

## 552-35 BOREHOLE REPAIRS PHASE 3 FINAL REPORT

### Overview

Donor Name:	Fondation Eagle
Project Name:	Borehole Repairs Phase 2
Grant Size	£16,887
Grant Period:	Grant awarded 30 <sup>th</sup> Sept 2020
Reference Number	552 - 35

### Project Overview

There are 2,271 boreholes across Nkhata Bay District with a similar quantity in Nkhotakota District and around 20% of these are broken. This funding has enabled us to repair a further 100 broken and non-functioning boreholes and shallow wells in Nkhata Bay District to enable more people to have access to safe supplies of water for handwashing to help reduce the spread of the Covid-19 virus in rural northern Malawi. Ripple Africa have again been able to work in partnership with the District Council to fund these repairs and to supervise the repair programme. The District had been unable to afford the transport costs for collection of the spare parts from suppliers and for their maintenance team to be able to travel to the often remote villages where the broken boreholes were located.

In total, Fondation Eagle have now funded the repair of 300 broken boreholes and shallow wells in Nkhata Bay and Nkhotakota Districts, most of which needed new spare parts which the District Council had been unable to afford to buy. We have also received funding from another donor to repair a further 40, making a total of 340 boreholes and shallow wells repaired in Phases 1 and 2 of the project.

### Progress

All 100 boreholes and shallow wells in Phase 2 have now been repaired. A full list of these is at Annex 1.

### Project Beneficiaries

As each borehole is used by an average of 150 people, this project will have benefitted 15,000 people, some visiting them several times each day.

### Successes

We were fortunate that the experienced borehole maintenance teams employed by Nkhata Bay District Council was already in place and able to be deployed quickly to repair the boreholes, once funding was available for the costs of transport and spare parts. The District Council in Nkhata Bay funded their salaries, but this campaign was to fund the costs of transport and the necessary spare parts.

### Challenges

Some of the boreholes and wells in this phase of the project have been more difficult to repair and a few have needed more than one visit once repairs were started as initial investigations revealed more complex faults in need of further repair. Some of the wells and boreholes were located in quite remote villages and access was difficult, which increased the amount of time needed to carry out the work. Some were only accessible by boat.

However, we are happy that all the boreholes on the list at Annex 1 are now working as they should to the delight of the villagers who are now able to use them. Many are located in schools and this has meant that children are now able to wash their hands more frequently.

### Expenditure

DATE	ITEM	MK	£
09-Oct-20	Fuel for supervising borehole repairs	398,880	£417
20-Oct-20	Purchase of spare parts for servicing boreholes and wells	12,376,916	£12,933
20-Oct-20	Subsistence for District Council staff fixing boreholes	700,000	£731
21-Oct-20	Lorry hire to transport spare parts from Mzuzu	70,000	£73
22-Oct-20	Subsistence for Council staff fixing boreholes	500,000	£522
26-Oct-20	Subsistence for Council staff supervising borehole repairs	100,000	£104
26-Oct-20	Subsistence and fuel for driver while supervising boreholes	150,000	£157
28-Oct-20	Subsistence for Council staff fixing boreholes	500,000	£522
28-Oct-20	Ripple Africa subsistence and phone costs for supervision	500,000	£522
11-Nov-20	Fuel for Council staff supervising repairs	99,999	£104
12-Nov-20	Fuel for Council staff carrying out repairs	63,156	£66
22-Nov-20	Ripple Africa accommodation costs in Thoto and Usisya	30,000	£31
22-Nov-20	Ripple Africa subsistence for supervision in Thoto and Usisya	20,000	£21
22-Nov-20	Ripple Africa accommodation in Kabunduli and Nyaluwanga	30,000	£31
22-Nov-20	Boat hire while supervising boreholes in Timbiri East and Usisya	85,000	£89
22-Nov-20	Ripple Africa subsistence in Kabunduli and Nyaluwanga	15,000	£16
24-Nov-20	Travel and subsistence for Council chairperson visit to Kawalazi	20,000	£21
		<b>15,658,951</b>	<b>£16,363</b>

Exchange Rate £1: 957 Malawi Kwacha

Receipt for spare parts is at Annex 2

We are very grateful for the support of Fondation Eagle for this vital project and on behalf of all you have helped through your support, we would like to say:

