

570-55 BOREHOLE REPAIRS PHASE 3 FINAL REPORT

Overview

Donor Name: Fondation Eagle
Project Name: Support for Covid-19 - Ripple Africa Borehole Repairs Phase 3
Grant Size: £16,887
Grant Period: Grant awarded 10th December 2020
Reference Number: 570-55

Project Overview

There are 2,271 boreholes across Nkhata Bay District with a similar quantity in Nkhosakota 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. This has been welcomed by the District Authorities and by the villagers who now no longer have to walk long distances to access a clean and safe water supply to help with handwashing and infection control. 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 400 broken boreholes and shallow wells in Nkhata Bay and Nkhosakota 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 440 boreholes and shallow wells repaired in Phases 1,2 and 3 of this project.

Project Beneficiaries

100 more boreholes and shallow wells were repaired - as each is used by an average of 150 people, this will have benefitted 15,000 people, some visiting several times each day.

Successes

As before, we were fortunate that the experienced borehole maintenance team employed by the District Council were 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. The full list of all wells and boreholes repaired with this funding is at Annex 1.

Challenges

The main challenge on this occasion has been the fact that the repairs have taken place during Malawi's rainy season, and the rains this year have been particularly heavy in Nkhata Bay District. This meant that we were unable to complete all the repairs as quickly as we had hoped that we would be able to do. The

road conditions were also challenging with some roads becoming impassable due to the rains so we had to revise our programme accordingly. However, we have now been able to complete repairs on all 100 boreholes and shallow wells which the District Council identified as being located in the highest priority areas.

Expenditure

The funding was used for the purchase of the parts needed to repair the boreholes, fuel costs and a small daily food allowance for the maintenance team to undertake the repairs, and the management and supervision to ensure that the work was carried out to the correct standard. The salaries of the maintenance teams were funded by the District Councils. Receipt for spare parts is at Annex 2.

Date	Item - Description	MK	£
14-Dec-20	Purchase of spare parts for servicing boreholes	13,981,750	£13,561
14-Dec-20	Ripple Africa subsistence and phone costs for supervision	500,000	£485
14-Dec-20	Subsistence for Council staff fixing boreholes	700,000	£679
14-Dec-20	Subsistence for Council staff supervising borehole repairs	150,000	£145
14-Dec-20	Subsistence and fuel for supervising borehole repairs	100,000	£97
14-Dec-20	Fuel for Council staff servicing boreholes	631,560	£613
14-Dec-20	Subsistence for driver while supervising boreholes	100,000	£97
16-Dec-20	Car hire to transport borehole spares	40,000	£39
17-Dec-20	Subsistence for Council staff fixing boreholes	400,000	£388
05-Jan-21	Ripple Africa subsistence for supervision	74,376	£72
05-Jan-21	Fuel for Council staff supervising repairs	33,384	£32
06-Jan-21	Fuel for Council staff - shallow well repairs	123,960	£120
14-Jan-21	Fuel for Council staff - shallow well repairs	148,752	£144
20-Jan-21	Purchase of extra equipment for fixing shallow wells	480,000	£466
28-Jan-21	Subsistence for Council staff supervising well repairs	100,000	£97
	TOTAL	17,563,782	£17,036

Exchange rate MK1031 = £1

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
8th June 2021

Photos:

Repairs being carried out on shallow wells and boreholes



Water is now flowing again and is much appreciated!



