

### 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:	Dupong, Matlang and Merida WQMA					
Address/Location:	Isabel, Leyte					
Sampled by:	K Benaires					
Date Arrived:	Dec. 7, 2021@ 3:30 PM	Date Acknowledged: Dec. 7, 2021@ 3:35 PM				
Date Analyzed:	Dec. 14, 2021@ 12:27 PM	Dec. 7, 2021@ 3:35 PM				

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
	2108-1241	December 7, 2021@8:15 AM	river water	water sample placed in 500-mL and 1000-mL PET bottle labeled "Tabunok"
	2108-1242	December 7, 2021@8:40 AM	river water	water sample placed in 500-mL and 1000-mL PET bottle labeled "Dupong"
	2108-1243	December 7, 2021@9:30 AM	river water	water sample placed in 500-mL and 1000-mL PET bottle labeled "Matlang"
	2108-1244	December 7, 2021@9:40 AM	seawater	water sample placed in 500-mL PET bottle labeled "Benabaye"
	2108-1245	December 7, 2021@11:24 AM	seawater	water sample placed in 500-mL PET bottle labeled "Sto. Nino"
2021-420	2108-1246	December 7, 2021@9:41 AM	seawater	water sample placed in 500-mL PET bottle labeled "Marvel"
	2108-1247	December 7, 2021@10:52 AM	seawater	water sample placed in 500-mL PET bottle labeled "Philphos outfall"
	2108-1248	December 7, 2021@11:01 AM	seawater	water sample placed in 500-mL PET bottle labeled "PASAR outfall"
	2108-1249	December 7, 2021@11:17 AM	seawater	water sample placed in 500-mL PET bottle labeled "Philphos Pier"
	2108-1250	December 7, 2021@10:39 AM		water sample placed in 500-mL PET bottle labeled "Mabil"
	2108-1251	December 7, 2021@10:02 AM	seawater	water sample placed in 500-mL PET bottle labeled "Buenavista"

Environmental conditions during analysis:

Relative humidity: 53.9% Temperature: 22.5°C CHARACTERISTICS:

Parameters	Date	Lab sample no.					
	Analyzed	1041	1042	1043	1044	1045	1046
BOD, mg/L	7-Dec-21	2.4	1.9	1.6	1044	1045	1046
TSS, mg/L	10-Dec-21	34	17	1.0	- 44	- 10	-
True color, TCU	7-Dec-21	10	- 17	3		18	20
	7 500-21		5	5	5	5	5
TCC//		1047	1048	1049	1050	1051	
TSS, mg/L	10-Dec-21	22	14	14	16	12	
True color, TCU	7-Dec-21	5	5	5	-	12	
11-11-1		-	J	0	5	5	

Method used: BOD - 5-Day BOD Test

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

True color - Visual comparison method

Method detection limit (MDL):

BOD

0.2 mg/L

TSS

2.3 mg/L

True color

5 TCU

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

ANGELICA JOY G. YU, RCh Technical Manager, Chemistry

Reg. No. 0012803

Certified by:

APRILYN R. DAÑAS, RCh

Laboratory manager Reg. No. 0011659

ARIEL B. SEVILLENO, RChT Laboratory analyst, Chemistry

Reg. No. 0003055

SHEREY MAE (1) BALAGAO, RCh

Laboratory analyst, Chemistry

Reg. No. 0013722

Approved by:

MANUEL . SACEDA JR.

NOIC - CHIEF EMED

Noted by:

REYNALDO B. BARRA

OIC - Regional Director

Email: embr8lab@yahoo.com

CC

Laboratory Sampler Records Unit



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TSS, mg/L 10-Dec-21 2.4 1.9 1.6	1040	1045	1044	1043	1042	1041	Analyzed	POD//	
True color, TCU 7-Dec-21 34 17 3 11 18  True color, TCU 7-Dec-21 10 5 5 5 5  1047 1048 1049 1050 1051  TSS, mg/L 10-Dec-21 22 14 14 14 16	1046	1043	1011		1.9	2.4	7-Dec-21		
True color, TCU 7-Dec-21 10 5 5 5 5 5 1 1047 1048 1049 1050 1051 TSS, mg/L 10-Dec-21 22 14 14 145 1050 1051	17	-	-	1.0	17	34	10-Dec-21		
TSS, mg/L 10-Dec-21 22 14 14 150 1051	20	18	11	3	- I/			True color, TCU	
TSS, mg/L 10-Dec-21 22 14 144 1050 1051	5	5	5	5	5				
10-Dec-21 22		1051	1050	1049	1048		40 D 04	TSS mg/l	
		12	16	14	14	22			
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Approved by:

Noted by:

REYNALDO B. BARRA OIC - Regional Director

Laboratory Unit Email: embr8lab@yahoo.com

CC

Laboratory Sampler Records Unit



#### Republic of the Philippines Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU

Regional Office No. VIII DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City



#### DISPOSITION FORM

Doc. Date: December 14, 2021

IIS No. : R8-2021-025687 Company Name: LGU ISABEL

Subject / Title: 1241-1251 Isabel WQMA

#### TO: All Officials/Personnel Concerned:

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C.EMED	12/15/21	OPO		1
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A - For information / guidance / reference

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C - Pls. take up with me

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