



RESULTS OF ANALYSIS

SOURCE : **ALAG RIVER WATERSHED**
ADDRESS : Baco, San Teodoro and Puerto Galera
SAMPLED BY : DAHABu (PEMU-Oriental Mindoro) EGAguilon, JADGuarde, JMNambio, MAMinesterio, FBGomaad (CENRO- Socorro)
DATE SAMPLED : 23 May 2023 DATE REPORTED : 11 July 2023
DATE RECEIVED : 23 May 2023 ARF/SS CODE : CAL 23-433

Laboratory Sample Code	Station Number	Time of Collection	Station Identification
23-2019C	1	0805H	Brgy. Malapad
23-2020C	2	0835H	Brgy. Tiboy
23-2021C	3	0934H	Brgy. Ariguy

CHARACTERISTIC	Method of Analysis	Environmental Condition	Date Analyzed	LABORATORY SAMPLE CODE		
				23-2019C	23-2020C	23-2021C
BOD ₅ , mg/L	5day BOD Test; SMEWW 5210 B	18.6 – 22.4 °C, 30 – 54 %RH	24-29 May 23	1	0	1
Color, TCU	Visual Comparison Method; SMEWW 2120 B	21.9 – 22.4 °C, 30 – 54 %RH	24 May 23	<5	10	<5
Fecal Coliform, MPN/100ml	Multiple Tube Fermentation Technique; SMEWW 9221 E	23.2 – 26.7 °C, 29 – 43 %RH	24-25 May 23	1600	920	350
Nitrates (N-NO ₃), mg/L	Nitrate Electrode Method; SMEWW 4500-NO ₃ -D	18.5 – 23.2 °C, 45 – 58 %RH	25 May 23	<1	<1	<1
pH (Laboratory @ 25°C)	Electrometric Method; SMEWW 4500-H-B	21.9 – 22.4 °C, 30 – 54 %RH	24 May 23	7.50	7.94	8.14
Dissolved Oxygen (DO), mg/L	Azide Modification Method; 4500-O C	21.5 – 21.9 °C, 30 – 39 %RH	23 May 23	5.60	7.20	6.90
Phosphate (P-PO ₄), mg/L	Ascorbic Acid Method; SMEWW 4500-P E	18.5 – 23.2 °C, 45 – 58 %RH	25 May 23	<0.02	<0.02	<0.02
Total Suspended Solids, mg/L	Gravimetric Method- Dried at 103-105°C; SMEWW 2540 D	17.2 – 19.3 °C, 44 – 51 %RH	25 May 23	7	<2	<2
Chloride, mg/L	Ascorbic Acid Method; SMEWW 4500-P E	21.9 – 22.7 °C, 30 – 49 %RH	06 June 23	4.92	4.40	3.36

NOTE: Measurement Uncertainty (MU) is available upon request.
This report shall not be reproduced in part but in whole.
Results refer only to samples as received.

CERTIFIED BY:

ROBBIN REBECCA C. LISONDRA, R.Ch

PRC No.: 0014021

Head, Regional Environmental Laboratory MIMAROPA



R4B-2023-013510



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Laboratory Sample Code	Station Number	Time of Collection	Station Identification
23-2022C	4	1156H	Brgy. Canubing I
23-2023C	5	1250H	Brgy. Metolza

CHARACTERISTIC	Method of Analysis	Environmental Condition	Date Analyzed	LABORATORY SAMPLE CODE	
				23-2022C	23-2023C
BOD ₅ , mg/L	5day BOD Test; SMEWW 5210 B	18.6 – 22.4 °C, 30 – 54 %RH	24-29 May 23	1	0
Color, TCU	Visual Comparison Method; SMEWW 2120 B	21.9 – 22.4 °C, 30 – 54 %RH	24 May 23	<5	<5
Fecal Coliform, MPN/100ml	Multiple Tube Fermentation Technique; SMEWW 9221 E	23.2 – 26.7 °C, 29 – 43 %RH	24-25 May 23	49	33
Nitrates (N-NO ₃), mg/L	Nitrate Electrode Method; SMEWW 4500-NO ₃ -D	18.5 – 23.2 °C, 45 – 58 %RH	25 May 23	<1	<1
pH (Laboratory @ 25°C)	Electrometric Method; SMEWW 4500-H-B	21.9 – 22.4 °C, 30 – 54 %RH	24 May 23	7.47	8.21
Dissolved Oxygen (DO), mg/L	Azide Modification Method; 4500-O C	21.5 – 21.9 °C, 30 – 39 %RH	23 May 23	6.00	7.20
Phosphate (P-PO ₄), mg/L	Ascorbic Acid Method; SMEWW 4500-P E	18.5 – 23.2 °C, 45 – 58 %RH	25 May 23	<0.02	<0.02
Total Suspended Solids, mg/L	Gravimetric Method- Dried at 103-105°C; SMEWW 2540 D	17.2 – 19.3 °C, 44 – 51 %RH	25 May 23	4	<2
Chloride, mg/L	Ascorbic Acid Method; SMEWW 4500-P E	21.9 – 22.7 °C, 30 – 49 %RH	06 June 23	3.62	3.62

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