



June 30, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA

THRU : The OIC, ARD for Technical Services
DENR MIMAROPA

FROM : The OIC, PENR Officer
Oriental Mindoro

SUBJECT : **SUBMISSION OF QUARTERLY REPORT ON THE
WATERSHED CHARACTERIZATION AND VULNERABILITY
ASSESSMENT OF BAROC RIVER FOR THE 2ND QUARTER
CY2023 OF CENRO ROXAS, ORIENTAL MINDORO**

Submitted is the 2nd Quarterly Report CY 2023 of CENRO Roxas on the Watershed Characterization and Vulnerability Assessment of Baroc River.

The Technical Working Group conducted data gathering on both primary and secondary data. Primary data gathered were the water quality, soil properties, and flora and fauna. water samples were collected in different strategic locations of the watershed main stream. Three sampling locations were considered – the upstream, midstream and downstream of Baroc River. The said water samples were brought to the EMB MIMAROPA – Oriental Mindoro satellite office for processing and analysis.

Secondary data gathered were socio-economic of the 18 barangays within the watershed, FLUP and CLUP of Municipalities of Mansalay and Roxas in Oriental Mindoro.

Attached is the report of CENRO Roxas and photo-documentation for information, and record.

ALAN L. VALLE



PENRO Tracking No. 2306000673
TSD/CDS/dmits



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Community Environment and Natural Resources Office
Camia St., San Mariano, Roxas, Oriental Mindoro
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DENR-MIMAROPA REGION	
PROVINCIAL ENVIRONMENT AND NATURAL	
RESOURCES OFFICE	
ORIENTAL MINDORO	
RECEIVED BY:	<i>Jinda</i>
DATE:	JUN 27 2023
TIME:	

June 21, 2023

MEMORANDUM

FOR : **The Regional Executive Director**
1515 DENR By the Bay Building, Roxas Boulevard
Barangay 668, Ermita, Manila

THRU : **The OIC-PENR Officer**
Suqui, Calapan City, Or. Mindoro

FROM : **The In-Charge, Office of the CENRO**
San Mariano, Roxas, Or. Mindoro

SUBJECT : **QUARTERLY REPORT ON THE CHARACTERIZATION AND VULNERABILITY ASSESSMENT OF BAROC RIVER FOR THE 2ND QUARTER CY 2023 OF CENRO ROXAS, ORIENTAL MINDORO**

Forwarded is the report under Soil Conservation and Watershed Management Unit on the Characterization and Vulnerability Assessment of Baroc River for the 2nd Quarter for FY 2023.

For this quarter, the Technical Working Group of Watershed conducted primary and secondary data gathering to be included on the output of the said watershed. Primary data gathered were physical assessment of soil, water quality for hydrology and flora and fauna assessment. Secondary data gathered were CLUP, FLUP and Barangay Socio-Economic data of Municipalities of Mansalay and Roxas, Oriental Mindoro.

For her information and record

REYNALDO DI PUDIQUET
Forester III/In-charge, Office of the CENRO



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June 19, 2023

MEMORANDUM

FOR : The CENR Officer

FROM : Soil Conservation and Watershed Management Unit

SUBJECT : **QUARTERLY REPORT ON THE CHARACTERIZATION AND VULNERABILITY ASSESSMENT OF BAROC RIVER FOR THE 2ND QUARTER CY 2023 OF CENRO ROXAS, ORIENTAL MINDORO**

Respectfully submitted is the 2nd quarter report on the Characterization and Vulnerability Assessment of Baroc River located within the Municipalities of Roxas and Mansalay, Oriental Mindoro.

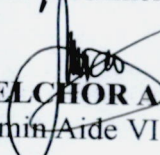
During this quarter, the technical working group conducted primary and secondary data gathering to be included in the output. The team coordinated with Municipal Local Government Units of Mansalay and Roxas, Oriental Mindoro prior to the collection of primary data and gathered the necessary secondary data (CLUP and FLUP). Barangay Socio-Economic data were gathered within 18 barangays covered by the said watershed. Fundamental Maps and shapefiles such as Geologic Map, Hydrogeologic Map, Landslide and Flood Susceptibility Maps and Mineral Resources Map were also requested and provided by Mines and Geoscience Bureau to this office.

