

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:	Metro Gaisano Tacloban (DP Renewal)		
Address/Location:	Tacloban City		
Sampled by:	CA Cayanong, JC Salvador		
Date Arrived:	Mar 16, 2022 @ 2:39 PM		
Date Reported:	Mar 21, 2022 @ 3:18 PM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-091	2208-306	Mar 16, 2022 @ 1:28 PM		water sample placed in 250-mL glass, 500-mL and 1000-mL plastic bottle labeled "METRO Tacloban"

Environmental conditions during analysis:

Relative humidity: 39.1% Temperature: 21.4°C

CHARACTERISTICS:

Parameters	Date Analyzed	Lab sample no. 306	
BOD, mg/L	16 Mar 22	< 5.4	
NO ₃ as N, mg/L	16-Mar-22	20.83	
PO ₄ ³⁺ as P, mg/L	17-Mar-22	3.843	

Method used: 1. BOD - 5-Day BOD Test

- 2. Nitrate (NO3-) Ion chromatography with Chemical Suppression of Eluent Conductivity
- 3. Phosphate (PO43-) Ascorbic acid method

Method detection limit (MDL):

BOD

0.1 mg/L

NO 3" as N, mg/L 0.0156 mg/L

Reference:

- 1. 5210 B. Standard Methods for the Examination of Water and Wastewater,
- 23rd ed., 2017, AHA, AWWA, WEF
- 2. 4110 B. Standard Methods for the Examination of Water and Wastewater,
- 23rd ed., 2017, AHA, AWWA, WEF
- 3. 4500-P E. 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

ARIEL B SEVILLENO, RChT

Laboratory analyst, Chemistry

Reg. No. 0003055

Certified,

APRILYN A DAÑAS, RCh

Laboratory manager Reg. No. 0011659

SHEREY MAE U. BALAGAO, RCh Laboratory analyst, Chemistry

Reg. No. 0013722

Approved by

MANUEL J. SACEDA

OIC - Chief EMED

Noted by:-

REYNALDO B. BARRA

OIC - Regional Director



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