and staff during the luncheon.



Director Lorna Timanoi addresses the management and staff of CRVWDA.



The Board of Directors, Management and Staff of CRVWDA.



Members of staff of CRVWDA follow proceedings during the Board of Directors' meeting with staff.



Staff of CRVWDA enjoy a sumptuous meal after an engaging meeting with the Board of Directors.

# 100,000 Residents To Benefit From The Implemented Water Projects In Laikipia County.



*Doldol Primary School pupils enjoy running water from the borehole*

**BY: PAULINE MORAA**

**L**aikipia County is a lowland with hyped farming and pastoralists’ activities. It also maintains a great number of wildlife conservancies in the country.

As climate change aggravates water crisis in the country, Laikipia County endures the worst impact of climate crisis that has seen women and children walk miles beneath the striking glare of the sun rays to route the unreliable precious commodity.

Water crisis has given pastoralists no other choice but to vacate their homes with their emaciated herd to hang around water catchment areas to share the scarce commodity. Scramble for water undoubtedly explains why the human-wildlife and social water users conflict remain a major concern.

The dependency on open springs, shallow water streams and seasonal rivers by locals and animals has brought about the rise of water-borne diseases as the water is

constantly contaminated by animal waste which results to aggravated land degradation and increased greenhouse gas emissions.

In light of this, CRVWWDA through the support of the Ministry and in close collaboration with the County Government of Laikipia has commenced the sinking of several boreholes in Laikipia West on the Public Priority Program.

The Majani, Mugongo, Thigio, Kio and Miteta Primary Schools boreholes are ongoing while Kiomariga, Doldol and Simotwo Primary School boreholes are complete. Procurement of works for the rehabilitation for Kirimara, Muramati, Tetu, Oldupai, Kirimon, Naiperereii and Bokish are currently ongoing.

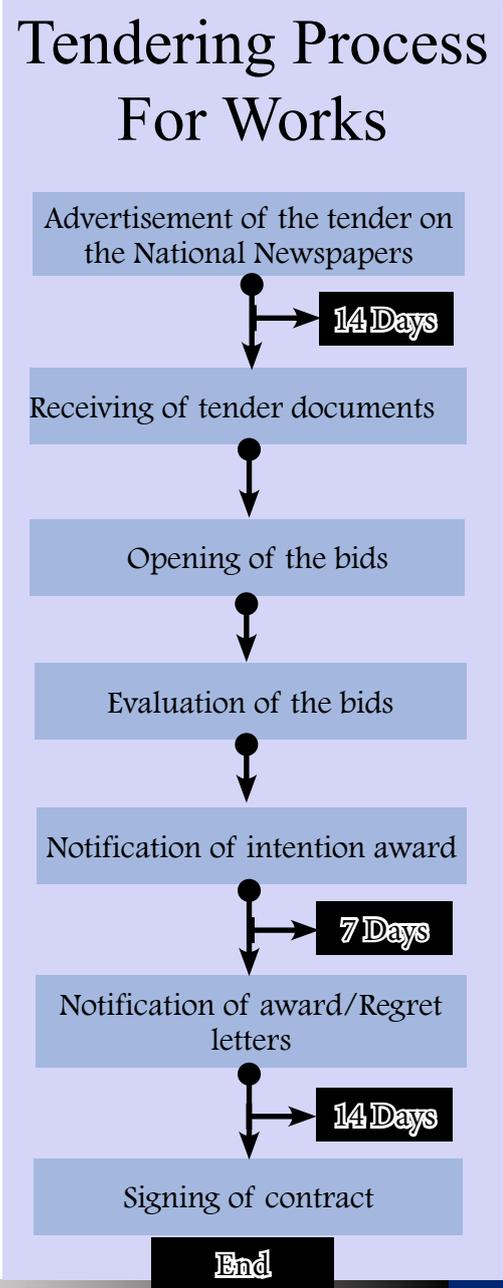
Further, CRVWWDA has come up with Cross County Water Projects that will serve as a long-term solution in Laikipia County. Featured here, is the multibillion Nanyuki Water Supply and Sewerage Project, that is projected to benefit a population of 48,000 by 2026 and the Rumuruti Water Supply and

Sewerage Project that will serve a population of 20,000 by 2024.

Other Water Supply Projects are the Mukurweini and Umande which are currently ongoing.

The Mirera and Kabanga water pans are due for disiltation process whereas the Solie Village 6 borehole is due for fencing which sums up the Laikipia Water Projects.

