

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:	Canturing river (Priority river)				
Address/Location:	Maasin City, Southern Leyte				
Sampled by:	M Sudaria & JV Hijada				
Date Arrived:	Dec 6, 2021 @ 1:48 PM	Date Acknowledged:	Dec 6, 2021 @ 1:48 PM		
Date Reported:	Dec 14, 2021 @11:57 AM				

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information	
	2108-1226	December 6, 2021 @ 9:45 AM		water sample placed in 500-mL plastic bottle labeled "Canturing 1"	
2021-416	2108-1227	December 6, 2021 @ 9:30 AM	river water	water sample placed in 1000-mL and 500-n plastic bottle labeled "Canturing 2"	
	2108-1228	December6, 2021 @ 9:50 AM	river water	water sample placed in 1000-mL and 500-mL plastic bottle labeled "Canturing 3"	
	2108-1229	December 6, 2021 @ 10:10 AM	river water	water sample placed in 1000-mL and 500-mL plastic bottle labeled "Canturing4"	

Environmental conditions during analysis:

Relative humidity: 56.4% Temperature: 22.5°C

CHARACTERISTICS:

	Date analysed	Lab sample no.			
Parameters		1226	1227	1228	1229
BOD, mg/L	6-Dec-21	-	1.1	1.0	1.0
TSS, mg/L	7-Dec-21	16	9	3	5
True color, TCU	7-Dec-21	5	5	5	5
pH	6-Dec-21	7.76	8.13	8.05	8.38
Temperature, °C	6-Dec-21	24.4	28.4	27	25.6
DO, mg/L	6-Dec-21	5.3	6.63	6.15	4.53

Method used: BOD - 5-Day BOD Test

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

True color - Visual comparison method

pH - Electrometric method

Temperature-Electromertic method

DO - Electrode method

Page 2 of 2

Method detection limit (MDL):

BOD

0.1 mg/L TSS

2.3 mg/L

True col 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

.

Analyzed and Certified by:

ARIEL B. SEVILLENO, RChT Laboratory analyst, Chemistry Reg. No. 0003055 APRILYN R. DAÑAS, RCh Laboratory Manager Reg. No. 0011659

ANGELICA JOY G. YU, RCh Technical Manager, Chemistry

Reg. No. 0012803

SHEREY MAE U. BALAGAO, RCh Laboratory analyst, Chemistry

Reg. No. 0013722

Approved by

MANUEL J. SACEDA JR.

Noted by

REYNALDO B. BARRA OIC - Regional Director

Laboratory Unit

0

Laboratory Sampler Records Unit



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:	Canturing river (Priority river)			
Address/Location:	Maasin City, Southern Leyte			
Sampled by:	M Sudaria & JV Hijada			
Date Arrived:	Dec 6, 2021 @ 1:48 PM	Date Acknowledged:	Dec 6, 2021 @ 1:48 PM	
Date Reported:	Dec 14, 2021 @11:57 AM			

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information	
	2108-1226	December 6, 2021 @ 9:45 AM	river water	water sample placed in 500-mL plastic bottle labeled "Canturing 1"	
2021-416	2108-1227	December 6, 2021 @ 9:30 AM	river water	water sample placed in 1000-mL and 500-r plastic bottle labeled "Canturing 2"	
	2108-1228	December6, 2021 @ 9:50 AM	rivar water	water sample placed in 1000-mL and 500-mL plastic bottle labeled "Canturing 3"	
	2108-1229	December 6, 2021 @ 10:10 AM	river weter	water sample placed in 1000-mL and 500-mL plastic bottle labeled "Canturing4"	

Environmental conditions during analysis:

Relative humidity: 56.4% Temperature: 22.5°C

CHARACTERISTICS:

Deservators	Date analysed	Lab sample no.			
Parameters		1226	1227	1228	1229
BOD, mg/L	6-Dec-21		1.1	1.0	1.0
TSS, mg/L	7-Dec-21	16	9	3	5
True color, TCU	7-Dec-21	5	5	5	5
pH	6-Dec-21	7.76	8.13	8.05	8.38
Temperature, °C	6-Dec-21	24.4	28.4	27	25.6
DO, mg/L	6-Dec-21	5.3	6.63	6.15	4.53

Method used: BOD - 5-Day BOD Test

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

True color - Visual comparison method

pH - Electrometric method

Temperature-Electromertic method

DO - Electrode method

Page 2 of 2

Method detection limit (MDL):

BOD

0.1 mg/L TSS

2.3 mg/L

True coli 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

Analyzed and Certified by:

APRILYN R. DAÑAS, RCh

Laboratory Manager Reg. No. 0011659

ANGELICA JOY G. YU, RCh Technical Manager, Chemistry

Reg. No. 0012803

SHEREY MAE U.BALAGAO, Laboratory analyst, Chemistry AGAO, RCh

Reg. No. 0013722

Approved by

J. SACEDA JR. OIC - Chief EMED

Noted by:

REYNALDO B. BARRA OIC - Regional Director

Laboratory Unit

Laboratory Sampler



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

: R8-2021-025683

Company Name: ENVIRONMENTAL MANAGEMENT BUREAU -

REGION VIII (EASTERN VISAYAS)

IIS No.

Subject / Title: 1226-1229 Canturing 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.

		F	ROUTED	
BY (Official Code/ Sender Initial)	DATE (mm/dd/yy)	TO (Official Code/ Receiver Initial)	TIME (AM/PM)	ACTION REMARKS STATUS
Sherey Mae U. Balagao	12/14/2021	Aprilyn R. Danas	12:22 PM	For initial/signature.
Abata	12/14/21	A.Ife	2.50 PM	-do
A. IFC	12/14/21	A.Ife e. and	3:15 Am	- I -
C.EMED	12/18/21	DRO		1

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

F - Pls. immediate investigation

G - Pls. Attach supporting papers

H - Pls. for approval

I - For initial/signature

K - Pls. release/file J - For study/evaluation

L - Update stat of case

Do not tamper. Continue on separate sheet if necessary. Attach this always with the document to be routed as this shall form an integral part of the document process.