



# Echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

Laboratory: Blk 22 Lot 6A, Golden Sun 999 Ind'l Park, Quezon Rd., San Pablo Libutad, San Simon, Pampanga  
 Satellite Office: G/F ASCORP Bldg., Mc Arthur Highway, Dolores, City of San Fernando, Pampanga  
 Sales: 0942-316-2538 • 0945-798-6962 | (045) 435-2795 Email: echemenvironmental@gmail.com  
 Technical: 0917-507-8753 • 0917-164-2944

DOH Accreditation No.03-010-2325-LW-2 Valid until December 31, 2025  
 DENR C.R.No. 074/2023 Valid until June 24, 2026

## TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)** Test Report No.: **TR-24D-261**  
 Address: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City** Date and Time Received: **03 Apr 2024 @04:05PM**  
 Contact Person: **Ms. Florisza I. Faustino** Sampled By: **Manuelito G. Franco**  
 COC Number: **2024-D0067** Report Date: **15 Apr 2024**

Sample ID: **S24-D03-054W** Sampling Date: **03 Apr 2024**  
 Sample Description: **Influent** Sampling Time: **10:59 AM**  
 Sample Matrix: **Wastewater** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	9.2X10 <sup>8</sup>	MPN/100 mL	----	Multiple Tube Fermentation Technique	03 Apr 2024 @06:50PM	JFS
Biochemical Oxygen Demand (BOD <sub>5</sub> )	67	mg/L	----	5-Day BOD Test	04 Apr-09 Apr 2024	RRM
Surfactants (MBAS)	1.4	mg/L	----	Anionic Surfactants as MBAS	04 Apr 2024	SSL
Ammonia as NH <sub>3</sub> -N	36	mg/L	----	Phenate	11 Apr 2024	SSL
Nitrate as NO <sub>3</sub> -N	<0.05	mg/L	----	Colorimetric, Brucine	04 Apr 2024	TGG
Oil and Grease	7	mg/L	----	Liquid-Liquid, Partition Gravimetric	05 Apr 2024	TGG
pH (on-site)	7.83 @30.0°C	---	----	Electrometric	03 Apr 2024	MGF
Phosphate	2.6	mg/L	----	Stannous Chloride	04 Apr 2024	MMS

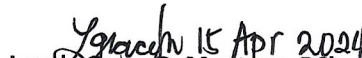
### Notes & References:

Standard Methods for the Examination of Water and Wastewater, 24th Edition.

#### Certified by:

  
**Aniza H. Pineda, RMT**  
 Medical Technologist, PRC No. 52546

#### Approved by:

  
**Lovely Grace D. Montoya, RCh**  
 Chemist, PRC No. 13651

  
**May Ann M. Estavillo, RCh**  
 QA/QC Manager, PRC No. 8652

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 Address: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City**  
 Contact Person: **Ms. Florisza I. Faustino**  
 COC Number: **2024-D0067**

Test Report No.: **TR-24D-261**  
 Date and Time Received: **03 Apr 2024 @04:05PM**  
 Sampled By: **Manuelito G. Franco**  
 Report Date: **15 Apr 2024**


Sample ID:	<b>S24-D03-055W</b>	Sampling Date:	<b>03 Apr 2024</b>
Sample Description:	<b>Effluent</b>	Sampling Time:	<b>11:04 AM</b>
Sample Matrix:	<b>Wastewater</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	<b>&lt;1.8</b>	MPN/100 mL	200	Multiple Tube Fermentation Technique	03 Apr 2024 @06:55PM	JFS
Biochemical Oxygen Demand (BOD <sub>5</sub> )	<b>&lt;2</b>	mg/L	30	5-Day BOD Test	04 Apr-09 Apr 2024	RRM
Surfactants (MBAS)	<b>&lt;0.05</b>	mg/L	3.0	Anionic Surfactants as MBAS	04 Apr 2024	SSL
Ammonia as NH <sub>3</sub> -N	<b>0.02</b>	mg/L	3.0	Phenate	11 Apr 2024	SSL
Nitrate as NO <sub>3</sub> -N	<b>1.5</b>	mg/L	20	Colorimetric, Brucine	04 Apr 2024	TGG
Oil and Grease	<b>2</b>	mg/L	5	Liquid-Liquid, Partition Gravimetric	05 Apr 2024	TGG
pH (on-site)	<b>7.39 @30.1°C</b>	---	6.5-9.0	Electrometric	03 Apr 2024	MGF
Phosphate	<b>0.69</b>	mg/L	2.0	Stannous Chloride	04 Apr 2024	MMS

### Notes & References:

Standard Methods for the Examination of Water and Wastewater, 24th Edition.  
 Water Quality Guidelines and General Effluent Standards of 2016, DENR Administrative Order No. 2016-08, Class SB Effluent.  
 Water Quality Guidelines and General Effluent Standards of 2021, DENR Administrative Order No. 2021-19, Class SB Effluent.

#### Certified by:

  
**Anita H. Pineda, RMT**  
 Medical Technologist, PRC No. 52546

#### Approved by:

  
**Lovely Grace D. Montoya, RCh**  
 Chemist, PRC No. 13651

  
**May Ann M. Estavillo, RCh**  
 QA/QC Manager, PRC No. 8652

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