



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:	TOMI (DP Renewal)		
Address/Location:	Tolosa, Leyte		
Sampled by:	CA Cayanong		
Date Arrived:	Jan 26, 2022 @ 2:21 PM	Date Acknowledged:	Jan 26, 2022 @ 2:30 PM
Date Reported:	Jan 31, 2022 @ 11:01 AM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-019	2208-056	Jan 26, 2022 @ 2:21 PM	effluent	water sample placed in 1000-mL PET bottle labeled "TOMI"

Environmental conditions during analysis:

Relative humidity: 44.5%

Temperature: 21.5°C

CHARACTERISTICS:

Parameters	Date Analyzed	Lab sample no.
		056
BOD, mg/L	26-Jan-22	225.9
TSS, mg/L	27-Jan-22	41
NO ₃ ⁻ as N, mg/L	27-Jan-22	0.2893

Method used: BOD - 5-Day BOD Test

TSS - Gravimetric Method, dried @ 103-105 °C

Nitrate (NO₃⁻) and Chloride (Cl⁻) - Ion chromatography with Chemical Suppression of Eluent Conductivity

Method detection limit (MDL):

BOD 0.1 mg/L

TSS 2.3 mg/L

NO₃⁻ 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:

ARIEL B. SEVILLEN, RCh
Laboratory analyst, Chemistry
Reg. No. 0003055

Certified by:

APRILYN R. DAÑAS, RCh
Laboratory manager
Reg. No. 0011659

SHEREY MAE D. BALAGAO, RCh
Laboratory analyst, Chemistry
Reg. No. 0013722

ANGELICA JOY G. YU, RCh
Technical Manager, Chemistry
Reg. No. 0012803

Approved by:

MANUEL J. SACEDA JR.
OIC - Chief EMED

Noted by:

REYNALDO S. BARRA
OIC - Regional Director

Laboratory Unit
Email: embr8lab@yahoo.com

cc Laboratory
Sampler
Records Unit