

|   |   |  |
|---|---|--|
|  | Environmental Management Bureau<br><b>Regional Environmental Laboratory Region VIII</b><br>Brgy. Baras, Palo, Leyte |  |
|   | <b>Certificate of Analysis</b>  |  |
|   | Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-AMBIENT SECTION                                       |  |

|                   |   |                    |                        |
|-------------------|---|--------------------|------------------------|
| Name/Source:      | Savemore Tacloban (Compliance Monitoring) |                    |                        |
| Address/Location: | Tacloban City, Leyte                      |                    |                        |
| Sampled by:       | JC Salvador                               |                    |                        |
| Date Arrived:     | Mar 2, 2022 @ 10:28 AM                    | Date Acknowledged: | Mar 2, 2022 @ 10:30 AM |
| Date Reported:    | Mar 7, 2022 @ 10:55 AM                    |                    |                        |

| Chain of custody no. | Lab sample no. | Time of Collection    | Sample type | Sample Information  |
|----------------------|----------------|-----------------------|-------------|---|
| 2022-070             | 2208-233       | Mar 2, 2022 @ 9:38 AM | Effluent    | water sample placed in 1000-mL plastic bottle labeled "SAVEMORE Tacloban" |

Environmental conditions during analysis:

Relative humidity: 44.6%

Temperature: 21.1°C

#### CHARACTERISTICS:

| Parameters                               | Date Analyzed | Lab sample no. |
|--|---------------|----------------|
|  |               | 233            |
| BOD <sub>5</sub> mg/L                    | 2-Mar-22      | 14.0           |
| NO <sub>3</sub> <sup>-</sup> as N, mg/L  | 2-Mar-22      | ND             |
| PO <sub>4</sub> <sup>3-</sup> as P, mg/L | 2-Mar-22      | 2.247          |

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:

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

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

Approved by:

**MANUEL J. SACEDA JR.**  
OIC - Chief EMED

Certified by:

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

Noted by:

**REYNALDO B. BARRA**  
OIC - Regional Director