

	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:	Adopt-an-Estero Program		
Address/Location:	Palo, Tanauan, Javier & Mac Arthur Leyte		
Sampled by:	L. Fuentes & J. Quinto		
Date Arrived:	Feb 8, 2022 @ 3:50 PM	Date Acknowledged:	Feb 8, 2022 @ 4:05 PM
Date Reported:	Feb 14, 2022 @ 5:01 PM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-032	2208-101	Feb 9, 2022 @ 9:02 AM	river water	water sample placed in 1000-mL PET bottle labeled "Guindapunan Creek 1"
	2208-102	Feb 9, 2022 @ 9:06 AM	river water	water sample placed in 1000-mL PET bottle labeled "Guindapunan Creek 2"
	2208-103	Feb 9, 2022 @ 9:25 AM	river water	water sample placed in 1000-mL PET bottle labeled "Bangon River 1"
	2208-104	Feb 9, 2022 @ 9:29 AM	river water	water sample placed in 1000-mL PET bottle labeled "Bangon River 2"
	2208-105	Feb 9, 2022 @ 10:01 AM	river water	water sample placed in 1000-mL PET bottle labeled "Combatista River 1"
	2208-106	Feb 9, 2022 @ 10:08 AM	river water	water sample placed in 1000-mL PET bottle labeled "Combatista River 2"
	2208-107	Feb 9, 2022 @ 10:49 AM	river water	water sample placed in 1000-mL PET bottle labeled "Kawayan Creek 1"
	2208-108	Feb 9, 2022 @ 10:55 AM	river water	water sample placed in 1000-mL PET bottle labeled "Kawayan Creek 2"
	2208-109	Feb 9, 2022 @ 11:22 AM	river water	water sample placed in 1000-mL PET bottle labeled "Balugo River 1"
	2208-110	Feb 9, 2022 @ 11:31 AM	river water	water sample placed in 1000-mL PET bottle labeled "Balugo River 2"

Environmental conditions during analysis:

Relative humidity: 46.7%

Temperature: 22.1°C

CHARACTERISTICS:

Parameters	Date Analyzed	Lab sample no.				
		101	102	103	104	105
BOD, mg/L	9-Feb-22	2.1	2.1	2.1	1.5	2.3
		106	107	108	109	110
BOD, mg/L	9-Feb-22	3.1	7.9	7.6	2.1	1.5

Method used: BOD - 5-Day BOD Test

Method detection limit (MDL):

BOD 0.1 mg/L

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:

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Laboratory analyst, Chemistry  
Reg. No. 0008055

Certified by:

APRILYN R. DANAS, RCh  
Laboratory manager  
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Approved by:

MANUEL J. SACEDA JR.  
OIC - Chief EMED

Noted by:

REYNALDO B. BARRA  
OIC - Regional Director