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USAID PHILIPPINES SAFE WATER

Achieving a water-secure future for the
country's most water-stressed communities



USAID PHILIPPINES SAFE WATER

Consultation for Year 3 Work Plan

Focused Group Discussion

Palawan, September 21

— Objectives and Presentation Outline

01

OBJECTIVES
OF THE
SESSION

02

PRESENTATION
OUTLINE

- Project Background
- Accomplishments in Year 1 and 2
- Year 3 Work Plan

03

FGD
SESSION



02

A. PROJECT BACKGROUND



USAID Safe Water Background

USAID's flagship project for the water sector (\$16M, 2019-2024)

Scope: WSS expansion and improvement, water resource management and strengthening of governance in the sector

Focus areas: Negros Occidental, Palawan and Sarangani Province and General Santos City

Primarily a technical assistance program

- Project development
- Capacity building
- Policy and utility reform



USAID Safe Water Results Framework



Goal: Improve water security for water-stressed communities in the Philippines

Objective 1: Increase access to resilient water supply and sanitation services

Safe and resilient water supply and sanitation services improved

Financing for safe and resilient water supply and sanitation mobilized

Increased planning coordination among local, regional, and watershed stakeholders

Objective 2: Improve sustainable management of water resources

Improved management of critical watersheds or water resources

Increased adoption of measures to better manage, conserve and use water

Objective 3: Strengthen water sector governance

Transparent, accountable, and effective governance of the water and sanitation sectors promoted

Knowledge on water security developed and/or shared

02

B. MAJOR ACCOMPLISHMENTS



Objective I: Increase access to resilient water supply and sanitation services

Financial Stress Test Model applied to WSPs to analyze effect of COVID-19

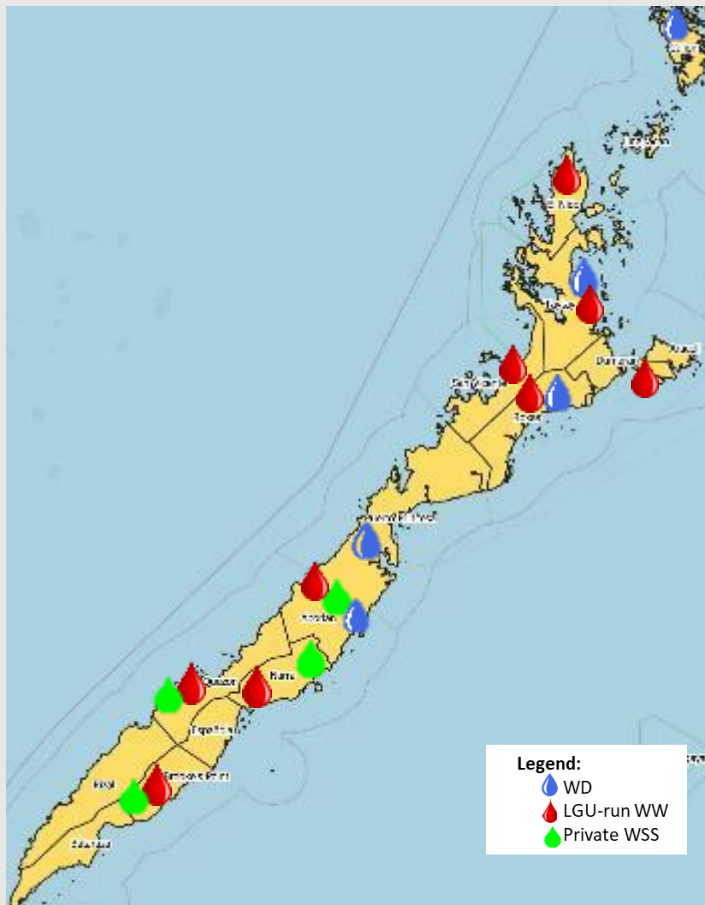
- Culion WD
- Taytay WD

Assessment of technical and documentary requirements to mobilize WSS investments

- 3 DILG Salintubig Projects
- Local budgets for WSS and WRM
- LWUA financing
- GFI financing
- Working with Water.org on micro-financing of HH water connection and sanitation facilities

