

Report to Cumbria Overseas Aid Trust

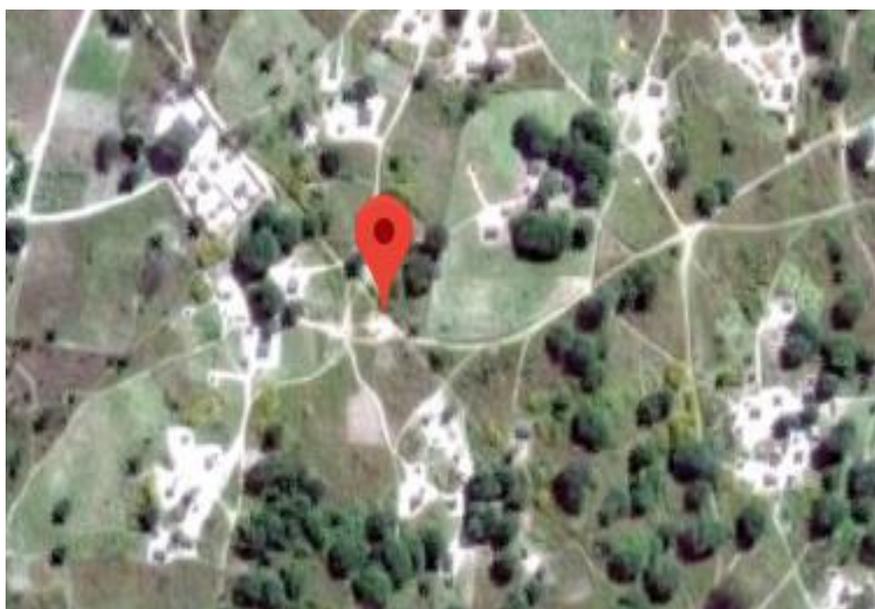
2017



In 2017, the Cumbria Overseas Aid Trust kindly supported Village Water with a grant of £750, your wonderful donation enabled us to bring safe water back to the families living in Nginda Village in Zambia.

Nginda Village

Nginda Village is home to 226 people living in 41 households. The majority of people earning a living from farming the staple crops are cassava, rice and maize.



Village Name: Ngina Village

Population: 226 people (81 men, 65 women & 80 children under 10)

Households: 41

District: Kaoma

Province: Western **Country:** Zambia

GPS: -14.8076972200, 25.0086111100
(you can put these in Google maps to look around the area).

Before your support

The community were supported by Village Water in 2007 and enjoyed many years of safe water but the water-point broke down in 2015. The community had been saving towards a maintenance fund, but this was not enough to cover the repairs and they no choice but to return to collecting their water from scoop wells.

Scoop wells are open to the elements and contamination from ground water run-off, particularly during the rainy season. Rodine Chombo pictured collecting water from the scoop well is a 32-year mother of 3, she told us: *"Our lives were perfect before the pump broke down, nowadays we are suffering because we drink dirty water from the scope well and that can cause diseases like diarrheoa"*



Further investigation showed that the borehole needed to be rota jetted to remove siltation and deepen it and the pipes, rods and handpump required replacement.

Hygiene & Sanitation Promotion

When we first visited the community in August 2017 we found that despite the water-point breaking down the majority of households in the community had maintained their latrines and there was no evidence of open defecation. However, their latrines did not have lids which is unhygienic and can cause problems with flies. There were also no handwashing devices in use in the community.

Hygiene and sanitation refresher training was conducted with the community which focused on preventing diseases through good hygiene, particularly handwashing, safe storage of food and water and demonstrations on how to build sanitation facilities. Household that did not have a pit latrine were asked to build one and all households were asked to make lids for their latrines. We also asked that every house build a tippy tap, rubbish pit, bath shelter, dish rack and pestle & mortar stand prior to the water-point being repaired.



Rodine Chombo at her pit latrine.

Safe water

The water-point was repaired in November 2017. The manual drilling team jetted inside to deepen the well and remove siltation, they installed new PVC rods and pipes and a new India Mark II handpump. The water-point is working and producing water after 1 stroke and filling a 20-litre container after 53 strokes. Water quality tests have shown it is fit to drink.

The community have started a water committee who received maintenance training and a tool kit from the manual drilling team. They have already started collecting maintenance fees from the community. These steps will help ensure it does not breakdown in future.

The difference you made

Each time we visit a community field staff check the number and use of sanitation facilities and complete household health surveys with at least 3 households. These check for the number of cases of diarrhoea, eye and skin infection in the previous 7 days and how many days have been missed from school or work as a result.

Data collected before and after our support shows that all households have installed and are maintaining their sanitation facilities.

| Visit | Latrines | Tippy taps | Rubbish pits | Bath Shelter | Dish Rack | Pestle & mortar stand |
|-----------------|--------------|------------|--------------|--------------|-----------|-----------------------|
| Baseline | 37 no lids | 0 | 21 | 31 | 34 | 38 |
| Latest | 41 with lids | 41 | 41 | 41 | 41 | 41 |
| Total | +41 | +41 | +20 | +10 | +7 | +3 |

The community members we surveyed at each visit had not experienced any cases of waterborne diseases in the previous 7 days. This is very fortunate as the average prevalence of diarrhoea across all villages supported in 2017 was 14% before our intervention, this dropped to 1% after our support- a reduction of 93%. Follow up visits will be conducted to reinforce messages and ensure good standards are maintained.

The community were delighted to have their water-point back in use, they have started to construct a protective building for the pump. When completed this will protect it from both the elements and animals.

Mrs Charity Mateu a 46-year-old mother of 2 is pictured below using the new pump. She told us what having safe water back in the village meant to her:

'We are happy to have a water pump. Before the water pump was rehabilitated, we struggled a lot to find water. We therefore say thank you, and we now drink clean water. We bath every day and wash our clothes more often. Our bodies are healthier.'



Thank you so much for your support. Together we are changing lives for good.

***Please help us respect our beneficiaries' privacy. We ask that if you publish these photos you do not use the full name in conjunction with the school name**