

Towards Water Sustainability

Story of Govt. Primary School, Bikanahalli of Koppal District

School Profile:

Govt. Primary School, Bikanahalli,
Koppal District, Karnataka
U- Dise Code: 29070302301
Number of Students: 62
Number of teachers: 3

In January 2020, a baseline survey was conducted jointly by Samagra Shiksha, Karnataka, Centre for Environment Education and UNICEF to assess the status of water, sanitation and hygiene in schools of the State and allotted star ratings ranging from one star to five stars. During this survey, the school was allotted with **one star** due to poor water and sanitation facilities.

The school lacked both drinking water supply and water for daily usage since it has been established in 1958 until 2019, when the Gram Panchayat (GP) installed an RO unit close to their school in 2019.

Even with the RO installed, teachers had to fetch the required quantity of drinking water from the RO unit on a daily basis and school had additional burden of filling the water barrel for using in kitchen and other purposes from a nearby public water tap outside the school. Lack of funds have left GP members and SDMC helpless in improving water services in the school time and again.

Under the 100 day campaign launched under Jal Jeevan Mission (JJM), the school's request was approved and tap water connection provided. As soon as the approval was received, a storage tank of 500 litres capacity, pipelines (2 inches pipe) were drawn from a distance of 100 feet and five taps were installed in the kitchen, two toilets and handwashing points.

As the pipelines are drawn from the main pipeline, the school authorities are confident of getting uninterrupted water supply. JJM has helped the school in getting continuous water supply.



Fig-1: Nelwy installed over-head tank

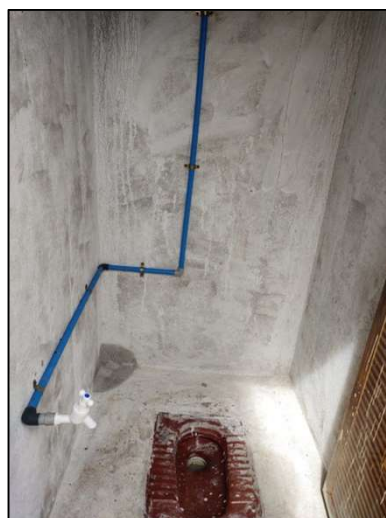


Fig-2 Water Pipeline to the toilet



Fig-3 : Water pipe connection to the handwash unit

Access to Continuous Water Sustainability

Story of Shivapura Tanda Government Lower Primary School

School Profile:

Govt. Lower Primary School, Shivapura
Tanda, Kalburgi District, Karnataka
U- Dise Code: 290406127
Number of Students: 41
Number of teachers: 1

In January 2020, a baseline survey was conducted jointly by Samagra Shiksha, Karnataka, Centre for Environment Education and UNICEF to assess the status of water, sanitation and hygiene in schools and allotted star ratings ranging from one star to five stars. In this survey, the school was allotted a **two-star rating** as the school lacked proper water and sanitation facilities.

To meet the water needs of the school, a borewell was installed in February 2020 within the school premises and water was drawn from it with the help of a motor. Though water was sufficiently available, the school lacked continuous water supply to the kitchen area as well as toilets. In November 2020, when Mr Raghavendra, Headmaster of the school received information on the launch of 100 days campaign under Jal Jeevan Mission to provide piped water supply to the school, he approached the gram panchayat with an application to provide the facilities to his school. His efforts were supported by the block and district officials by sending a request to Zilla Panchayat to provide continuous water supply to the school. This was approved by the gram panchayat and the school was provided with a 1000 litre overhead tank, 0.5 hp motor and pipelines and taps in kitchen, toilets and handwashing area.



Fig-1: Overhead Tank with 1000 lts. capacity



Fig-2: Children using tap in handwashing area

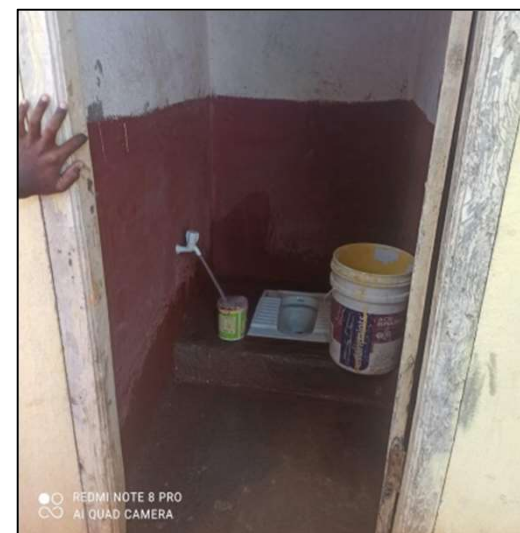


Fig-3: Water supply in toilet

Improving Water Supply to Schools

Story of Malla (k), Government Lower Primary School



Fig-1: Newly installed overhead tank



Fig-2: Accessibility of water to toilets

School Profile:

Govt. Lower Primary School, Malla (K),
Kalburgi District, Karnataka
U- Dise Code: 290406092
Number of Students: 117

This lower primary government school (GLPS), received one-star rating in a baseline survey conducted jointly by Samagra Shiksha, Karnataka, Centre for Environment Education and UNICEF to assess the status of water, sanitation and hygiene in schools indicating a lack of proper water supply and sanitation.

The school had limited accessibility to water supply, to the kitchen room wherein water was stored in a steel container. Similarly, water was stored in drums near handwashing and toilets. There was no access to drinking water which forced students to bring water from their respective homes.

In October 2020 the Government of India launched 100 days campaign under Jal Jeevan Mission intending to provide piped water supply to schools, anganwadis and health centres. The district officials of the Department of Education provided the list of schools that require a piped water supply to the Department of Rural Water Supply and Sanitation (RWSS). After receiving the list, the Engineer from RWS department carried out spot inspection to GLPS Malla (K) and sanctioned an overhead tank, motor and pipelines to toilets and handwashing area. The work was carried out in December and teachers are happy about the continuous water supply which helps in keeping the school premises clean.