Design enhancement for Water Treatment Facility

- All LGU-run WWs



Completed draft TOR for PPCWD on FS of Montible dam

- PPCWD

Strategic Business Plan

- El Nido WW
- San Vicente WW
- Quezon WW
- Taytay WD

NRW reduction program awareness and introduction

- Narra WW, San Vicente WW, BPRWSAI

Orientation on Central Management System (CMS)

- Municipality of El Nido

Training on O&M for water supply facilities (Sept. 27-29)

- 6 WSPs

Objective 2: Improved sustainable management of water resources

Palawan Flora, Fauna and Watershed Reserve (PFFWR) (8,000 ha) and Irawan Watershed (3,400 ha)

- Updated land cover map (2020)
- Assessed sustainable livelihood options
- Conducted orientation and training on Integrated Watershed Management Planning for PFFWR Management Committee & TWG
- Assisted in organization strengthening for livelihood enterprise development of POs & cooperatives in PFFWR
- Training on PES data collection
- Hands-on training on Lawin Forest and Biodiversity Protection System

Narra Watershed Network (10 watersheds; 73,500 ha)

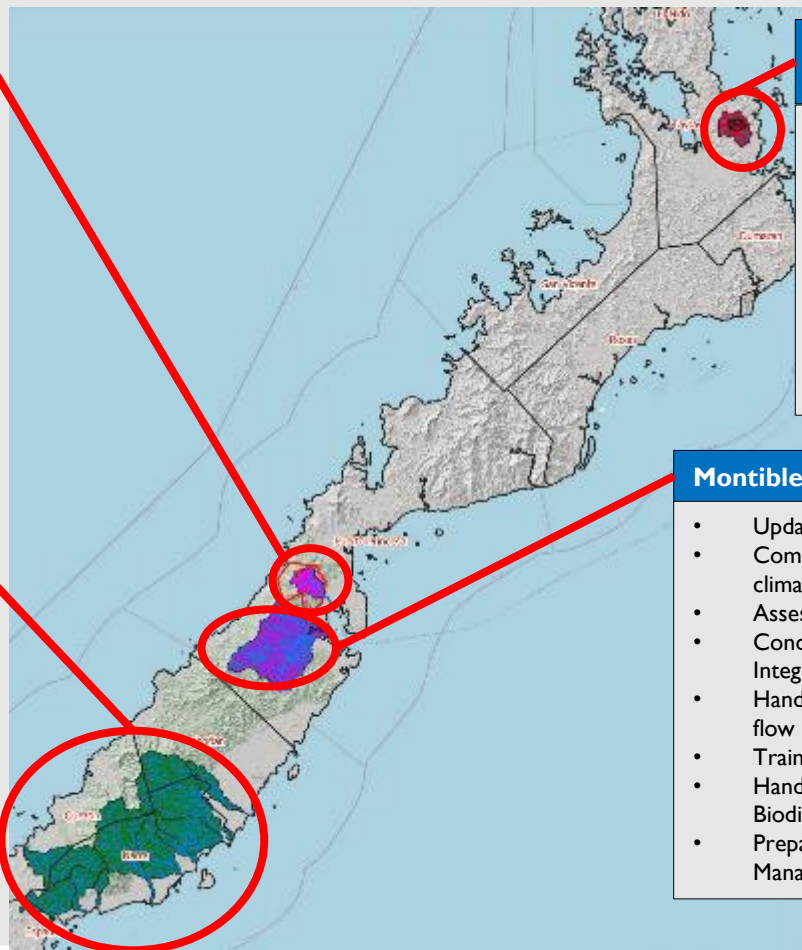
- Assisted in reorganizing TWG of Narra Watershed Regulatory and Evaluation Committee
- Assisted in organization strengthening for livelihood enterprise development of POs
- Training on Gender-Inclusive Strategic Planning for POs
- Preparation of Narra Integrated Watershed Management Plan

Lake Manguao (Taytay) (4,100 ha)

- Assessed sustainable livelihood options
- Assisted in reorganizing TWG of Lake Manguao Municipal Conservation Area and Ecotourism Zone
- Assisted in organization strengthening for livelihood enterprise development of cooperatives

