



CY 2025 Projects and Programs Accomplishment Report

I. INTRODUCTION

The Plaridel Water District (PLAWD) is a Government-Owned and Controlled Corporation (GOCC) regulated by the Local Water Utilities Administration (LWUA). It was created on September 26, 1986 pursuant to PD 198 as amended – ‘The Water Utilities Act and Other Related Issuances’. The PLAWD is tasked to supply potable water, manage, operate, maintain and improve the water supply system of the Municipality of Plaridel.

Since CY 2019, the PLAWD is under the intervention of the Local Water Utilities Administration (LWUA) which assume the powers of the management and implement all actions necessary for the District to operate efficiently. Under the intervention, an Interim General Manager is appointed by LWUA who is granted the full authority of the general manager of the District. The current Interim General Manager appointed by LWUA is Engr. Mario G. Macatangay. During the intervention in CY 2019, the LWUA identified several gaps which deprived residents in several barangays of the adequate supply of potable water and other essential services (e.g. septage desludging, water rationing during water interruptions, the lack of competent personnel especially at the Management level). In the same year, PLAWD availed funding from the Asian Development Bank (ADB) through the LWUA’s Water District Development Sector Project (WDSP) to improve the water supply system of Plaridel. By CY 2020, procurement of the 4 WDDSP components (project packages) were identified and approved by the LWUA, including:

- Package 1: Design and construction for the Improvement of the Plaridel Water Supply System which includes pipelaying of major transmission and distribution lines, provision of power back-up generators for existing PLAWD pump stations and the design and construction of the Rueda Ground Reservoir;
- Package 2: Construction of PLAWD administration building, warehouse and motor pool (Cancelled - It shall be replaced with the Procurement of Materials for the 10-Year CAPEX Program of PLAWD);
- Package 3: Construction of the Banga 1st Ground Reservoir with booster pump system and pump housing facilities with provision for power back-up generators; and
- Package 4: Procurement of vehicles.

PLAWD faced several challenges since CY 2020. The onset of the COVID-19 pandemic which affected all economies around the globe was felt also in the government, commercial, contractors and suppliers of goods in the Philippines. Likewise, ‘the institutional issues’ faced by LWUA in CY 2022 to CY 2023 affected the disbursements of ADB project funds to Plaridel and other recipient water districts across the country and have caused major

setbacks to PLAWD. In the latter period of the WDDSP implementation, the two (2) WDDSP contractors of PLAWD experienced financial incapacity which significantly affected the completion of major segments of the Project especially those that shall ensure effective distribution of water supply in the nineteen (19) barangays of Plaridel. There are also other major and minor challenges including the 'Right-of-Way' issues with the DPWH, design and construction considerations projects, securing government permits and clearances, have also contributed to the delayed completion of the WDDSP Projects.

As of December 2025, the WDDSP Project Package 1 which was awarded in July 2021 to M.E. Sicat Construction Corp., is still 65% completed while the WDDSP Project Package 3 which was awarded in May 2022 to C.G. Integra Corporation is 94.5% completed. Two vehicles under WDDSP Project Package 4, which also serves as PLAWD's equity to the ADB loan, was already procured by PLAWD. As a result of several failed biddings and time constraints due to the upcoming terminal date of the WDDSP on June 2025, the PLAWD Board of Directors and the Management decided to cancel the WDDSP Project Package 2 and to resort instead to the procurement of goods (pipes, fittings, and appurtenances) to be used for the 10-Year CAPEX Program of PLAWD where mostly are pipelaying projects since there is still many areas in Plaridel which are still not covered yet by the PLAWD water supply network including the lack of parallel lines at the other side of the road to minimize new water service lines from crossing roads.

