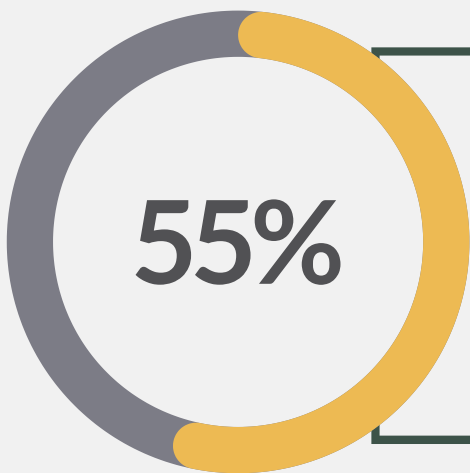


Mncwasa Water Scheme

Survey key findings

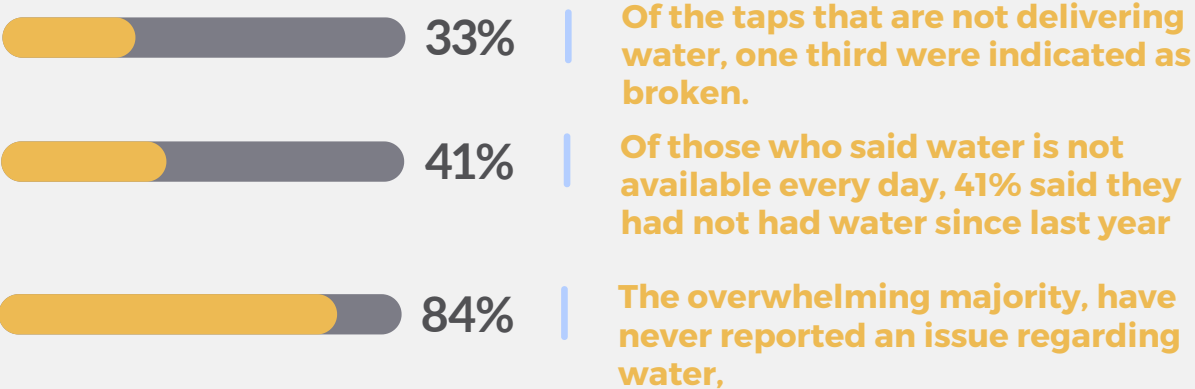
6 surveyors conducted a survey from 30 March – 5 April 2021. 32 reservoir supply areas were evaluated, 297 interviews were conducted (an average of 9 per reservoir supply area) and the interviews provided information regarding approximately 941 taps.



On the day surveyed, over half of the respondents (55%) indicated that there was not water available and 82% of respondents indicated that water is not available every day. Of those who indicated that water is not available every day, 41% indicated that they had not had water since last year.



The overwhelming majority of the respondents indicated that the water tastes, smells and looks fine. Water quality is therefore good coming from the Mncwasa Water Scheme.



Only a small percentage, 13% have ever reported an issue. Only 37.5% (15 respondents) indicated that the fault was resolved after reporting.

In addition, a significant number of overflowing Reservoirs and leaking BPT's were observed.

It is evident from the surveys that the availability and reliability of water decreases across the scheme, and then down to Zithulele. Any problems relating to the Scheme affect these areas the most.

"The Scheme is seldom if ever full or near full and is seldom kept in a filling mode for long enough for the Scheme to materially fill . . . The design of the Scheme is based on the assumption that the bulk supply networks (pipelines & reservoirs) are kept 'full' all or most of the time." Ketteringham, engineer

- The following primary recommendations are made:
- address all faults identified (leaks and broken taps)
 - ensure 2 pumpsets are operational at all times
 - fix Eskom phase imbalance challenges and have standby power generation capacity
 - judicious flow control within the scheme is required.
 - a second pipeline from the command reservoir, with its own outlet, to the Zithulele T-off, is recommended to ensure an equitable water supply to the Zithulele leg.
 - ongoing monitoring and operation of the Scheme is required by ADM
 - devise a longer-term strategy to improve community monitoring and reporting

WE INTEND TO WORK HAND-IN-HAND WITH AMATHOLE DISTRICT MUNICIPALITY TO FIX THE BARRIERS TO ENSURING RELIABLE ACCESS TO WATER IN OUR COMMUNITIES.

For more information on the report, visit www.equalitycollective.org.za