Montible Watershed (23,300 ha)

- Updated land cover map (2020)
- Completed hydrologic study using downscaled climate data from Manila Observatory
- Assessed sustainable livelihood options
- Conducted orientation and training on Integrated Watershed Management Planning
- Hands-on training on water quality and water flow measurement
- Training on PES data collection
- Hands-on training on Lawin Forest and Biodiversity Protection System
- Preparation of Montible Integrated Watershed Management Plan



Building alliances for water security knowledge

Partnerships



Water Demand Management



Basic (Level 1) Training: 2 runs

- WSPs
- Academe
- Government agencies
- Private sector

Philippine Water Challenge



www.pdf.org/philippinewaterchallenge

Accomplishments in Year 1 and 2 to PWSSMP and URAF Implementation

PWSSMP Key Reform Agenda

KRA 1. Establishing effective WSS sector institutions

KRA 2. Strengthening regulatory environment (economic & resource regulation & water resources management)

KRA 3. Creating ensuring effective & sustainable WSS services & WSPs

KRA 4. Balancing water supply & demand managing

KRA 5. Building climate resiliency

KRA 6. Enabling access to funding & financing

KRA 7. Managing data & information

KRA 8. Driving Research & Development



SW Interventions

- Preparation of policy & technical inputs for the review & deliberations of the DWR & WRC bill
- Technical secretariat support to regular stakeholder forum
- TA in enhancing economic & resource regulatory guidelines
- Technical support to the Water Convergence Program
- Facilitation between LWUA & DBP on co-financing collaboration
- Knowledge development (tools and guidebooks)

Accomplishments in Year 1 and 2

Mobilization of Financing

SW Interventions

- Identified available financing sources, & matched pipeline investments (e.g. PGP pipeline, LWUA pipeline, NEDA assisted studies, LGU AIPs) and facilitated access
- Coordinated with Development Partners (WB, ADB, KOICA) to complement initiatives
- Collaborated with Water.org and its MFI WSP Partners to scale efforts to finance household access to improved WSS services
- innovative financing PES replication in Irawan, Montible and Quezon watersheds



By Fund Source (As of Aug 2021)	Amount (P Million)	% of Total
1. NG Grants		
DPWH	94.3	20
LGSF (Salintubig, FALGU, SBDP-ELCAC, GEF)	41.4	9
Special Funds (NSSMP, PSF, GCF)		
2. Commercial Funds (DBP, LBP)	176	38
3. Collaboration with Water.org & MFIs	125	27
4. Innovative Financing (OBA-BF)	2.3	0.4
5. LGU budgets	29.7	6
TOTAL	468.6	100

By Area	Amount (P Million)	% of Total
National	127.3	27
Palawan	11.4	2
Negros Occidental	280.9	60
Sarangani	49.0	10
TOTAL	468.6	100

02

C.YEAR 3 WORK PLAN HIGHLIGHTS



— Objective I

Increased access to resilient water supply and sanitation services



WSS Challenges and Opportunities



Low service
area coverage



Competing
service areas



Increasing
population



Weak technical
capability



Weak data
management



Effect of the
ongoing pandemic



Technical assistance
limitations

Proposed WSS Year 3 Activities



I. BASELINE SURVEY AND ASSESSMENT OF WSPs

- Conduct baseline survey for the rest of the LGUs in the province
- Assess capacity of WSPs using the project WSP Assessment Tool
- Gather available plans, studies, as-built drawings to analyze the water systems

Proposed WSS Year 3 Activities

2. TECHNICAL ASSISTANCE ON PROJECT DEVELOPMENT

- Hydraulic analysis of PPCWD system to assess capacity to accommodate additional big water source at Montible and preparation of Program of Work (POW) if necessary
- Monitoring of implementation of Water Safety Plan of PPCWD (follow-on activity to SURGE)
- Updating of previously prepared POWs for unserved areas in Puerto Princesa City which are mostly inaccessible, and help identify and confirm water sources