After the LWUA's release of the accumulated WDDSP progress billing payments on December 2023, the PLAWD was able to continue and implement its target programs and projects for CY 2024 and 2025. Due to the pending warranty of the recently-completed Apitong and Acacia Road concreting project of the DPWH in Brgy. Bulihan, the Apitong and Acacia Pipelaying Projects of PLAWD were deferred. The budget for these 2 projects were realigned instead to the Bintog-San Jose-Culianin Dike Road Pipelaying Project to prioritize the improvement of the water supply along the Dike Road and to prepare the area for the upcoming transfer to PLAWD of the 1,288 concessionaires of the Bustos Water District residing in Brgys. Culianin and San Jose. However, the Project's public bidding failed and was downgraded into a smaller project component which is the Culianin Dike Road Pipelaying Project. The Project was completed before the deadline of the transfer of the said Culianin and San Jose water service connections to PLAWD. Pipe laying projects completed for 2025 were San Jose-Bintog Dike Pipe Laying Project; Purok Santan, Brgy San Jose Pipe Laying Project; Culianin Dike Road Section 2 Pipe Laying Project; San Jose NIA Road Pipe Laying Project; and Santan Road, Brgy San Jose Pipe Laying Project.

Under the directives of RA 9275 – The Philippine Clean Water Act of 2004, G.R. Nos. 171947-48 - The Supreme Court Mandamus for the Clean-Up and Rehabilitation of Manila Bay and other related statutory requirements, the Septage Management Program for Plaridel is being implemented through the Memorandum of Agreement (MOA) between the Plaridel Water District and the Baliwag Water District (BWD). Under the MOA, the BWD shall desludge, transport and treat septage collected from the concessionaires' septic tank in Plaridel in behalf of PLAWD. The Program has been ongoing since September 2023 and has served 1,916 households in 4 barangays of Plaridel, namely, Brgys. Culianin, San Jose,

Bintog and Bulihan which collected a total of 3,025 cum. of sludge collected. In CY 2025 alone, a total of 1,320 cum. of sludge have been collected, treated and disposed which promoted the health, well-being and sanitary conditions of the served households. The Program also aims to prevent uncollected septage from seeping into aquifers, considering that more than 71.29% of the water source of Plaridel comes from the 8 deep wells of PLAWD, distributed from 7 different barangays. The MOA between LWUA and PLAWD to allocate the Php 84.97-M grant for the design and construction of the Plaridel Septage Treatment Plant (SpTP) was approved and signed. The LWUA have undertaken the procurement process for the Plaridel SpTP including the other recipient water districts, namely, Norzagaray WD, San Miguel WD, Dinalupihan WD and Cabuyao WD. PLAWD procured a 2000-square meter lot in Brgy. Agnaya last December 2024 as the new site of the proposed Plaridel SpTP. Project awarded by LWUA to 21st Construction Corp. last Jan 2025. Detailed Engineering Design (DED) review by LWUA is still ongoing. Construction of the Plaridel SpTP is expected to commence on CY 2026.

The cost for repairs of damaged pipelines and the transfer/relocation of transmission distribution pipes (Tabang-Looban Bridge Pipe Relocation Project) and individual water service connections significantly increased due to the intensified government infrastructure projects undertaken in Plaridel. Said costs should have been shouldered by these road and drainage contractors instead of being disadvantageous and a burden to PLAWD and other affected water districts.

PLAWD complied all the mandatory bacteriological, physical and chemical quality testing as mandated under the Philippine National Standards for Drinking Water. The water quality issues in the Culianin Pump Station, as the reason of its long shutdown in CY 2022, has been resolved through the use of a more potent disinfectant (Chlorine Dioxide) and dilution with the bulk water from the BBSWP-IP1. Though the supply of IP1 decreased, the additional supply from the Culianin Pump Station, the transferred Bustos Water District pipelines in Brgys, Culianin and San Jose and the newly-completed Culianin Dike Road Pipelaying Project has augmented and increased the water supply in the Culianin and San Jose area, especially those along the Bintog-San Jose-Culianin Dike Road.

The Program for the replacement of old, defective and damaged water meters including the standardization of pipes and fittings for existing water meter assemblies, from the ½” dia. to the ¾” size of service connection continues. Likewise, the repair and maintenance of the main water distribution pipelines, reconditioning and preventive maintenance of submersible pumps, motors and facilities of PLAWD pump stations, were diligently implemented by PLAWD in CY 2025.