NO	WARD	TRADITIONAL AUTHORITY (SENIOR CHIEF)	VILLAGE / TOWN	BOREHOLE / SHALLOW WELL NAME
1	Chintheche	Malanda	Chisumphu	Tambitambi
2	Chintheche	Malanda	Nabayoti	Chilopa
3	Chintheche	Malanda	Nabayoti	Nduna
4	Chintheche	Malanda	Nabayoti	Sisilo
5	Chintheche	Malanda	Nabayoti	Phiri
6	Chintheche	Malanda	Chalemba	Gwambala
7	Chintheche	Malanda	Chalemba	Kanyanja
8	Chintheche	Malanda	Kajula	Kajula 1
9	Chintheche	Malanda	Kajula	Chimpholwa
10	Chintheche	Malanda	Kajula	Kajula 2
11	Chintheche	Fukamalaza	Chifunda	Chifunda
12	Chintheche	Fukamalaza	Chimugonda	Chimugonda
13	Chintheche	Fukamalaza	Kawiya	Kawiya
14	Chintheche	Fukamalaza	Tambala	Tambala
15	Chintheche	Fukamalaza	Muhenikuwanthu	Muhenikuwanthu
16	Chintheche	Fukamalaza	Chiswamphaira	Chiswamphaira
17	Chintheche	Fukamalaza	Kaunda	Kaunda
18	Chintheche	Fukamalaza	Chiweta	Chiweta
19	Chintheche	Fukamalaza	Muvunda	Muvunda
20	Chintheche	Fukamalaza	Muvunda	Muvunda School
21	Sanga	Mankhambira	Juphamusewo	Juphamusewo
22	Sanga	Mankhambira	Malowa	Malowa
23	Sanga	Mankhambira	Kandulu	Kandulu
24	Sanga	Mankhambira	Juphamusewo	School/mission
25	Sanga	Mankhambira	Kamuninga	Kamuninga 2
26	Sanga	Mankhambira	Kachipapa	Chikowa
27	Sanga	Mankhambira	Chinthomba	Mdina/Chame
28	Sanga	Mankhambira	Chinthomba	Chinthomba
29	Sanga	Mankhambira	Chinthomba	Bwelamo
30	Sanga	Mankhambira	Chinthomba	Solu
31	Tukombo	Zilakoma	Chibako	Chimkondanji
32	Tukombo	Zilakoma	Chibako	Chpembebe
33	Tukombo	Zilakoma	Ndembela	Chimbavi
34	Tukombo	Zilakoma	Ndembela	Pre - School
35	Tukombo	Zilakoma	Chibunya	Chimbavi 2
36	Tukombo	Zilakoma	Ndembela	Munguyi
37	Tukombo	Zilakoma	Ndembela	Sowamu
38	Tukombo	Zilakoma	Ndembela	Ndembela
39	Tukombo	Zilakoma	Ndembela	Ntholoki
40	Tukombo	Zilakoma	Mpoto	Nyamzimu
41	Tukombo	Zilakoma	Ndembela	Chingilamo

