

	Environmental Management Bureau
	<b>Regional Environmental Laboratory Region VIII</b>
	Brgy. Baras, Palo, Leyte
<b>Certificate of Analysis</b>	

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
2021-416	2108-1226	December 6, 2021 @ 9:45 AM	river water	water sample placed in 500-mL plastic bottle labeled "Canturing 1"
	2108-1227	December 6, 2021 @ 9:30 AM	river water	water sample placed in 1000-mL and 500-mL 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:


Parameters	Date analysed	Lab sample no.			
		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

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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

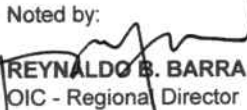
Analyzed by:   
**ARIEL B. SEVILLENÓ, RChT**  
Laboratory analyst, Chemistry  
Reg. No. 0003055

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, RCh**  
Laboratory analyst, Chemistry  
Reg. No. 0013722

Approved by:   
**MANUEL J. SACEDA JR.**  
OIC - Chief EMBD

Noted by:   
**TREYNALDO B. BARRA**  
OIC - Regional Director

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