II. ADB-LWUA PROJECTS

The Plaridel Water District (PLAWD) is one of the beneficiaries of the Local Water Utilities Administration – Asian Development Bank – Water District Development Sector Project (LWUA-ADB-WDDSP) which aims to improve the water service delivery to its concessionaires. The Project is composed of the following components:

No.	Description of Program / Project	Approved Project Cost	Status
1	<p>Package 1: Design and Construction of Plaridel Water Supply System</p> <ul style="list-style-type: none"> • Pipe-laying of additional larger-sized transmission and distribution lines of forty (40) kilometers length of pipes ranging from 75mm to 500mm diameter pipes • Additional back-up power supply system (generator sets) shall be provided in three (3) existing PLAWD pump stations to ensure continuous power supply even during power breakdowns. 	Php 220-M	65% completed (as of Dec. 31, 2025)
2	<p>Package 2: Design and Construction of New PLAWD Administration Building</p> <ul style="list-style-type: none"> • Design and construction of the new two-storey Plaridel Water District (PLAWD) Administration Building with basement, warehouse and parking area to be located in Brgy. Bintog, Plaridel. (Note: Replaced by procurement of materials for the 10-Year CAPEX Program of PLAWD). 	Php 60.5-M	Cancelled
3	<p>Package 3: Design and Build of Banga 1st Storage Facility (Water Reservoir) with Booster Pump Station</p> <ul style="list-style-type: none"> • Construction of ground reservoir (Glass-Fused-to-Steel Bolted) with a capacity of 1,500 cu.m. expandable to 2,000 cu.m. to buffer peak demand • Installation of 30 Hp vertical multistage centrifugal pump and motor with variable frequency drive (VFD) motor control, discharge piping assembly, column pipes and other electrical works. • Installation of 60 kVA generator set, 230 VAC, diesel engine drive, silent type, complete with breaker type manual transfer switch, cables and earthing materials. • Installation of 15 kVA distribution transformer with protective devices and metering facilities. • Installation of power line extension. • Construction of 20 sqm. climate-proof pump house. • Construction of perimeter/security fence. 	Php 23.67-M	94.5% completed
4	<p>Package 4: Procurement of Service Vehicles</p> <ul style="list-style-type: none"> • PLAWD request for the purchase of two (2) service vehicles: One (1) commuter van and one (1) utility light truck was approved by the DBM. 	Php 1,720,000 + Php 540,000 Php 2,260,000	Purchase completed in 2023.

III. SUMMARY of ACCOMPLISHMENT for the CY 2025 PROJECTS AND PROGRAMS of PLAWD

The following are the completed projects and programs funded by the PLAWD's internal revenues:

No.	Description of Project / Program	Approved Project Cost	Date Completed
1	<p>Lagundi Interconnection Project</p> <p>Installation of gate valves and various fittings for the interconnection points:</p> <ul style="list-style-type: none"> • Interconnection Point 1 – Near Iglesia Ni Cristo • Interconnection Point 2 – Near Macro • Interconnection Point 3 – Near Lagundi Elementary School 	Pipe Fittings (c/o ME Sicat)	Feb. 25, 2025
2	<p>Renovation of Tabang Pump Station</p> <ul style="list-style-type: none"> • The purpose of the project is to renovate Tabang Pump Station including the stockroom. 	Php 500,000.00	May 06, 2025
3	<p>San Jose-Bintog Dike Pipe Laying Project</p> <ul style="list-style-type: none"> • Pipe-laying with a total of 811 linear meters of 100mm (4") dia. PVC pipe; and • Installation of gate valves and various fittings for the interconnection points. 	Php 824,240.34	May 19, 2025
4	<p>Purok Santan, Brgy San Jose Pipe Laying Project</p> <ul style="list-style-type: none"> • Pipe-laying with a total of 305 linear meters of 75mm (3") dia. PVC pipe; and • Installation of gate valves and various fittings for the interconnection points 	Php 156,552.81	June 21, 2025
5	<p>Culianin Dike Road Section 2 Pipe Laying Project</p> <ul style="list-style-type: none"> • Pipe-laying with a total of 620 linear meters of 75mm (3") dia. PVC pipe; and • Installation of gate valves and various fittings for the interconnection points 	Php 474,657.00	July 03, 2025
6	<p>Preventive Maintenance of Pump Stations</p> <ul style="list-style-type: none"> • Reconditioning of Plaridel Heights Pump Station (including procurement of submersible pump and motor) 	Php150,000.00 (Pump & motor 500,000.00)	Aug. 14, 2025
7	<p>Installation of Tent in front of PLAWD Office</p> <ul style="list-style-type: none"> • The purpose of the program is to provide tent for the PLAWD customers. 	Php 25,000.00	Sept. 02, 2025
8	<p>San Jose NIA Road Pipe Laying Project</p> <ul style="list-style-type: none"> • Pipe-laying with a total of 431 linear meters of 100mm (4") dia. PVC pipe; and • Installation of gate valves and various fittings for the interconnection points 	Php 498,366.00	Sept. 15, 2025

