

	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:	Robinsons Place Marasbaras (Compliance Monitoring)		
Address/Location:	Marasbaras, Tacloban City, Leyte		
Sampled by:	JC Salvador		
Date Arrived:	Mar 2, 2022 @ 2:11 PM	Date Acknowledged:	Mar 2, 2022 @ 2:12 PM
Date Reported:	Mar 7, 2022 @ 10:30 AM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-072	2208-235	Mar 2, 2022 @ 1:45 PM	Effluent	water sample placed in 1000-mL plastic bottle labeled "Rob EXP"
	2208-236	Mar 2, 2022 @ 1:54 PM	Effluent	water sample placed in 1000-mL plastic bottle labeled "Rob Main"

Environmental conditions during analysis:

Relative humidity: 44.6%

Temperature: 21.1°C

CHARACTERISTICS:

Parameters	Date Analyzed	Lab sample no.	
		235	236
BOD, mg/L	2-Mar-22	129.7	117.3
NO <sub>3</sub> <sup>-</sup> as N, mg/L	2-Mar-22	5.29	0.22
PO <sub>4</sub> <sup>3-</sup> as P, mg/L	2-Mar-22	0.858	0.063

Method used: BOD - 5-Day BOD Test

Nitrate (NO<sub>3</sub><sup>-</sup>) - Ion chromatography with Chemical Suppression of Eluent Conductivity

Phosphate (PO<sub>4</sub><sup>3-</sup>) - Ascorbic acid method

Method detection limit (MDL):

BOD 0.1 mg/L

NO<sub>3</sub><sup>-</sup> as N, mg/L 0.0156 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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