



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)**
Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
Contact Person: **Mr. John Michael M. De Guzman**
COC Number: **2025-B0037**

Test Report No.: **TR-25B-156**
Date and Time Received: **04 Feb 2025 @04:15PM**
Sampled By: **ECHEM**
Report Date: **14 Feb 2025**

Sample ID:	S25-B04-023W	Sampling Date:	04 Feb 2025
Sample Description:	Effluent	Sampling Time:	10:45 AM
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	<1.8	MPN/100 mL	200	Multiple Tube Fermentation Technique	04 Feb 2025 @06:10PM	JFS
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	05 Feb-10 Feb 2025	SSL/MCD
Nitrate as NO ₃ -N	1.7	mg/L	20	Colorimetric, Brucine	05 Feb 2025	RRM
Oil and Grease	<1	mg/L	5	Liquid-Liquid, Partition Gravimetric	10 Feb 2025	RRM
pH (on-site)	8.07 @28.8°C	---	6.5-9.0	Electrometric	04 Feb 2025	MGF
Phosphate	0.47	mg/L	2.0	Stannous Chloride	06 Feb 2025	CSF
Surfactants (MBAS)	<0.05	mg/L	3.0	Anionic Surfactants as MBAS	05 Feb 2025	TGG

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 14 Feb 2025
Anita H. Pineda, RMT
Chief Microbiologist, PRC No. 52546

Approved by:

Grace D. Montoya 14 Feb 2025
Grace D. Montoya, RCh
Laboratory Manager, PRC No. 13651

May Ann M. Estavillo 14 Feb 2025
May Ann M. Estavillo, RCh
General Manager, PRC No. 8652

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TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
Contact Person: **Mr. John Michael M. De Guzman**
COC Number: **2025-B0375**

Test Report No.: **TR-25C-035**
Date and Time Received: **25 Feb 2025 @04:45PM**
Sampled By: **ECHEM**
Report Date: **04 Mar 2025**

Sample ID:	S25-B25-039W	Sampling Date:	25 Feb 2025
Sample Description:	Effluent	Sampling Time:	12:09 PM
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Ammonia as NH ₃ -N	0.14	mg/L	3.0	Phenate	27 Feb 2025	TGG

Notes & References:

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

Certified by:

Grace D. Montoya
Grace D. Montoya, RCh
Laboratory Manager, PRC No. 13651

Approved by:

May Ann M. Estavillo
May Ann M. Estavillo, RCh
General Manager, PRC No.8652

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Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
Contact Person: **Mr. John Michael M. De Guzman**
COC Number: **2025-B0037**

Test Report No.: **TR-25B-156**
Date and Time Received: **04 Feb 2025 @04:15PM**
Sampled By: **ECHEM**
Report Date: **14 Feb 2025**

Sample ID:	S25-B04-024W	Sampling Date:	04 Feb 2025			
Sample Description:	Influent	Sampling Time:	10:49 AM			
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan			
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	1.3X10 ⁸	MPN/100 mL	----	Multiple Tube Fermentation Technique	04 Feb 2025 @06:15PM	JFS
Ammonia as NH ₃ -N	19	mg/L	----	Phenate	06 Feb 2025	TGG
Biochemical Oxygen Demand (BOD ₅)	47	mg/L	----	5-Day BOD Test	05 Feb-10 Feb 2025	SSL/MCD
Nitrate as NO ₃ -N	<0.06	mg/L	----	Colorimetric, Brucine	05 Feb 2025	RRM
Oil and Grease	14	mg/L	----	Liquid-Liquid, Partition Gravimetric	10 Feb 2025	RRM
pH (on-site)	7.48 @29.8°C	---	----	Electrometric	04 Feb 2025	MGF
Phosphate	1.6	mg/L	----	Stannous Chloride	06 Feb 2025	CSF
Surfactants (MBAS)	1.2	mg/L	----	Anionic Surfactants as MBAS	05 Feb 2025	TGG

Notes & References:

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

Certified by:

Anita H. Pineda 14 Feb 2025
Anita H. Pineda, RMT
Chief Microbiologist, PRC No. 52546

Approved by:

Lovely Grace D. Montoya 14 Feb 2025
Lovely Grace D. Montoya, RCh
Laboratory Manager, PRC No. 13651

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