

Operations and maintenance crucial for quality water supply

WATER is life, and the provision of quality water that meets the required standards is important for a healthy society.

After all, access to water is a human right, therefore people must be reliably provided with clean and healthy water in a sustainable manner. In order to ensure the provision of safe and quality water to communities, it is important to have the right, effective and efficient infrastructure.

This, then, calls for the water supply infrastructure to be always in good condition to deliver quality services, which in this case is clean, quality water.

To effectively supply sustainable

quality water to communities requires proper operations and maintenance of water supply and delivery infrastructure. Proper operations and maintenance are critical to ensure that the water supply operations run smoothly from the source to the tap of the end user.

Proper operations and maintenance prevent unnecessary breakdowns and ensure that infrastructure breakdown challenges are swiftly addressed, thereby preventing communities from being denied the source of life.

This, then, calls for water services authorities and providers to prioritise operations and maintenance of their water supply infrastructure and invest

accordingly.

Proper operations and maintenance are also critical to prevent the unnecessary loss of this precious water through leaks. It will also ensure early leak detection and the speedy repair of damaged infrastructure, ensuring that all people have access to quality water.

Leaks waste a lot of precious water and also compromise the water quality as they allow pollution to creep into the pipelines. Therefore, they must be identified early and repaired to ensure the reliable supply of quality water to communities.

Proper operations and maintenance save money and prevent the

loss of precious water.

Lack of proper operations and maintenance leads to regular infrastructure breakdowns and failures which cost a lot of money to fix in an emergency.

It also leads to high levels of water losses, which translate to revenue losses for the water services authorities and providers.

Directly linked to operations and maintenance is the employment of qualified personnel.

Correct and suitable skills are required to ensure proper operations and the sustainable supply of quality water to communities and water users.

Qualified and suitably skilled

personnel will prevent unnecessary infrastructure breakdowns as they will ensure proper operations and maintenance of the water supply, leading to the sustainable and reliable supply of quality water to communities.

Proper operations and maintenance, coupled with the appointment of qualified personnel, are important to prevent the pollution of water resources by making sure that wastewater treatment plants are properly functioning and don't lead to sewer spillages that have a negative impact on the quality of water.

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