

Zambia Orphans Aid UK

End of grant report to the Eagle Foundation

New borehole at Lubushi School, Zambia



Summary

In May 2021, the Eagle Foundation agreed that the underspend of £405 from the Lubushi girls boarding house project be used by Zambia Orphans Aid UK (ZOA-UK) for the new borehole project at Lubushi School.

About Lubushi School and the issue of water supply

Lubushi School is in a deprived, rural parish in Kasama District, Northern Province of Zambia, far away from the more prosperous capital Lusaka and the industrial Copperbelt. In 2019/2020 ZOA assisted its grassroots, community partner LRORS, to construct new boarding houses so vulnerable girls and boys, many of whom who live long distances from Lubushi where their nearest school is located, can attend school safely, whilst also improving sanitation with the construction of two toilet blocks. This put pressure on the school's existing water supply (a mono water pump). Previously the school only had three modern toilets for students to use, so they were using very basic latrine pits and there was limited opportunity for handwashing.

Project activities – improved water supply

Our local grassroots partner, worked with Lubushi School and local suppliers to drill a new borehole and fit a new solar powered pump and 10,000 litre poly tank at the school, enhancing the school's ability to provide a reliable, efficient and safe clean water supply to its students and teachers.



As well as benefitting the students who attend the school during the day, the new borehole is also benefitting the 64 female and 64 male students who live at the school's boarding houses during term-time, for example through hand washing, cooking and bathing. The water supply is also used to water the school vegetable garden.



There is now enough water on the site for everyone to wash their hands regularly and they are all encouraged and motivated to do so following the campaign to demonstrate hand-washing.



A female student collects water from the tap to use at the school.



A female student is able to wash their dishes after eating a meal.

Project expenditure

| Description | Budget (funded by Charles Hayward Foundation) | Actual cost | Explanation |
|--|---|---------------|--|
| Borehole siting and drilling | £1,951 | £2,652 | Dry borehole on first attempt. We had signed an agreement where the terms of a dry borehole were agreed in advance but we did have to pay slightly more for a second borehole to be drilled* – which was successful. |
| Solar pump, 10,000 litre tank, stand & fitting | £5,398 | £5,398 | |
| <i>Sub-total</i> | <i>£7,349</i> | <i>£8,050</i> | |
| ZOA-Zambia project management | £735 | £805 | |
| TOTAL: | £8,084 | £8,855 | 9% over on agreed activities. Overspend covered by Eagle Foundation £405 & ZOA-UK £366 |

*The second borehole had to be located slightly further away from the school than originally planned. This meant extra costs for water pipes and labour to connect the toilet blocks and school boarding houses were required which had not been budgeted for. ZOA partly met the cost from our unrestricted funds with the remaining £405 as a contribution from the Eagle Foundation (an underspend from the Lubushi girls boarding house project which they funded).

Thank you to the Eagle Foundation

Thank you for the contribution of £405 towards ZOA-UK's project helping our partner LRORS to install a borehole, tank and solar powered pump and provide a sustainable, effective and reliable clean water source at Lubushi School.