Proposed WSS Year 3 Activities



2. TECHNICAL ASSISTANCE ON PROJECT DEVELOPMENT

- Hydrologic study for Lake Manguao as sustainable water source for Taytay
- Rapid feasibility study of source development to augment existing water source of El Nido Waterworks
- Preparation of POWs for source development and service area expansion of Narra WSS and Dumarán Waterworks Unit
- Assistance in marketing strategy to increase service connections in Aborlan, El Nido, Taytay, San Vicente and Narra LGU-run water systems and Roxas WD

Proposed WSS Year 3 Activities

3. CAPACITY BUILDING TRAINING

- O&M training especially for newly formed WSPs
- Construction supervision
- NRW reduction
- Water safety planning
- Emergency response planning
- Tariff setting for sustainable operations
- Ring-fencing of LGU-run WSPs
- Automation of billing and collection system
- Marketing skills training for PGP Water Infra (with Water.org)
- Strategic business planning for new batch of WSPs
- Promote use of Financial Stress Test
- Septage management program



Proposed WSS Year 3 Activities



4. PILOT IMPLEMENTATION OF CENTRAL MANAGEMENT SYSTEM (CMS)

- Secure the municipal government's commitment
- Ring-fence water supply account
- Prepare the Municipal Water Enterprise (MWE)'s Business Plan
- Secure the Sangguniang Bayan's approval
- Facilitate approval of the MWE's creation
- Set up performance contracting with barangay service providers

5. COLLABORATION WITH WATER.ORG

- Facilitate MFI loans for water connections/household water supply improvements and improved household sanitation facilities

Proposed WSS Year 3 Activities

6. PREPARE THE PROVINCIAL WATER SECURITY PLAN

- Assist in the creation/formation of the Provincial Integrated Water Security Team who will lead and facilitate the preparation of the water security plan
- Assist in the organization of data and provide guidance in the analysis and writing of the water security plan
- Provide guidance in the conduct of water summits/fora



Support Needed from Partners (Objective 1)

Proposed WSS Year 3 Activities	Support Needed
1. WSP Assessment	<ul style="list-style-type: none">• Devote time in accomplishing the WSP Assessment Tool• Provide all available data and information, studies, as-built drawings, records
2. Project Development	<ul style="list-style-type: none">• Validate need for proposed TAs and ascertain funding• Carry out part of the task (e.g. market survey, initial identification of sources, water sampling, flow measurements, etc.)• Commit to implement/complete within Safe Water's duration (up to 2024)
3. Capacity Building	<ul style="list-style-type: none">• Validate need for the proposed training programs• Assign appropriate staff to be trained• Commit to apply the acquired knowledge in improving WSS services

Support Needed from Partners (Objective 1)

Proposed WSS Year 3 Activities	Support Needed
4. CMS Pilot Implementation	<ul style="list-style-type: none">• Commit to establishing the Municipal Water Enterprise (MWE)• Provide all available data, asset inventory, as-built drawings• Assign qualified staff in ring-fencing the WSS accounts and for completing the MWE business plan• Support in consultations, and needed policy issuances
5. Strategic Business Planning	<ul style="list-style-type: none">• Assign technical and financial staff in completing the business plan• Strive to complete the business plan up to the written document• Commit to fund and implement the priority improvement programs in the business plan

Support Needed from Partners (Objective I)

Proposed WSS Year 3 Activities	Support Needed
6. Demand Generation	<ul style="list-style-type: none">• Assign WSP counterparts in this demand generation campaign• Involve barangay leaders in information dissemination
7. Provincial Water Security Plan	<ul style="list-style-type: none">• Gather and validate data with stakeholders through consultations;• Provide data (water-borne diseases, disasters, activities in watersheds, water sources, etc) from records and reports of LGUs;• Engagement of the PIWST during workshops and writeshops• Facilitate conduct of water summits/fora

