

LINDQUIST FAMILY PRELIMINARY REPORT

22 MAY 2024 | Wesleyan Church Site: P2612-Bubanza-Murengeza



This preliminary report to the Lindquist Family is submitted with gratitude and contains details about the Wesleyan Church Site: P2612-Bubanza-Murengeza. This project represents a significant milestone in Amazi Water's ongoing efforts to provide clean and accessible water to underserved communities toward our goal of providing border-to-border access by 2030.

PROJECT OVERVIEW AND COMMUNITY IMPACT

- Location:** The site is in the Province of Bubanza, the commune of Mpanda, on the colline of Murengeza.
- Project Name:** P2612-Bubanza-Murengeza
- Completion:** The construction is expected to be finished by 31 May 2024, and the community should start receiving water by 1 June 2024.
- Population:** The system will serve 3,050 households, totaling 18,300 people within a 1.5km (almost a mile) radius.

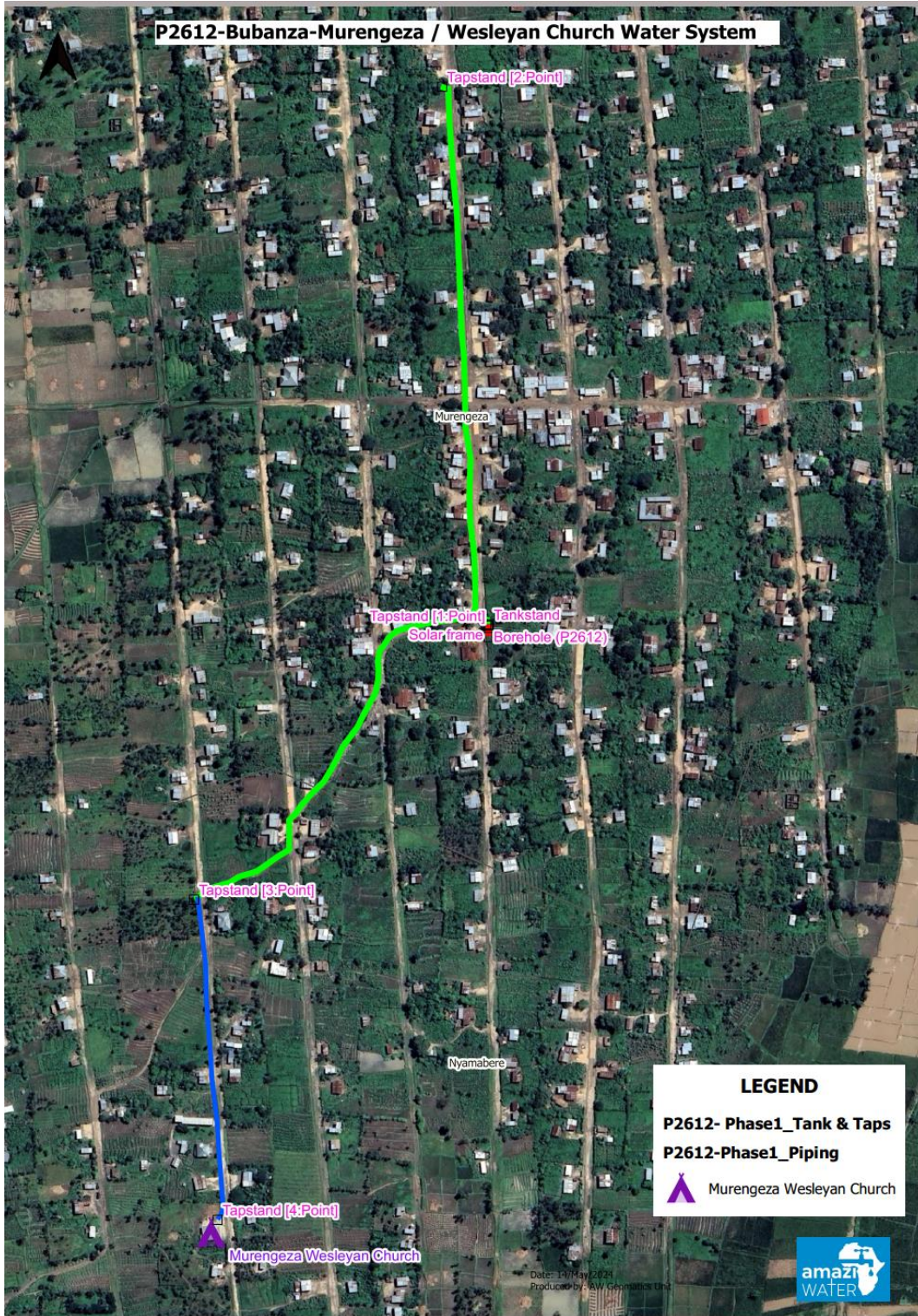
TECHNICAL SPECIFICATIONS

- Well Depth:** The drilled borehole has a depth of 70 meters.
- Yield:** The borehole has a yield of over 30 cubic meters per hour.
- Drilling and Testing:** The drilling was successfully completed on February 22, 2024, and the pump was positively tested on February 27, 2024.

PRELIMINARY SYSTEM DESIGN

The following page contains a map representing the site and the system to be built around the Wesleyan Church in that area. The preliminary design, created by our team of engineers, represents one of our big systems (System F). It includes:

1. 18 panels on Standalone Solar Support
2. 8 double tap stands (16 taps in total)
3. 2x10kl tanks on Metal Stand
4. Water supply capacity of 80,000 liters (more than 21,000 gallons) daily



We are grateful for your family's support and excited about this project's positive impact on the community. You may expect progress updates after May 31.



Shown here are a few beneficiaries of the new well.