**TAWONGA UKONGWA! Thank you very much!**



Pam Haigh,  
UK General Manager  
8<sup>th</sup> June 2021

Photos:



Carrying out the repairs



Water is now flowing again



## Full List of Repairs Carried Out in Phase 2

## Annex 1

NO	WARD	TRADITIONAL AUTHORITY (SENIOR CHIEF)	VILLAGE / TOWN	WELL / BOREHOLE NAME
1	Chintheche	Malanda	Kavwalazi	Chimbere
2	Chintheche	Malanda	Jongomero	Kapachi
3	Chintheche	Malanda	Mteperela	Mgodi
4	Chintheche	Malanda	Kajula	Thowolo
5	Chintheche	Malanda	Chiundasi	Msondozi
6	Chintheche	Malanda	Majikapotwe	Chipelembe
7	Chintheche	Malanda	Chenyentha	Chenyentha
8	Chintheche	Malanda	Mpalawezi	Mkundi
9	Chintheche	Malanda	Chatupa	Chatupa
10	Chintheche	Malanda	GVH Msundu	Masuku
11	Chintheche	Fukamalaza	Thuli	Thuli
12	Chintheche	Fukamalaza	Thuli	Chibowe Stage
13	Chintheche	Fukamalaza	Zayuka	Lipala
14	Chintheche	Fukamalaza	Longwe	Baptist
15	Chintheche	Fukamalaza	Mtambwa	Thekweni
16	Chintheche	Fukamalaza	Jumbo	Phethera
17	Chintheche	Fukamalaza	Nkhungulu	Chokani
18	Chintheche	Fukamalaza	Chiganga	Viwanga
19	Chintheche	Fukamalaza	Muyewa	Mtaya
20	Chintheche	Fukamalaza	Muyewa	Mtaya CBO
21	Sanga	Mankhambira	Chibaka	Banga Stage
22	Sanga	Mankhambira	Kamninga	Kalowa
23	Sanga	Mankhambira	Kamninga	Vizala School
24	Sanga	Mankhambira	Kamuninga	Kamuninga
25	Sanga	Mankhambira	Chibere	Chimuliwo
26	Sanga	Mankhambira	Chibere	Kachipapa Mngala
27	Sanga	Mankhambira	Chibere	Kandulu Sitala
28	Sanga	Mankhambira	Chibere	Khoza Chikasi
29	Sanga	Mankhambira	Chibere	Chifya Chikasi
30	Sanga	Mankhambira	Simon Makanjira	Chipuzumumba
31	Tukombo	Zilakoma	Chemberwa	Chiwana
32	Tukombo	Zilakoma	Moses	Mdyaka
33	Tukombo	Zilakoma	Henuri	Ng'ongo
34	Tukombo	Zilakoma	Chapeta	Chapeta School
35	Tukombo	Zilakoma	Chapeta	Zumbi
36	Tukombo	Zilakoma	Chimwembe	Kuwirwi
37	Tukombo	Zilakoma	Matogole	Indiya
38	Tukombo	Zilakoma	Mkwachi	Magonera
39	Tukombo	Zilakoma	Kalowa	Kalowa CDSS
40	Tukombo	Zilakoma	Mfundi	Mfundi Primary School
41	Chikwina	Nyalubanga	Kapazuka	Mthelele School