42	Chikwina	Nyalubanga	Kalonga	Mtenje
43	Chikwina	Nyalubanga	Kalonga	Manji
44	Chikwina	Nyalubanga	Kalonga	Karonga
45	Chikwina	Nyalubanga	Kalonga	Chipazya
46	Chikwina	Nyalubanga	Kalonga	Mtenethi 1
47	Chikwina	Nyalubanga	Kalonga	Mtenethi 2
48	Chikwina	Nyalubanga	Mjututu	Thete
49	Chikwina	Nyalubanga	Mjututu	Vilemba 1
50	Chikwina	Nyalubanga	Mjututu	Vilemba 2
51	Chikwina	Nyalubanga	Mjututu	Pack
52	Chikwina	Nyalubanga	Mjututu	Msiwa
53	Mpamba	Timbiri	Kuyana	Mkwaya
54	Mpamba	Timbiri	Kuyana	Mlali School
55	Mpamba	Timbiri	Mkwaya	New Home
56	Mpamba	Timbiri	Mkwaya	Tchuwa
57	Mpamba	Timbiri	Mweza	Makowa Chivunga
58	Mpamba	Timbiri	Malepa	JK Sichali
59	Mpamba	Timbiri	Myombi	Gumbo
60	Mpamba	Timbiri	Chisindilizi	Sangwani
61	Mpamba	Timbiri	Chisindilizi	Makowe
62	Mpamba	Timbiri	Chisindilizi	Zabweka
63	Mpamba	Timbiri	Chisindilizi	Papa
64	Mpamba	Timbiri	Vwiyapo	Magomba
65	Mpamba	Timbiri	Vwiyapo	Vwitapo
66	Mpamba	Timbiri	Vwiyapo	Vwiyapo
67	Mpamba	Timbiri	Vwiyapo	Chilizwazwa
68	Mbamba	Malengamzoma	Chiundasi	Chiundasi
69	Mbamba	Malengamzoma	Nabayoti	Chilopa
70	Mbamba	Malengamzoma	Nabayoti	Nduna
71	Mbamba	Malengamzoma	Nabayoti	Sisilo Phiri
72	Mbamba	Malengamzoma	Chilemba	Gwambala
73	Mbamba	Malengamzoma	Chilemba	Kanyanja
74	Boma	Mkumbira	Chimtete	Chimtete
75	Boma	Mkumbira	Chiphazi	Zikwaenda Longwe
76	Boma	Mkumbira	Chiphazi	GVH Chiphazi
77	Boma	Mkumbira	Simon Makanjira	Samion
78	Boma	Mkumbira	Mtilirwa	VH Mtilirwa
79	Boma	Mkumbira	Matepu	Matepu
80	Boma	Mkumbira	Nthulinga	Nthulinga 1
81	Boma	Mkumbira	Nthulinga	Nthulinga 2
82	Boma	Mkumbira	Nthulinga	Nthulinga 3
83	Boma	Mkumbira	Nthulinga	Nthulinga 4
84	Chitheka	Kabunduli	Chipimbiniga	Weston
85	Chitheka	Kabunduli	Chipimbiniga	KK Kawdawibe
86	Chitheka	Kabunduli	Chipimbiniga	Ndalawezi

87	Chitheka	Kabunduli	Chamaoya	Limbewi
88	Chitheka	Kabunduli	Chamaoya	Malizani
89	Chitheka	Kabunduli	Chamaoya	Chimbavi
90	Chitheka	Kabunduli	Chamaoya	Madalisto
91	Chitheka	Kabunduli	Chamaoya	Wamba
92	Kavuzi	Kabunduli	Kachiwegna	Mphande
93	Kavuzi	Kabunduli	Chipvuaфу	Chiphwaafu
94	Kavuzi	Kabunduli	Mpuma	Mpuma
95	Kavuzi	Kabunduli	Chigoli	Chigoli
96	Kavuzi	Kabunduli	Chigoli	Mlandala
97	Kavuzi	Kabunduli	Katimbila	Kazilanthembe
98	Kavuzi	Kabunduli	Mtowa	Mtowa
99	Kavuzi	Kabunduli	Mtowa	Defweli
100	Kavuzi	Kabunduli	Mtowa	Mudifu

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M/s: RIPPLE AFRICA Date: 14/12/2020

QTY	DESCRIPTION	@	K	t
100	Foot Valves	5,300.00	530,000	00
100	Collars	2,800.00	280,000	00
100	Pluggers	2,800.00	280,000	00
100	63mm Socket Faucet	2,300.00	230,000	00
106	25mm Socket Faucet	900.00	95,400	00
95	63mm class 6 pipe	7,650.00	726,750	00
57	25mm class 26 pipe	2,200.00	125,400	00
100	Nylon Rope	9,500.00	950,000	00
105	Solvent Cement	4,200.00	441,000	00
91	Head	10,000.00	910,000	00
100	T-Handle	3,700.00	370,000	00
90	Bush	7,200.00	648,000	00
124	Center 21re	1,800.00	223,200	00
100	Reducer 3x2	3,300.00	330,000	00
100	1/8 Half x 2 Reducer	2,000.00	200,000	00
95	Spider	7,600.00	722,000	00
50	Cement 50 Kg	8,000.00	400,000	00
56	Pipe rangers 24" 18" 12" 6"	120,000	6,720,000	00
TOTAL MK			13,981,750	00

Signature: Juliet Ngoma

Thank you