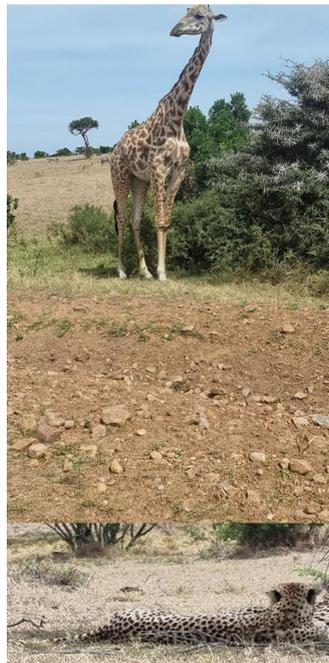
Soon, the water crisis in Laikipia will be belated. The miles covered by residents in Laikipia will be reduced to some metres to the tap. This will bring ease in the execution of their livelihoods.



### Events



*The Agency came together to reflect and celebrate milestones and achievements made in 2021*



## Residents of siaya county expected to benefit from extensive roll-out of water as the ugunja-sega-ukwala water project nears completion.



Laying of steel rising pipes

BY: SALLY OGEYA

**T**housands of residents drawn from Ugunja, Ukwala and Segla Towns could not hide their joy as they narrated their anguish over lack of clean and reliable water supply in the area. A state they have faced over the years.

“We are excited as the project nears completion so that we can have clean water. We have suffered from lack of it and also from waterborne diseases that arise time and time again. We look forward to the end of these tribulations. Ero Kamanouru,”

said Mama Akoth a resident in Got Osimbo as she held back tears of joy.

The Government of Kenya through the Ministry of Water, Sanitation and Irrigation received funding from the African Development Bank to undertake the construction of the project. The Project is currently being implemented by Central Rift Valley Water Works Development Agency in conjunction with Lake Victoria South Water Works Development Agency under the Kenya Town Sustainable Water Supply and Sanitation Programme

Speaking during an interview at CRVWDA headquarters, the Chief Executive Officer, Eng. Samuel Oruma said the Agency is committed to ensure the Project is completed as soon as possible and the beneficiaries enjoy the services.

“The Agency is devoted to working together with our partners to ensure water security while contributing to a rich, sturdier and unbiased Kenya, now and in the future,” He said

The Ugunja-Sega-Ukwala Water Project, in Siaya County is taking shape and currently stands at approximately 80% overall project completion status and is expected to be completed by 31st May, 2022.

The project works included construction of an intake weir across Nzoia River that will be complete with intake structure and wing walls and construction of three streams water treatment plant that will consist of inlet chamber, flocculation and sedimentation tanks among others.

Another critical component of the project is the hydropower generation. The project will have 2 turbines installed to help generate power to supply bulk water to the residents living in the higher areas.

“The use of turbines will adversely reduce the ideal cost of pumping the water upstream, contributing to reduced operation and maintenance “added Eng. Oruma.

The project earlier faced a lot of challenges that included community aversion causing delayed land acquisition and wayleaves from the roads Authorities and the Covid-19 pandemic that ravaged most of the country’s activities.

Upon completion, the Project will inject an additional 8.5 million litres of water to over 100,000 residents by year 2040.

## A modern Sewerage System opens a new dawn for Narok County residents



*CRVWDA directors inspect the completion of narok town sewerage system*

**BY: SHARON CHELANG'AT**

The Maasai, natives of Narok district refer to Narok as Enkare Narok (meaning black water/dark water) named after Enkare Narok River which flows through Narok town.

In the recent past, Narok's heavy burden is frequent flooding and poor sanitation, where water runs over ground during rainstorms, pick up faecal matter and contaminates water sources. With the general rapid increase in urbanization, there was dire need for a proper sewer system in Narok town.

The project which is being implemented by Central Rift Valley Water Works Development under Kenya Towns Sustainable Water Supply and Sanitation Program was funded by the African Development Bank and the Government of Kenya.

The main goal of the project is to develop the most cost-effective system to address sewage conveyance, treatment and disposal in Narok Town.

Proper sanitation and storm water management remain the two major challenges for the devolved systems

in Kenya. In Narok town, the lack of sewer system has affected the health of the residents as people defecate in the open and in water bodies. The construction of the waste treatment plant will see a reduction in the water-borne diseases. Poor sanitation also has a range of negative impacts on the economy because it is expensive to privately extract and dispose human waste.

The Narok Town Sewerage Project is going to serve over 1.2 million people living in Urban Narok. 0.5% of households are currently connected to the main sewer. Half of Narok's population, 49.1% use covered pit latrines and the other half, 50.4% use the open bush for human waste disposal.

There is need for increased and continuous community sensitization on the risk of poor solid waste management to prevent frequent occurrence of sewer blockage and overflowing manholes. The scope of works for Narok Sewerage Project comprises of Trunk and Secondary sewers, Main Trunk Sewer, Sewage Treatment Plant, Sewer Connectivity targeting 500 connections and Last Mile Water Supply Connectivity.

