

Loltepes Water Project

Our team received news that loltepes project had stopped functioning. This is one of our biggest projects and supplies water to approx 2500 people. It is also a fairly deep borehole, and therefore a difficult job to remove the pump for inspection.

After removal, it was noted that the pump needed servicing, and that the original pipe suspending the pump was outdated. Fortunately the team had a spare pump at hand. We also replaced the 150m of piping with a new type of sturdy piping (Arshivad). It is now working well and everyone has access to water.



Removing the pump



Damaged pump

Nkwe Eltome Water Project

During the onset of rains in late April to May, the area where this water project is received some out of the blue rainfall. This heavy rain caused erosion to wash away a section of the pipeline. This project is not too far from our HQ so it was fairly easy for our team to go and bury the pipe properly.



The exposed pipe



Covering the pipe with a solid foundation

Matepes Water Project

In July, the drought really started affecting the water tables in the western Ndotos. Matepes relies on a hand dug well instead of a borehole – these are usually more effected by drought. The water level had dropped significantly here and the community had resorted to removing water by hand. Our team went and extended the pipe so that the pump was submerged again.



Extending the pipe



Some very grateful ladies blessing our team

Loikumukum Water Project

Loikumukum reported a pipe that had been burst by thirsty elephants! This seems to be an increasingly common issue with the ongoing drought. Fortunately this was a fairly easy fix for the team and they were able to reinforce the shallow layer of soil covering this section of pipe. The project is now working perfectly!



Pipeline repairs in action

Budget expenditure as per above Q2 & Q3 2022 maintenance (USD)

Q2 Expenditure					
Borehole Survey					
25.06.2022	Hydrological Survey	1040	Lump sum	1	1040
Subtotal					1040
Equipment					
20.04.2022	Arshivad column pipes	25	Pc	50	1250
20.04.2022	St/steel bottom & top adapter	65	pc	3	195
20.04.2022	Steel Bottom & Top Adapter	65	pcs	3	195
20.04.2022	82-A2 splicing Kit - ARJE	45	Pcs	6	270
20.04.2022	Courier Charges	130	lump sum	1	130
20.04.2022	Well Probe Sensor	89	pcs	6	534
Subtotal					2574
Wages					
31.06.2022	Water Projects Coordinator	250	monthly wage	3	750
Subtotal					750
Transport					
31.06.2022	Motorbike	0.7	km	400	280
31.06.2022	Vehicle	2.6	km	600	1560
Subtotal					1840
Grand Total Q2					6204
Accumulative Expenditure 2022					14403

Q3 Expenditure					
Equipment					
20.06.2022	100m 40mm pipe	156	pc	9	1404
20.06.2022	Connectors	160	lump sum	1	160
20.06.2022	82-A2 splicing Kit - ARJE	45	Pcs	6	270
20.06.2022	Fittings	100	Lump sum	1	100
13.07.2022	Well probe sensor	6	pcs	6	36
25.07.2022	Controller repair	200	Lump sum	1	200
19.08.2022	Technical support	150	Lump sum	1	150
Subtotal					2320
Wages					
31.09.2022	Water Projects Coordinator	250	monthly wage	3	750
Subtotal					750
Transport					
31.09.2022	Motorbike	0.7	km	550	385
31.09.2022	Vehicle	2.6	km	715	1859
Subtotal					2244
Grand Total					5314
Accumulative Expenditure					19717

As reflected above , we have spent nearly all of the funds allocated for 2022. We are all greatly, greatly appreciative for this incredible support. It would have been an even more stressful drought period without your funding!!