9	Bloodletting Drive Program <ul style="list-style-type: none"> The purpose of the program is to provide sufficient supply of safe blood to be used in blood transfusions by the blood bank. Five (5) sessions of bloodletting drive from January to December 2025 for five (5) barangays, namely: Poblacion, Lumangbayan, Bintog, Sipat and Banga 2nd. 	Php 300,000.00	Jan. – Dec. 2025
10	Santan Road, Brgy San Jose Pipe Laying Project <ul style="list-style-type: none"> Pipe-laying with a total of 486 linear meters of 100mm (4") dia. PVC pipe; and Installation of gate valves and various fittings for the interconnection points 	Php 348,096.68	Jan. 07, 2026
11	Preventive Maintenance of Pump Stations <ul style="list-style-type: none"> Reconditioning of Sitio Santiago Pump Station (including procurement of submersible pump and motor) 	Php150,000.00 (Pump & motor 500,000.00)	Jan. 2026
12	Installation of Fire Hydrants <ul style="list-style-type: none"> The purpose of the project is to install five (5) units of 4" dia. fire hydrants for barangays San Jose, Parulan, Sipat, Lagundi and Bagong Silang of Plaridel municipality. 	Php 750,000.00	Jan. 2026

IV. OTHER ACTIVITIES, PROGRAMS and PROJECTS

No.	Description of Program / Project
1	Conduct of regular sampling, testing and analysis of the bacteriological, physical, and chemical properties of product water in all PLAWD pump stations and consumer taps in the PLAWD water supply network in compliance with the Philippine National Standards for Drinking Water (PNSDW).
2	Regular flushing of the water distribution lines to remove water discoloration and sediments which accumulated in the distribution lines.
3	Implement the Fire Hydrant Maintenance Program to ensure all fire hydrants in Plaridel are visible, maintained regularly, and working in good conditions at all times when needed.
4	Undertake the program for the removal of individual long PE tubing ('spaghetti-connections') which are unaesthetic and pose risks for contamination of the water system.
5	Undertake the program for calibration and replacement of old and defective water meters to ensure accurate records are obtained.
6	Process applications and undertake the installation of individual water service connections of new concessionaires of PLAWD.
7	Undertake the program to standardize and equip old water meter assemblies with backflow prevention (check valve) to ensure contamination of the Plaridel water supply system is prevented.

8	Undertake regular maintenance works and prompt repair of damaged individual service connections and main water distribution pipelines.
9	Undertake the program for rehabilitation, repainting and maintenance of PLAWD bridge-pipes in Plaridel.
10	Procurement of essential goods and services needed for the operation and maintenance of the PLAWD water supply system.
11	Undertake the necessary requirements for the application of the proposed septage fee of Php 3.00 per cubic meter of water consumption of PLAWD concessionaires for review and approval of LWUA.
12	Implement the Septage Management Program (desludging and treatment services) in coordination with the Baliwag Water District; and undertake the necessary preparations for the upcoming Php 84.97-M grant from the LWUA for the Design and Construction of the Plaridel Septage Treatment Facility. Project awarded to 21st Construction Corp. last Jan 2025. DED review by LWUA is still ongoing.
13	Regularly coordinates with the Luzon Clean Water Development Corporation (LCWDC) – for the bulk water supply’s contracted volume supplied to PLAWD through its Interconnection Points 1 and 2.
14	Regular monitoring of pressure and testing of residual chlorine in strategic areas in the PLAWD water supply network.
15	Preventive Maintenance Program for 8 PLAWD Pump Stations (pull-out, replacement and reconditioning of the submersible motor and pump).
16	Provision of 2,000-Liter Water Tanker for water rationing during water interruption.

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