

Environmental Management Bureau

Regional Environmental Laboratory Region VIII

Brgy. Baras, Palo, Leyte

Certificate of Analysis

Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-AMBIENT SECTION

Name/Source:	Binahaan river (Priority river)		
Address/Location:	Dagami & Pastrana, Leyte		
Sampled by:	M Sudaria & JV Hijada		
Date Arrived:	Dec 7, 2021 @ 1:50 PM	Date Acknowledged:	Dec 7, 2021 @ 1:55 PM
Date Reported:	Dec 14, 2021 @ 12:06 PM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
	2108-1237	December 7, 2021 @1:30 PM	river water	water sample placed in 500-mL plastic bottle labeled "Binahaan 1"
2021-419	2108-1238	December 7, 2021 @1:11 PM	river water	water sample placed in 500-mL plastic bottle labeled "Binahaan 2"
2021-419	2108-1239	December 7, 2021 @1:05 PM	river water	water sample placed in 500-mL plastic bottle labeled "Binahaan 3"
	2108-1240	December 7, 2021 @12:45 PM	river water	water sample placed in 500-mL plastic bottle labeled "Binahaan 4"

Environmental conditions during analysis:

Relative humidity: 48.0% Temperature: 22.1°C

CHARACTERISTICS:

Deservatore	Date analysed -	Lab sample no.			
Parameters		1237	1238	1239	1240
BOD, mg/L	7-Dec-21	(+)	1.9	1.3	1.6
TSS, mg/L	10-Dec-21	47	19	23	10
True color, TCU	7-Dec-21	10	10	5	5
Temperature, °C	7-Dec-21	24.5	24.5	24.2	24.1
DO, mg/L	7-Dec-21	4.96	4.89	8.46	5.23

Method used: BOD - 5-Day BOD Test

TSS - Gravimetric Method, dried @ 103-105°C

True color - Visual comparison method Temperature-Electromertic method

DO - Electrode method

Method detection limit (MDL):

 BOD
 0.1 mg/L

 TSS
 2.3 mg/L

 True color
 5 TCU

Reference:

Standard Methods for the Examination of Water and Wastewater, 23rd ed., 2017,

AHA, AWWA, WEF

Remarks

1. This certificate of analysis is based on the sample as received by this office.

2. This certificate of analysis shall not be reproduced in full, without written approval

from issuing laboratory.

3. ND: "not detected", < MDL

Analyzed by

ARIEL B. SEVILLENO, RChT

Laboratory analyst, Chemistry

Reg. No. 0003055

ANGELICA JOY G. YU, RCh Technical Manager, Chemistry

Reg. No. 0012803

SHEREY MAE V. BALAGAO, RCh Laboratory analyst, Chemistry

Reg. No. 0013722

Approved by:

Noted by:

REYNADO B. BARRA OIC - Regional Director

Analyzed and Certified by:

APRILYN'R. DAÑAS, RCh Laboratory Manager

Reg. No. 0011659

Laboratory Unit

Email: embr8lab@yahoo.com

CC

Laboratory Sampler Records Unit



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

Regional Office No. VIII DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City



DISPOSITION FORM

Doc. Date: December 14, 2021

IIS No. : R8-2021-025686

Company Name: LGU PASTRANA

Subject / Title: 1237-1240 Binahaan river (Priority river)

TO: All Officials/Personnel Concerned:

Please accomplish and route this properly with the corresponding attached communication/documents. The Official or employee in-charge to whom this document is routed shall act promptly and expeditiously without discrimination as prescribed in the SECSIME or within fifteen (15) working days from receipt thereof, failure to do is punishable by LAW under RA 6713 and negligence to Memorandum Circular No. 44 issued by the Office of the President of the Philippines "Directing all Government Agencies and Instrumentalities, including government-owned or controlled corporations to respond to all public requests and concerns within 15 days (15 from the receipt thereof)

For strict compliance.

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BY (Official Code/ Sender Initial)	DATE (mm/dd/yy)	TO (Official Code/ Receiver Initial)	TIME (AM/PM)	ACTION REMARKS STATUS	
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A. He	12/21	C. EMED	8:17 mm	-do-	
C. EMED	12/16/21	680		1	
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Use code for comment/instruction and desired action:

A - For information / guidance / reference

B - For comments / recommendations

C - Pls. take up with me

D - Pls. draft answer memo

E - Pls. appropriatte action I - For initial/signature

F - Pls. immediate investigation J - For study/evaluation G - Pls. Attach supporting papers K - Pls. release/file

H - Pls. for approval L - Update stat of case

Important Reminder!

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Approved by:

MANUEL/J SACEDA JR.

OIC - Chief EMED

Analyzed and Certified by:

APRILYN R. DAÑAS, RCh

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Noted by:

REYNALDO B. BARRA

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