— Objective 2

Improved sustainable management of water resources



WRM Challenges and Opportunities



Declining water resources



Watershed degradation



Increasing population



Expanding economic activities



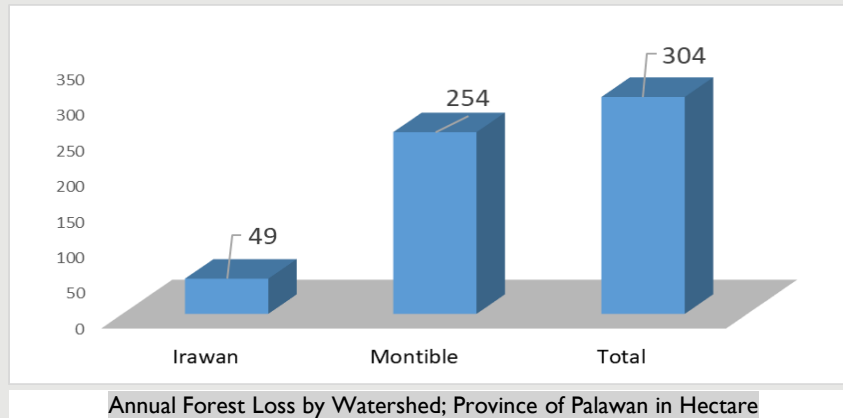
Low investment in WRM



Mandanas ruling implementation



Increased awareness of the state of water resources



PER CAPITA WATER AVAILABILITY (cum/yr)		
Year	PALAWAN	Puerto Princesa
2015	2,386	1,679
2020	2,093	1,435
2030	1,761	1,048
2040	1,224	766
2050	929	560

Proposed WRM Year 3 Activities



1. WATERSHED MANAGEMENT PLANNING – (IRAWAN, LAKE MANGUAO, ABORLAN, ITANGIL AND BUAYAN WATERSHEDS)

- Hydrologic study in all identified watersheds within Palawan.
- Capacity building on hydrologic study for DENR, LGU, and academe

2. ORGANIZATION AND STRENGTHENING OF WATERSHED MANAGEMENT COUNCILS

3. PARTNERSHIP BUILDING TO MOBILIZE INVESTMENT IN WRM

Proposed WSS Year 3 Activities

3. IMPLEMENTATION OF COMMUNITY LIVELIHOOD AND WATERSHED PROTECTION AND REHABILITATION ACTIVITIES INCLUDING ESTABLISHMENT OF WATER MONITORING STATIONS AND TEAMS

4. SCALE UP PES MECHANISM

5. ADVOCACY ON WDM

6. CAPACITY BUILDING FOR CLIMATE RISK ASSESSMENT AND ADAPTATION PLANNING



Support Needed from Partners (Objective 2)

Proposed WSS Year 3 Activities	Support Needed
1. Watershed Management Planning	<ul style="list-style-type: none">• Designate reps to the planning team and commitment to participate in workshops and field validation
2. Organization/ strengthening of WMCs	<ul style="list-style-type: none">• Facilitate signing of E.O. /MOA creating WMC• Participate in capacity enhancement training• Allocate funds for operation of WMC
3. Partnership building	<ul style="list-style-type: none">• Proposal writing• Assistance in negotiations with potential partners• Formulation of LGU watershed conservation & restoration plan

Support Needed from Partners (Objective 2)

Proposed WSS Year 3 Activities	Support Needed
4. Implementation of community livelihood and WRM activities including establishment of water monitoring stations and teams	<ul style="list-style-type: none"> • Incorporate WRM and livelihood activities in AIP of LGUs • DENR resource persons on LAWIN, nursery & plantation dev't training • DENR deputation of community protection teams • Inclusion of SW sites in E NGP • Facilitate creation of barangay monitoring teams • Financial assistance to water monitoring teams
5. Advocacy on WDM	<ul style="list-style-type: none"> • Identify local partners on WDM and facilitate WDM advocacy • Participation during WDM training and site visits
6. Climate risk assessment and adaptation planning	<ul style="list-style-type: none"> • Facilitate vulnerability assessment activities • Participate in risk assessment and adaptation planning workshops

— Objective 3

Strengthened water sector governance



Water Sector Governance Challenges and Opportunities



Decreasing/ limited
NG budget support



Limited LWUA
funding



Other available
funding sources

Financing Strategies that LGUs can undertake:

- Allocate bigger budgets for WSS and WRM PPAs with the implementation of the Mandanas ruling

