

	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:	Ormoc Bay WQMA		
Address/Location:	Ormoc City, Merida & Albuera Leyte		
Sampled by:	S.Panis, R.Udtohan		
Date Arrived:	March 23, 2022 @ 3:38 PM	Date Acknowledged:	March 23, 2022 @ 3:39 PM
Date Analyzed:	March 23, 2022 @ 3:41 PM	Date Reported:	March 28, 2022 @ 8:00 AM

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-101	2208-325	March 23, 2022 @ 12:48 PM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Anilao Upstream"
	2208-326	March 23, 2022 @ 10:50 AM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Anilao Downstream"
	2208-327	March 23, 2022 @ 12:13 PM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Malbasag Upstream"
	2208-328	March 23, 2022 @ 10:39 AM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Malbasag Downstream"
	2208-329	March 23, 2022 @ 10:10 AM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Panilahan River"
	2208-330	March 23, 2022 @ 11:11 AM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Pagsangahan River"
	2208-331	March 23, 2022 @ 9:40 AM	river water	water sample placed in 250-mL sterilized glass bottle labeled "Albuera River"
	2208-332	March 23, 2022 @ 11:44 AM	sea water	water sample placed in 250-mL sterilized glass bottle labeled "Don Felipe"
	2208-333	March 23, 2022 @ 10:33 AM	sea water	water sample placed in 250-mL sterilized glass bottle labeled "FILMAG"
	2208-334	March 23, 2022 @ 9:45 AM	sea water	water sample placed in 250-mL sterilized glass bottle labeled "Merida Coastal"
	2208-335	March 23, 2022 @ 10:17 AM	sea water	water sample placed in 250-mL sterilized glass bottle labeled "Sals"
	2208-336	March 23, 2022 @ 9:22 AM	sea water	water sample placed in 250-mL sterilized glass bottle labeled "Albuera Coastal"
	2208-337	March 23, 2022 @ 10:09 AM	riverwater	water sample placed in 250-mL sterilized glass bottle labeled "Merida River"
	2208-338	March 23, 2022 @ 11:28 AM	sea water	water sample placed in 250-mL sterilized glass bottle labeled "YMCA"

Environmental conditions during analysis:

Relative humidity: 45.4%

Temperature: 22.1°C

CHARACTERISTICS:

Parameters	Lab sample no.				
	325	326	327	328	329
Fecal coliform, MPN/100 mL	450	1.6 x 10 <sup>5</sup>	3.3 x 10 <sup>3</sup>	1.6 x 10 <sup>5</sup>	4.9 x 10 <sup>3</sup>
	330	331	332	333	334
Fecal coliform, MPN/100 mL	3.3 x 10 <sup>3</sup>	1.3 x 10 <sup>4</sup>	1.7 x 10 <sup>3</sup>	200	200
	335	336	337	338	
Fecal coliform, MPN/100 mL	200	180	6.3 x 10 <sup>3</sup>	400	

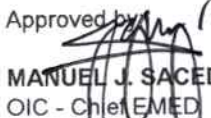
Method Used: Fecal coliform - Multiple Tube Fermentation Technique

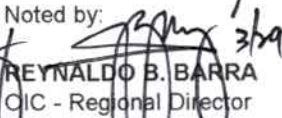
Reference: 9221E. Standard Methods for the Examination of Water and Wastewater, 23rd ed., 2017, AHA, AWWA, WEF

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.

Analyzed by:  
  
REBEKAH A. SUPERALES  
Technical Manager, Microbiology

Reviewed by:  
  
APRILYN R. DAÑAS, RCh  
Laboratory Manager  
Reg. No. 0011659

Approved by:  
  
MANUEL J. SACEDA JR.  
OIC - Chief EMED

Noted by:  
  
REYNALDO B. BARRA  
OIC - Regional Director



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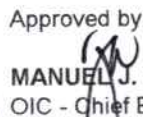
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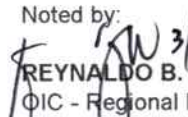
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