



**Milgis Trust**  
*Water Projects Department*



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*Projects maintenance report October. 2021 – March 2022*

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## Summary

The importance of our water projects has been especially highlighted this first quarter of 2022 . The drought is still ongoing and although usually we would be seeing the onset of rains. - we have not had any yet. Furthermore the meteorological forecast is that we will likely receive below-average rainfall in the upcoming season. So all in all it has been very difficult, particularly for pastoral peoples who are 100% reliant on livestock. We have seen that in our area, people have been losing more than half of their livestock, especially the cows.

There has also been a huge increase in conflict over grazing, water and resources between the different tribes. The water projects have continued to provide huge relief for all of the inhabitants of the respective locations. They have also reduced conflict when there has been neighbouring tribes moving through our the area – though we have had to carefully manage consumption so as to protect the fragile water table.

It is important to note that this report is mainly covering the implementation of the Q3 2021 Expenditure. Due to delayed fabrication of tanks, the jobs that were covered by the Q3 2021 budget were only implemented in Q1 2022. Additionally, the remaining funds that carried over into Q4 2021 (USD 73.28) were only adequate for maintenance on Masikita – see below. Thus why there was very little done in Q4 2021.

Fortunately, thanks to your generosity, we have been able to order another steel tank for Mpagas, as well as install the tanks ordered last year (only one was under Fondation eagle budget)



### **New Team member**

We have also been fortunate to engage a new water projects manager – Mugo Lenkaldayo who started in January this year. Mugo is from Baragoi community, and is well educated. He has been a great addition to the team and is learning very quickly! As well as being practical, he is also proving to be very handy at data collection and reporting which is really helping us keep on top of the maintenance.

## Mikenya Water Project

As you will recall, last year we were focusing on our projects in the eastern Ndoto's, as they border the desert which has been particularly hard hit by the drought. We had chosen Mikenya to be one of the projects that we test out the new steel water tanks, included in last year's Q3 budget. The fabrication took longer than anticipated and we only mobilised the tanks in Jan 22'. The newly installed unit is fantastic! Not only has it improved the storage capacity, but it has also improved water quality as there is a tank cleaning valve and no degraded plastic sediments.



The old tank, damaged by the sun and leaking



The new steel tank- painted and installed

## **Loltepes Water Project**

Loltepes is also on the eastern side of the Ndoto's. As you may recall, the plastic tank here had also been damaged, this time by a thirsty elephant. We had also allocated some funds for (installation only) of a new tank and steel stand in loltepes. We installed this tank at the same time as Mikenya. Additionally, we refurbished the piping , which was also damaged. The trough here which acts as an overflow had been destroyed by elephants, so we also repaired the trough. Furthermore , the community standpipe had been damaged by warthogs that had burrowed underneath the slab – probably in search for water - so we built a new standpipe. The overflow from the tank now feeds the trough so that wildlife can drink without having to share water at the community standpipe. The pump that was replaced last year working perfectly and there is plenty of water being delivered.



The new steel tank



New pipeline to trough



New trough filling up



New Community standpipe

## Masikita & Masikita Simiti Water Projects

Masikita is an area bordering the Elbarta plains – a vast grassland that is largely uninhabited due to tribal tensions. This area is the main pasture for the Samburu people, and is also an important resource for the Turkana tribe. Years of cattle rustling have made this a precarious place to live for both communities. There is also very little water in this area – only a couple of government dams that hold water for a few months of the year. We have two water projects here, Masikita - set up 10 years ago, and Masikita Simiti, 7 years ago. Our team recently carried out repairs on the community standpipe, and serviced the solar systems.



Community standpipe working well



Mugo Changing some fittings



Mugo servicing controller & panels

## 2021

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### Q4 Expenditure

Transport							
22.11.2021	Motorbike	0.7	km		108	75.6	Distance covered
						<b>Subtotal</b>	<b>75.6</b>
						<b>Q4 Total</b>	<b>75.6</b>

## 2022

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N.B Balance Brought as from 31.12.2021 : USD 0

### Q1 Expenditure

Equipment							
Date	Description	Actual Unit Cost	Unit Type	No. Units	Total	Outcome	
12.01.2022	Cable Joints	30	repairs	3	90	Splicing kits	
12.01.2022	Well probes sensors	93	replacement	5	465	New Motor	
04.01.2022	8000L Steel Water Tank	3680	lump Sum	1	3680	Tank Ordered	
						<b>Subtotal</b>	<b>4235</b>
Wages							
31.03.2022	Water Projects Coordinator	250	monthly wage	3	750	wages paid	
						<b>Subtotal</b>	<b>750</b>
Transport							
31.03.2022	Motorbike	0.7	km	120	84	Distance covered	
31.03.2022	Vehicle	2.6	km	1200	3120	Distance covered	
						<b>Subtotal</b>	<b>3204</b>
						<b>Q1 Total</b>	<b>8189</b>
2022 Accumulative							<b>8189</b>

*Kindly note the price of steel has gone up a lot since last year, hence the price difference in tanks compared to Q3 2021*

A very big thank You and we look forward to updating you at the end of Q2!