

Summary of the total number of conducted activities under each SDG for the academic year 2023-2024

SMU SDG Implementation, A.Y. 2023-2024



Total Number of SDG 6 Activities: Two

Total Number of Communities Served: Two



SAINT MARY'S UNIVERSITY

BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES

INSTITUTIONAL DEVELOPMENT AND QUALITY ASSURANCE
OFFICE

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NARRATIVE REPORT

SDG: 6 (Clean Water and Sanitation)

Title of Activity: Water Tank Delivery & Installation

Date/Time: April 5, 2024

Venue: Prk. Gonggongob, Cabuluan, Villaverde, N.V

Organizers: Candido Joseph T. Rosario, Jr.

Objectives: To provide a sustainable solution to the water scarcity issue in the remote area

Beneficiaries (if any): Prk. Gonggongob, Cabuluan, Villaverde, N.V Residents

A. Highlights of the Activity:

In response to the pressing need for clean and accessible water in remote areas, our organization embarked on a mission to install a water tank in Sitio Gonggongob, Cabuluan, Villaverde.

The primary goal of this project was to provide a sustainable solution to the water scarcity issue in the remote area. By installing a water tank, we aimed to improve the quality of life for the residents, and promote hygiene and sanitation practices.

Prior to the installation, meticulous planning and coordination were crucial. Our team conducted thorough site assessments to determine the optimal location for the water tank, taking into account factors such as elevation, proximity to water sources, and accessibility for maintenance.

The installation process commenced with the transportation of materials and equipment to the site. Navigating through unpaved roads and rugged terrain tested the resilience of both our team and the vehicles involved. Despite the challenges, our dedicated workforce persevered, demonstrating unwavering commitment to the cause.

Upon reaching the site, the construction of the water tank began. As the installation progressed, community engagement played a pivotal role. Local residents actively



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participated in the project, offering invaluable insights and assistance. Their enthusiasm and cooperation fostered a sense of ownership and empowerment within the community.

B. Appendices

1. Photo Documentation



Prepared by: Engr. Candido Joseph T. Rosario Jr.

SEAIT CDA Coordinator



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NARRATIVE REPORT

SDG: 6 (Clean Water and Sanitation)

Title of Activity: Water Analysis at

Date/Time: January 27-29, 2024

Venue: Sitio Masina, Brgy. Baretbet, Bagabag, Nueva Vizcaya

Organizers: Dr. Elsa Cajucom

Objectives: To safeguard the health of the residents determining if drinking water and local recreational sources are free from harmful contaminants like bacteria, chemicals, and heavy metals.

Beneficiaries (if any): Sitio Masina, Brgy. Baretbet, Bagabag, Nueva Vizcaya

A. Highlights of the Activity:

In 2021, the Saint Mary's University (SMU) Local Government Multi-Sectoral Collaboration Development and Advocacy Center (LMCDAC) conducted a comprehensive needs assessment in Sitio Masina, a rural community in Nueva Vizcaya, Philippines. The assessment revealed that the primary source of household water in the area is derived from natural springs, rivers, or streams. However, there had been no prior water analysis conducted to ensure its safety for consumption.

In response to the findings of the needs assessment, the University Research Center (URC) of Saint Mary's University initiated a project aimed at ensuring the cleanliness and safety of the water supply in Sitio Masina. The primary objective of this project is to conduct thorough water analysis on the existing water sources to assess their physico-chemical and bacteriological quality.

The project members set out for Sitio Masina at approximately 7:30 AM on January 27, 2024, and reached their destination around 9:00 AM. They traveled mainly by van, although some chose to drive their personal vehicles. Upon arrival, the team introduced themselves to the residents, presenting the project's aims, expected outcomes, and timeline. Together with the community, they mapped out a route for conducting water analysis and commenced their trek at 11:00 AM. The expedition lasted two hours, during which they collected samples from three primary water sources to evaluate their



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physicochemical properties. The return hike to their lodging took about an hour. During this time, strategies for ensuring the purity of the water supply were further discussed. The team bid farewell to the local community at 3:00 PM and returned to the university. Two lab staff members stayed behind on campus to perform the microbial analysis component of the project.

On May 15, 2024, the research write-up will be submitted to the LMCDAC Director and URC Director.

Appendices

1. Photo Documentation



Dr. Allen Marquez (LMCDAC Director) introduced to the Sitio Masina community the team comprising of 10 members from the SMU CNS led by Mr. Jason Maslang. After which, he explained to the residents the objectives of the water assessment.

The Brgy. Kagawad also introduced the members of the community who are present during the orientation proper. He informed the SMU team the location of the three water sources.



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Water samples were obtained from the three water sources. These samples were subjected to physico-chemico and bacteriological analyses.

Prepared by: Dr. Elsa Cajucom