



Republic of the Philippines
Department of Environment and Natural Resources
FOREST MANAGEMENT BUREAU

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MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 L & S Bldg., Roxas Boulevard, Ermita, Manila

FROM : The Assistant Secretary for Policy, Planning, and Foreign Assisted and
Special Projects, and Director in concurrent capacity

SUBJECT : **PROGRESS REPORT ON WATERSHED MANAGEMENT AND
WATERSHED INSTRUMENTATION WITHIN DENR MIMAROPA
REGION**

DATE : **AUG 26 2021**

This pertains to your Memorandum dated 12 July 2021 on the progress report of the following: a) watershed management of the Pagbahan Watershed, Cavillan Watershed, Aborlan Watershed and Bongabong Watershed; and b) accomplishment of the watershed instrumentation of your Region for the 2nd quarter CY 2021.

Based from your report, we took note that soil sampling for six (6) sites and water sampling for eight (8) sites were conducted in the municipalities of Socorro, Pinamalayan, and Pola within Pula River Watershed in Oriental Mindoro last June 3-4, 2021.

In this regard, kindly consolidate and submit a copy of the result of the soil and water sampling to this Office, once available. This is for our baseline information and creation of database for the monitoring of Pula River Watershed in your Region.

FOR YOUR APPROPRIATE ACTION, PLEASE.

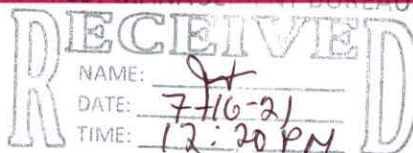

MARCIAL C. AMARO, JR., CESO III

Copy Furnished:

The Undersecretary for Field Operations and Environment



FOREST MANAGEMENT BUREAU



JUL 12 2021

MEMORANDUM

FOR : Assistant Secretary for Policy, Planning, and Foreign-Assisted and Special Projects, and FMB Director, in concurrent capacity

FROM : The Regional Executive Director

SUBJECT : **PROGRESS REPORT ON WATERSHED MANAGEMENT AND WATERSHED INSTRUMENTATION WITHIN DENR MIMAROPA REGION**

This pertains to the our target on 003: *Adaptive Capacities of Human Communities and Natural Systems Improved, A. Environment and Natural Resources Resiliency Program, A.1. Natural Resources Assessment, 1. Watershed Management and Soil Conservation and Watershed Management Including River Basin and Management and Development, 1. Watershed Management and RBCO* under the approved Work and Financial Plan (WFP) CY 2021. Relative thereto, hereunder are the summary of status and updates of the said activities:

Table 1. Summary report of accomplishments for the **Watershed Characterization and Vulnerability Assessment and IWMP** within the DENR MIMAROPA Region, as of 2nd quarter of CY 2021.

Field Office	Watershed Management Activity	Accomplishment (as of 2 nd Quarter)
CENRO Sablayan, Occidental Mindoro	Pagbahan Watershed (Characterization and Vulnerability Assessment)	<ul style="list-style-type: none">Conducted water sampling collection as part of the Water Quality Assessment with assistance from Environmental Management Unit (EMU) last May 25, 2021. The samples were sent to EMB Laboratory at Calapan City, Oriental Mindoro (<i>see Annex A.1</i>).Conducted virtual meeting with EMB Personnel regarding the Water Quality Assessment last April 20, 2021 (<i>see Annex A.2</i>).
CENRO Roxas, Oriental Mindoro	Cavillan Watershed (Characterization & VA)	<ul style="list-style-type: none">Orientation and levelling-off for the preparation of WCVA last March 10, 2021 at Municipality of Bulalacao .Coordinated with the Municipal LGU of Bulalacao for the creation of the Technical Working Group (TWG) for the watershed activities last March 1, 2021 (<i>see Annex B</i>).
CENRO Puerto Princesa City, Palawan	Aborlan Watershed (Characterization & VA)	<ul style="list-style-type: none">Requested the Municipal Mayor of Aborlan thru a letter for the levelling off of watershed activities dated March 29, 2021Created a Watershed Management and Vulnerability Assessment Team (WMVAT) dated March 5, 2021Conducted online orientation on Watershed Characterization last February 24, 2021 via Zoom (<i>see Annex C</i>).



PENRO Oriental Mindoro	Bongabong Watershed (Integrated Watershed Management Plan)	<ul style="list-style-type: none">Conducted orientation and levelling-off with the Technical Working Group last March 11, 2021 at Sangguniang Bayan Hall in the New Municipal Hall of Bongabong, Or. MindoroConducted orientation with the CENRO Roxas Team for the preparation of IWMP last March 2, 2021 (<i>see Annex D</i>).
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On the other hand, monitoring of installed watershed instruments in Oriental Mindoro was conducted by the Provincial Environment and Natural Resources (PENRO) Oriental Mindoro last February 18-19, and May 5-7, 2021 (*see Annex E.1-E.2*). There are five (5) installed watershed instruments in the region which include one (1) Automated Water Level Station (Calapan City), three (3) Automated Weather Stations (Bongabong, Brgy. Alcate, Victoria and Brgy. Macatoc, Victoria) and (1) Automated Groundwater Level Station (Alcate, Victoria). All of the five instruments are functioning and in good condition.

Table 2. Summary report of accomplishments for the **Watershed Instrumentation** of the Region, as of 2nd quarter of CY 2021.

Program/Activity/Project	Accomplishment (as of 2 nd Quarter)
1. Database access subscription (Zentra Cloud for AWS & CTD Groundwater sensor)	The procurement of subscription for Zentra Cloud for Automated Weather Station & Conductivity Temperature and Depth (CTD) Groundwater Sensor is ongoing.
2. Maintenance and Protection of the Monitoring System a. Professional Services (Laboratory Analysis, services, etc.) b. Orientation on LGUs on the data management generated on watershed instrumentation	a. Soil (6 sites) and water (8 sites) sampling was conducted in the municipalities of Socorro, Pinamalayan, and Pola within the Pula River Watershed of Oriental Mindoro last June 3-4, 2021 (<i>see Annex F</i>). b. Orientation originally targeted for the First Quarter was moved to 3 rd Quarter (<i>see Annex G</i>).
3. Hiring of Database Manager for Instrumentation	Hired a Database Management Information Systems Analyst (DMISA) II based in the Regional Office for the period of January-June 2021 and on the process of renewal for the period of July-December 2021 (<i>see Annex H</i>).

Please see attached reports for your reference.

For your information and record.



Department of Environment
and Natural Resources
MIMAROPA Region



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MARIA LOURDES G. FERRER, CESO III