**BY: PRISCILLAH KIMINJA**

### CRVWDA Adopts New Technology For Efficient Service Delivery

Central Rift Valley Water Works Development Agency is implementing the Enterprise Resource Planning (ERP) system to elevate its service delivery and deliver on its mandate.

The ERP software syncs the diverse divisions within the Agency to speed up its operational processes. The software binds together divisional systems that can be accessed with one interface, consequently, leading to a seamless flow of communication and sharing of information within the divisions.

Following its implementation, the expected benefits will be; ensuring Agency operations are standardized to save on time, a centralized database for access of information to promote collaboration between all divisions, improve the accuracy and consistency of information flowing within the departments thus minimizing errors, and finally minimize repetition of operations within the office.

The Agency's staff have been undergoing a series of user training on how to adapt and incorporate the software into daily office operations. In addition, it is expected to heighten staff morale in the office resulting in improved performance and productivity leading to staff growth and development in their respective careers.

Modern technology implemented in any organization gives it a competitive edge in its industry. With the constant advancement in technology in the water sector, the ERP software has provided the Agency with an opportunity to remain vigilant in its methods of service delivery to meet the public's expectations and deliver on its mission.

## Water Project Connects 20,000 Residents Of Kabarnet Town



*Exposing of existing water mains for rehabilitation.*

**BY: PRISCILLAH KIMINJA**

**R**esidents of Kabarnet Town are upbeat about the rehabilitation and improved water supply system project that is slowly taking root.

The Last Mile Connectivity Water Supply project being funded by the African Development Bank and the National Government at the tune of SH 100 Million is aimed at boosting water supply for the Town.

The project commenced on 1st July 2021 and is being implemented by Central Rift Valley Water Works Development Agency (CRVWDA) under the Kenya Towns Sustainable Water Supply and Sanitation Program (KTSWSSP) seeks to improve the access, quality, availability, and sustainability of water supply in 17 towns under the Rift Valley cluster.

The region has been facing a long dry spell that has caused the community to endure perennial water shortages, subjecting them to consume contaminated water drawn from springs, consequently exposing them to water-borne diseases such as Cholera and Typhoid.

Currently, the Town and its environs are heavily dependent on Kirandich Dam as the only main water source. However, usage of water from the dam has been an uphill battle with numerous challenges ranging from unpaid electricity bills to pump water and the robust population growth causing a strain on the existing water supply pipes.

School activities have faced constant disruption with students having to spare their limited school hours to draw water from nearby streams for school use. In addition, business owners are running dry in their pockets

from the unending need to purchase water, especially for hotels that have hygiene standards to maintain.

The targeted institutions set to benefit from the project include; Seguton Primary School, Sunrise Children's Home, Baringo Training Institute, County Referral Hospital among others.

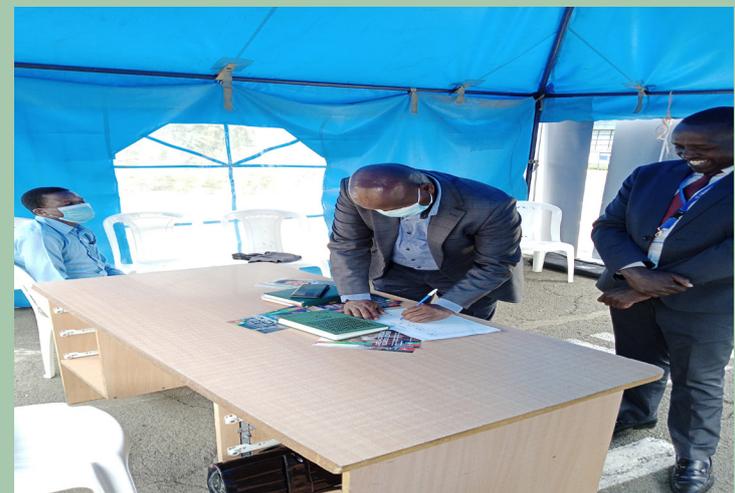
The overall construction works are at 36% with completion anticipated to be in 2022, subsequently officially handing over to Kirandich Water and Sewerage Company for further management purposes.

On completion of this noble project, the locals will have an opportunity to re-direct their efforts to economic generating activities and tending to their households. It will rekindle their hope knowing their lives will normalize with the provided solution to their water challenges that compelled them to walk for miles in search of the precious commodity.



*Installation of air valve along new water mains.*

### Social Scene



General Manager corporate services, Douglas Murei and Corporate Communication Manager Carlos Cheluget are taken through Financial Management Training by UAP Insurance Company Limited at the Agency



CRVWDA staff in a leg twist during the wedding of one of the staff, Felix Kiprop.

CRVWDA staff presents a gift to Dennis Ng'ang'a on his wedding.



CRVWDA lady friends all joyous at Hulda's baby shower.



Faith's baby shower by CRVWDA lady colleagues

