



**eagle
foundation**



M.E.A.K - Report for Fondation Eagle:

October 2021 – March 2022

**Project: MEAK / Milgis Water Projects, Milgis Conservancy, Samburu
County, Kenya**

Donor:

Fondation Eagle, Switzerland

Donor's reference:

FF 0613

Charity:

Medical & Educational Aid to
Kenya (UK), together with the
Milgis Trust
(Kenya)

Date of acceptance:

December 2021

Date donation received:

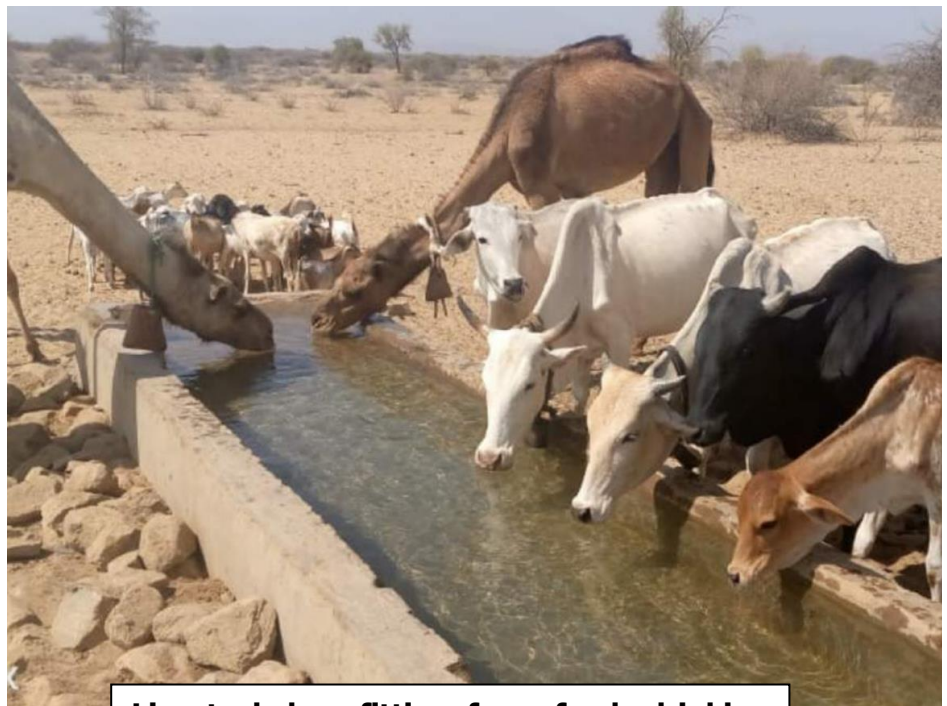
January 2022

Amount of Donation:

A one-off grant of \$20,672

Duration of project:

It is estimated that the grant will fund the operation & maintenance of the water projects for approximately one year period (currently 15 months), which is dependent upon the amount of intervention each individual project needs & the recent rising costs of materials.



Livestock benefitting from fresh drinking water, supplied by the Milgis water projects

Estimated number of beneficiaries:

Approximately 30,000 people have been provided with clean water in 14 different communities within the conservancy, with a particular focus on 5 projects in severely drought affected communities. The water projects also provide employment for 28 members of the community.

Report from the Milgis Trust - 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

