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Hope Flows Again: New Water Pump Restores Dignity, Health, and Learning at Adua Secondary School

Introduction:

Adua School, a secondary boarding institution serving 244 students from Malaita and nearby provinces, has encountered recurrent water shortages resulting from an unreliable and aging pump system. These challenges have adversely impacted hygiene standards across science laboratories, kitchens, and restrooms, and posed significant difficulties for female students during menstruation. Insufficient ablution facilities and inadequate kitchen sanitation compelled students to source water from distant locations or resorts to open defecation, thereby increasing health and safety risks. The Ward Committee Members formally communicated the urgent requirement for an upgraded water supply to the Provincial Government. In response, the Provincial Government installed a new pump linked to dam water sources, successfully restoring consistent water access for both students and the wider Adua community.

Project Name

Adua PSS Water Supply Project

Location

North Malaita

Coordinates

-8.4070384 160.7432515

Dates

June-October 2025

Total Beneficiaries

280 People

Direct Beneficiaries

244 Students

Invested Amount

USD \$13,082



The Problem /Challenge:

The school's aging water pump frequently malfunctions, resulting in supply shortages that adversely affect hygiene standards and impede operations in laboratories, kitchens, and restrooms. These issues are particularly challenging for female students during menstruation. Inadequate ablution and kitchen facilities occasionally compel students to obtain water from remote communities and resort to open defecation, increasing health and safety concerns.



Solution:

Installation of a new water pump to replace the outdated unit connected to the dam water source, ensuring a reliable and uninterrupted water supply for the school campus.

Project Results/Impact:

- New water pump enabled supplies of 50,000-liter water storage to the tanks.
- A total of 280 people including students and staff benefited from water availability.
- Greater access to water has raised hygiene standards for cleaning, bathing, and sanitation.
- Students' study hours increased because they no longer need to fetch water from distant places.
- Noticeable improvements in both class attendance and academic achievement.

Sustainability & Future:

- The new water pump operates with minimal maintenance costs.
- Community volunteers, coordinated by school authorities, protect the pump.
- A weekly roster ensures regular pump inspections for better upkeep.
- Utilize the Ministry of Education's annual grants to improve maintenance and promote long-term sustainability.