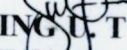
Physical assessment of Baroc River was also conducted as part of the primary data gathering. For soil, soil type condition and characteristic, and erosion susceptibility were assessed. Soil samples were collected and delivered to Department of Agriculture – Regional Soil Laboratory, Lipa, Batangas for analysis with prescribed parameters. However, parameters such as Bulk Density and Soil Permeability were conducted by the technical working group on-site. For Hydrology, the team together with EMB embedded personnel Engr. Marvin Fetalco conducted water sampling and water quality analysis with prescribed parameters to EMB-Oriental Mindoro for the month of May. Flora and Fauna Assessment were also conducted during this quarter. Please be informed that these assessments were conducted within upstream, midstream and downstream of Baroc River.

For information and record.


ARABELLE JOY V. TAMAYOSA
Forest Technician I

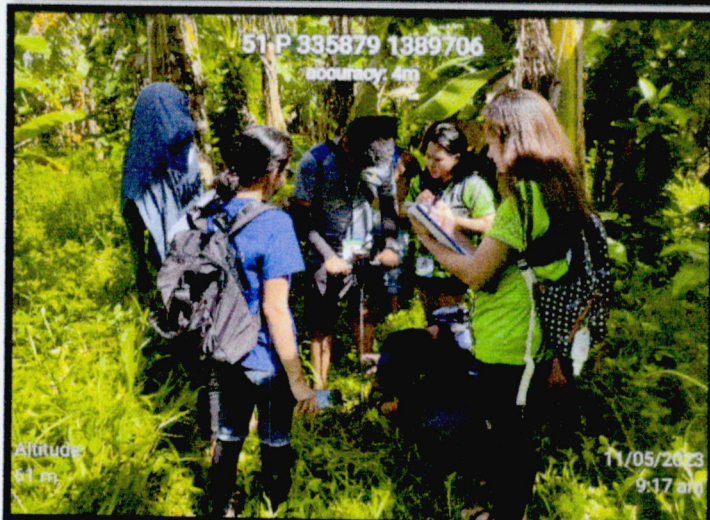

IRENEO HAMLET J. EUSTAQUIO
Forest Technician II


DALE MELCHOR A. ALAGAO
Admin Aide VI


MARCING U. TUGAS
Forester II/Chief, SCWMU



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Collection of soil and conduct of soil analysis for bulk density and soil permeability parameters of the technical working group



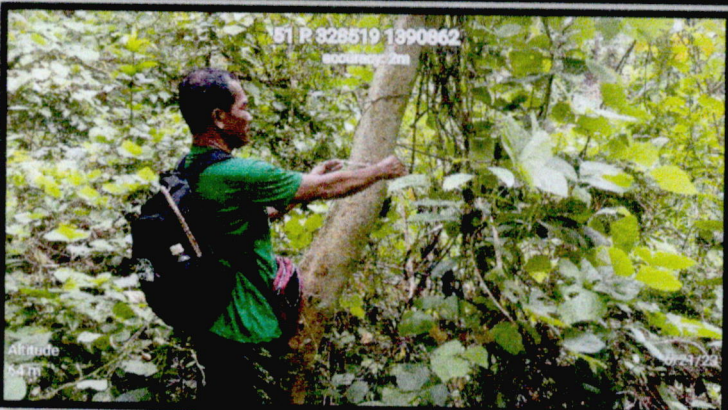
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Conduct of water sampling of the technical working group together with EMB embedded personnel Engr. Marvin Fetalco for the month of May, 2023



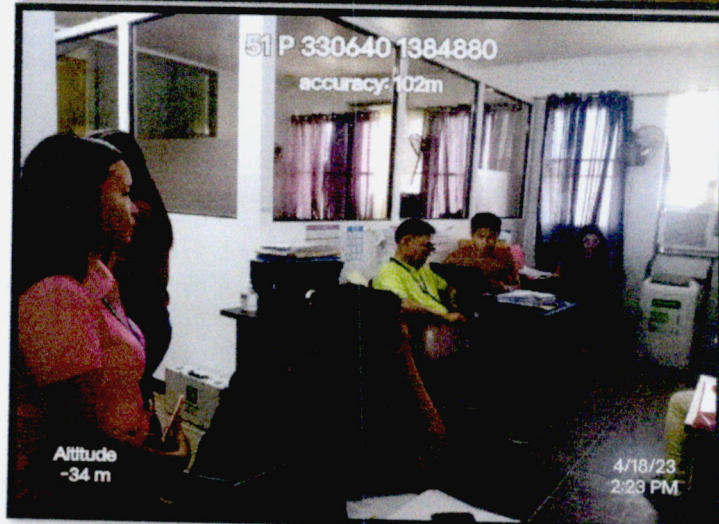
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Conduct of Flora and Fauna assessment within the upstream, midstream and downstream of Baroc River



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Coordination with the stakeholders(BLGUs and MLGU) for the Characterization and Vulnerability Assessment of Baroc River