



Baseline Survey Factsheet on Water, Sanitation, and Hygiene in Doyo Gena Town, SNNPR, Ethiopia

SUMMARY

This Factsheet presents Doyo Gena town summary of the baseline survey conducted by IRC WASH as part of the independent monitoring and evaluation of the KfW funded “Durable WASH Solutions to Drought in Southern Ethiopia - Planning for the Future” programme implemented by UNICEF Ethiopia between 2020-2025 (referred to as “Three Town Project” in this report). This town factsheet presents the status of WASH services by the end of 2020 and before implementing the project. It covers water and sanitation services in the town and in selected satellite villages, as well as WASH services in schools and health care facilities.

Reliable access to sufficient drinking water is a major challenge in Doyo Gena town. Poor households rely mostly on surface water, so the project intervention needs to have a pro-poor approach. In schools and health facilities access to reliable water supply is a major challenge and they should get connected to the town water supply systems. Sanitation coverage varies between rural and urban areas. The quality of existing sanitation and handwashing facilities is poor and market-based sanitation will be part of the intervention to move households up the sanitation ladder.

Introduction

There is no reliable drinking water supply in Doyo Gena town and there are also very limited alternative sources to get water in the town. The water supply for the town depends on two boreholes both located in Wagbetta field - Kechera (constructed 20 years ago) and Hebba (constructed in 2005). The water supplied from these sources is not adequate for the increasing

number of people and businesses in the town. There are a lot of public pipes in the town, but all are not functional as there is no water supply. There is one water spring in the town serving as an alternative source, but the surrounding area is not hygienic and not well maintained. But, with minor maintenance the service provided at this point can be improved and a lot of water can be saved.

Figure 1: Map of Ethiopia showing the location of Doyo Gena town



The water supplied by the utility has no quality problem, but the main challenge is getting the water. The quality of the water supplied by vendors is acceptable and the communities use it as they do not have many options and therefore use the water available.

The price of water from vendors varies from time to time and ranges from 5 to 10 Birr/jerrycan. The tariff of the utility is not that high, but the main problem is that people do not get water or only once a month. Even though they have no service, people are still supposed to pay their water bill and meter rent every month.

As the newly established municipal administration has no clear strategy or approach to solve the current situation - the anticipated water supply project of Doyo Gena town will be a blessing for the community.

In health facilities and schools there is no water supply either from the pipes or alternative sources. Though schools are open and there are some handwashing stations here and there, these

were not functional at the time of the visit as no water was available.

Figure 2: Surveyed waterpoints in Doyo Gena town: functional (blue) and non-functional (red)



Looking into the sanitation facilities, all toilets are very dirty as there is no water to clean. Even though most schools have toilets, the sanitary conditions are poor due to water problems and a lack of handwashing facilities near the toilets. Sometimes schools request students to bring water during their weekly school cleaning program.

Key Information

Doyo Gena is the capital town of Doyo Gena woreda in Kembata Tembaro Zone, SNNPR. The projected population for 2020 was 36,954. In addition to the town, one satellite village (Wagebeta) with a population 10,660 for the same period (2020) will be connected to the town water supply system, this will make up a combined population of 47,614.

Figure 3: Status of WASH Services in Doyo

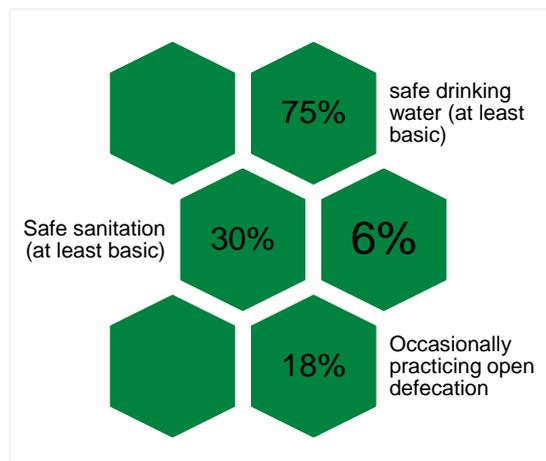


Figure 4: Map showing location of Doyo Gena town and the satellite village of Wagebeta



Figure 5: Time spent on collecting water in Doyo Gena town



Conclusion

Reliable access to sufficient drinking water is a major challenge in Doyo Gena town. Investments in the water supply infrastructure and the capacity of the town water management are expected to effectively address the challenges the town is facing. Currently, poor households are less likely to have access to at least basic water services and are more likely to use surface water. This indicates that special attention needs to be given to reduce these disparities during project implementation and project activities should include pro-poor measures to ensure affordability of piped water for everyone.

Figure 6: Fetching Water



Town water management needs to be strengthened so that service providers can reliably track the amount of water produced and supplied, prepare audited financial records, and establish a comprehensive asset management system. Sanitation coverage varies between urban and rural areas. In the satellite villages, the focus should be on sustainably eradicating open defecation, while in the urban areas attention should be on market-based sanitation activities.

Overall, the quality of existing sanitation and handwashing facilities is relatively poor and an active private sector that offers attractive and affordable products and services is essential for households to move up the sanitation service ladder.

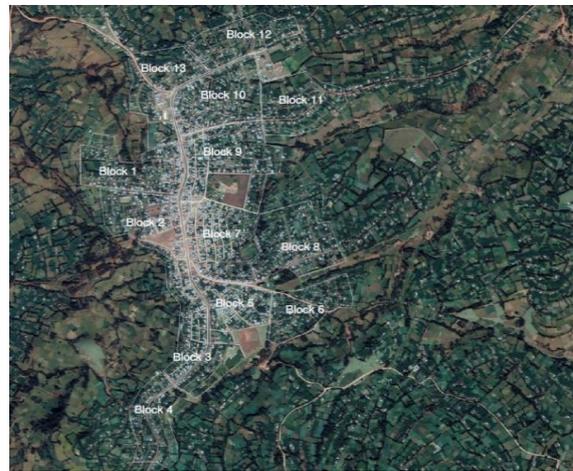
Figure 7: Water point survey in Goyo Gena



The waterpoint survey in Doyo Gena included 13 public water points of the town's piped water network, all of which were reported to be non-functional at the time of the survey. Only eight out of the 13 public waterpoints were georeferenced. The survey also included the only functional water scheme in the town: a protected spring.

In Wagebeta satellite village, two of the three public standpipes were functional and there were also seven protected dug wells fitted with handpumps, and one is not georeferenced.

Figure 8: Sampling blocks in Doyo Gena



In schools and health facilities access to reliable water supply is a major challenge and all schools and health facilities should get connected to the town water supply systems.

References

3T project baseline report

Photo Credits

Maps from Google Earth, 2021

Photos taken by enumerators during the baseline data collection

About Durable WASH in Southern Ethiopia Programme

Further information on baseline study findings from Doyo Gena and two other towns are discussed in the main baseline report. This report is available from UNICEF.

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