	Baseline 2019	2020	2021	Ave 2019-2021
PGP				
% WSS	2.4	2.0	3.1	2.5
% WRM	1.7	2.0	1.7	1.8
Y1-Y2 MLGUs I/				
% WSS	5.9	8.7	2.8	5.8
% WRM	0.1	0.3	0.1	0.2
PPC				
% WSS	0.1	0.1	0.2	0.1
% WRM	0.5	0.1	0.1	0.2
I/ Aborlan, Narra, El Nido, San Vicente, Roxas, Quezon, Brooke's Pt., Taytay, Duamaran, Coron, Busuanga				

- Access funds from NG grants (DPWH, FALGU, ELCAC, GEF) & special programs (PSF, NSSMP, GCF)
- Explore development financing from GFIs
- Collaborate with Water.org and MFIs to scale efforts to finance household access to water and sanitation
- Implement innovative financing schemes (PES and OBA-BF)

Support Needed from Partners (Objective 3)

Proposed WSS Year 3 Activities	Support Needed
I. Mobilizing Financing for WSS & WRM	
a) Assist in development of project pipeline thru TA, cap dev and project development assistance	<ul style="list-style-type: none"> • Include WSS and WRM investments in the PIWSP, WMPs, LDIPs and AIPs, and updating of PDPFP & CDPs
b) Identify potential financing sources and match pipeline investment projects	<ul style="list-style-type: none"> • Allocate for WSS & WRM investments in annual budgets and include in proposals for supplementary budgets
c) Assist in tapping NG grants & special programs, commercial funding, and leveraging private investments	<ul style="list-style-type: none"> • Provide needed policy issuances and support preparation of project proposals and other documentary requirements
d) Strengthen collaboration among LGUs, Water.org and MFIs to increase access of HHs to WSS	<ul style="list-style-type: none"> • Involve MFIs in LGU WASH programs; increase demand creation; implement OBA-BF
e) Pilot implementation of PES replication and scale up	<ul style="list-style-type: none"> • Data collection for CBV and CRA • Facilitate PES negotiation and issuance of PES ordinance

Support Needed from Partners (Objective 3)

Proposed WSS Year 3 Activities	Support Needed
2. Improving Governance of LGU-run Utilities	
a) Capacity building of the Regional Watsan Hubs and mentoring of LGU teams	<ul style="list-style-type: none">• Designate focal team and participate in trainings and mentoring activities; provide required data; support in consultations, and needed policy issuances
b) Strengthening water resource regulation	<ul style="list-style-type: none">• Implement NWRB-LGU MOU collaboration in water resource monitoring

— Cross-cutting



Support Needed from Partners

(Gender Equality and Women's Empowerment)

Proposed WSS Year 3 Activities	Support Needed
1. GADFPS Strengthening for WSPs and WDs	<ul style="list-style-type: none"> • Collaborative response to the gender assessment results on GADFPS status of WSPs and WDs • Integrate GEWE issues/ concerns into WSS and WRM projects
2. Professional and Leadership Opportunities for Women	<ul style="list-style-type: none"> • Identification and profiling of gender champions • Collaborative work on implementing advocacy campaigns and documentation of stories on women's leadership • Participation and policy support to HRM strategies to strengthen women's leadership
3. Capacity Development and Improved Socialization	

Support Needed from Partners (Communications and Outreach)

Proposed WSS Year 3 Activities	Support Needed
1. Building shared understanding	<ul style="list-style-type: none">• Dissemination of SW communication materials• Identification of potential success stories of collaborative work
2. Implementing awareness campaigns	<ul style="list-style-type: none">• Collaborative work on implementing advocacy campaigns• Laymanization of knowledge products for local use
3. Generating interest for WSS and WRM	<ul style="list-style-type: none">• Collaborative work on organizing events with water security as overarching theme• Dissemination of SW communication materials

03

FOCUS GROUP DISCUSSION



Focused Group Discussion

- What are the critical inputs, actions and commitments from the LGUs, WSPs and other stakeholders related to drivers of development?
 - Water Security Plan
 - WSS and WRM Investments
 - Policy and Institutional Reforms
 - Utility Reform and Capacity Building
 - Cross-cutting: GEWE and Communication & Outreach

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