42	Chikwina	Nyalubanga	Kamadowa	Bula School
43	Chikwina	Nyalubanga	Chivuti	Chikwina Primary School
44	Chikwina	Nyalubanga	Kapote	Kapote
45	Chikwina	Nyalubanga	Jumbo	Jumbo
46	Chikwina	Nyalubanga	Jembe	Wakhalika
47	Chikwina	Nyalubanga	Katuwa	Kananaga
48	Chikwina	Nyalubanga	Liter	Mafarm
49	Chikwina	Nyalubanga	Mleka	Chisale
50	Chikwina	Nyalubanga	Bununkhu	Kaulasisi
51	Kandoli	Mkumbira	Mgolozera	Mgolozera
52	Kandoli	Mkumbira	Chapubwa	Chapubwa
53	Kandoli	Mkumbira	Singo	Singo
54	Kandoli	Mkumbira	Msani School	Msani School
55	Kandoli	Mkumbira	Kamwadi	Kamwadi
56	Kandoli	Mkumbira	Ada Chiyola	Ada Chiyola
57	Kandoli	Mkumbira	Mtetete	Mtetete
58	Kandoli	Mkumbira	Chiphazi-Chilinda	Chiphazi-Chilinda
59	Kandoli	Mkumbira	Kamoza	Kamoza
60	Kandoli	Mkumbira	Kamoza- Juto Kaunda	Kamoza- Juto Kaunda
61	Mpamba	Timbiri	Chavukuka	Kawinga
62	Mpamba	Timbiri	Mweza	Mphezi
63	Mpamba	Timbiri	Mkwaya	Chnguluwe Stage
64	Mpamba	Timbiri	Duwulani	Chizundwe
65	Mpamba	Timbiri	Nkhudya	Madikili
66	Mpamba	Timbiri	Chindi	Thanula
67	Mpamba	Timbiri	Chaola	Chioli CBO
68	Mpamba	Timbiri	Chipwayira	Mathamanda School
69	Mpamba	Timbiri	Howeki	Belewa
70	Mpamba	Timbiri	Berewa	Lwambaza Primary School
71	Mbamba	Malengamzoma	Ziyamo	Ziyamo
72	Mbamba	Malengamzoma	Chagowo	Chagowo
73	Mbamba	Malengamzoma	Willson	Willson Tidimbi
74	Mbamba	Malengamzoma	Chijere	Bandawe Primary School
75	Mbamba	Malengamzoma	Chijere	Bandawe School for the Deaf
76	Mbamba	Malengamzoma	Chiweyo	Chizuwa
77	Mbamba	Fukamapiri	Fukampiri HQs	Fukampiri HQs
78	Mbamba	Fukamapiri	Fukampiri HQs	Kande Health Centre 1
79	Mbamba	Fukamapiri	Chibunya	Booksho Matete
80	Mbamba	Fukamapiri	Mundigheghe	Kande Health Center 2
81	Boma	Mkumbira	Chinkhuti	Chinkhuti
82	Boma	Mkumbira	Chilerwana	Msani Primary School
83	Boma	Mkumbira	Kautemba	Kautemba
84	Boma	Mkumbira	Mgolozera	Mazwini
85	Boma	Mkumbira	Kasweswe	Mtetete CDSS
86	Boma	Mkumbira	Singo	Mtetete FP School

87	Boma	Mkumbira	Katema 2	Lichenga
88	Boma	Mndola STA	Mndola	Kaboko 1
89	Boma	Mkumbira	Kasweswe	Turn Off Market
90	Boma	Mkumbira	Kasweswe	Kandezu
91	Chitheka	Kabunduli	Zuza	Kamwala School
92	Chitheka	Kabunduli	Vivya	Kadeti School
93	Chitheka	Kabunduli	Msopa	Chitheka School
94	Chitheka	Kabunduli	Tembwe	Msakasa School
95	Chitheka	Kabunduli	Kanyukuta	Kauvi School
96	Chitheka	Kabunduli	Mageza	Mageza Community
97	Chitheka	Kabunduli	Mageza	Tuwanda School
98	Chitheka	Kabunduli	Lwafwa	Mbowe/Mulunguzi
99	Kavuzi	Kabunduli	Chapongolera	Susa School
100	Kavuzi	Kabunduli	Tunduma	Chendasi School

CASH SALE No. **1508**

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M/s: RIPPLE AFRICA

Date: 20-10-20

QTY	DESCRIPTION	@	K	t
300	Cup - Seal 8	500	150,000	
120	O - Rings	350	42,000	
120	Brass plugger	7,500	900,000	
310	Plastic plugger	6,500	2,015,000	
90	Brush bearings	700	63,000	
100	Furculum Pins	7,500	750,000	
200	Hanger pins	6,500	1,300,000	
150	Nylone ropes	7,000	1,050,000	
300	Sohrent cement	2,500	755,000	
120	Raising mains	8,000	960,000	
300	Hack saws	1,250	375,000	
200	Pump rods	7,510	1,502,000	
600	Red centerzare	450	270,000	
230	D/end sockets	2,750	632,615	
60	Oil	3,800	231,051	
30	Blue seal	4,000	120,000	
25	Pump cylinders	50450	1,261,250	
<b>TOTAL MK</b>			<b>12,376,916</b>	

Signature: *[Signature]*

*Thank you*