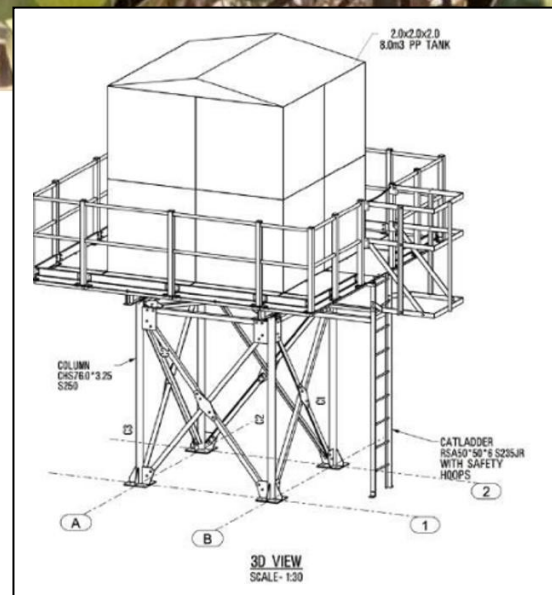
We have also been fortunate to engage a new water projects manager – Mugo Lenkaldayo who started in January this year. Mugo is from Baragoi community, and is well educated. He has been a great addition to the team and is learning very quickly! As well as being practical, he is also proving to be very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

Report from 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.



Due to the extreme heat in these areas the plastic tanks that were installed previously had become not fit for purpose. They began to leak badly which necessitated their replacement. All of the tanks have been changed to galvanised steel tanks on a taller tower than the plastic tanks. We are hopeful that this construct will last for many years to come



Report from 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.



New water tank



New pipeline to trough



New trough filling up



New community standpipe

Report from 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

Challenges in implementing & maintaining the water projects:

The challenges for the water projects remain unchanged from those described previously. These are:

- Damage to vital equipment from:
 - Wild animals, such as elephants and burrowing warthogs
 - Human error & climate
 - For example, the heavy plastic of the water tanks being destroyed by the harsh sun
- General wear and tear

Water projects impact:

As always, we learn from these challenges and put new strategies in place to address them with more long-term solutions, such as commissioning galvanised iron water tanks on higher stands and the creation of separate areas for animals and people to collect water

The long term impact of the water projects is mainly positive. The positive aspects include:

- Improved child health
- Greater attendance at school
- Improved maternal healthcare
- Improved hygiene at the dispensary
- Healthier livestock
- More time for productive activities

However, on the negative side, there are more people settling around the water project, which can increase pressure on nearby natural resources, particularly grazing as the Samburu are pastoralists.

Budget details: Expenditure update – October 2021 to March 2022

| 2021 | | | | | | |
|------------|-----------|-----|-----------------|----------------|-------------|------------------|
| | | | | Q4 Expenditure | | |
| Transport | | | | | | |
| 22.11.2021 | Motorbike | 0.7 | km | 108 | 75.6 | Distance covered |
| | | | Subtotal | | 75.6 | |
| | | | Q4 Total | | 75.6 | |

Budget details: Expenditure update, cont....

2022

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 |
| | | | Subtotal | | 4235 | |
| Wages | | | | | | |
| 31.03.2022 | Water Projects Coordinator | 250 | monthly wage | 3 | 750 | wages paid |
| | | | Subtotal | | 750 | |
| Transport | | | | | | |
| 31.03.2022 | Motorbike | 0.7 | km | 120 | 84 | Distance covered |
| 31.03.2022 | Vehicle | 2.6 | km | 1200 | 3120 | Distance covered |
| | | | Subtotal | | 3204 | |
| | | | Q1 Total | | 8189 | |
| | | | 2022 Accumulative | | 8189 | |

Budget summary:

The expenditure between October 2021 and March 2022 amounted to \$8189.

The grant total was \$20,672. There were no funds carried over from the last grant. The amount spent on the water projects to the end of Q1 was \$8,189. This amounts to \$12,483 remaining.

Note: The price of steel has increased greatly recently, which is reflected in the price of the steel water tanks.

Thank you:

Once again, the Milgis Trust & MEAK are incredibly thankful for the support of Fondation Eagle.

Through this support the Milgis Trust maintain the water projects, which continue to be a necessity to the health & livelihoods of the Milgis community. Fondation Eagle can feel justifiably proud that they have made such a difference to the lives of so many people & animals.

The Milgis Trust look forward to updating you at the end of Q2!