



Echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

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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-A0095**

Test Report No.: **TR-25A-160**

Date and Time Received: **07 Jan 2025 @05:10PM**

Sampled By: **ECHEM**

Report Date: **17 Jan 2025**

Sample ID:	S25-A07-057W	Sampling Date:	07 Jan 2025
Sample Description:	Effluent	Sampling Time:	12:01 PM
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	07 Jan 2025 @07:25PM	JFS
Ammonia as NH ₃ -N	0.34	mg/L	3.0	Phenate	09 Jan 2025	TGG
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	08 Jan-13 Jan 2025	SSL
Nitrate as NO ₃ -N	2	mg/L	20	Colorimetric, Brucine	08 Jan 2025	RRM
Oil and Grease	<1	mg/L	5	Liquid-Liquid, Partition Gravimetric	15 Jan 2025	RRM
pH (on-site)	7.59 @27.7°C	—	6.5-9.0	Electrometric	07 Jan 2025	MGF
Phosphate	0.56	mg/L	2.0	Stannous Chloride	08 Jan 2025	CSF
Surfactants (MBAS)	<0.05	mg/L	3.0	Anionic Surfactants as MBAS	08 Jan 2025	TGG

Sample ID:	S25-A07-058W	Sampling Date:	07 Jan 2025
Sample Description:	Influent	Sampling Time:	12:06 PM
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	9.2X10⁶	MPN/100 mL	----	Multiple Tube Fermentation Technique	07 Jan 2025 @07:30PM	JFS
Ammonia as NH ₃ -N	17	mg/L	----	Phenate	09 Jan 2025	TGG
Biochemical Oxygen Demand (BOD ₅)	949	mg/L	----	5-Day BOD Test	08 Jan-13 Jan 2025	SSL
Nitrate as NO ₃ -N	<0.06	mg/L	----	Colorimetric, Brucine	08 Jan 2025	RRM
Oil and Grease	5	mg/L	----	Liquid-Liquid, Partition Gravimetric	15 Jan 2025	RRM
pH (on-site)	7.28 @28.3°C	—	----	Electrometric	07 Jan 2025	MGF
Phosphate	1.6	mg/L	----	Stannous Chloride	08 Jan 2025	CSF
Surfactants (MBAS)	2.2	mg/L	----	Anionic Surfactants as MBAS	08 Jan 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 17 Jan 2025
Anita H. Pineda, RMT
Chief Microbiologist, PRC No. 52546

Approved by:

Lovely Grace D. Montoya 17 Jan 2025
Lovely Grace D. Montoya, RCh
Laboratory Manager, PRC No. 13651

May Ann M. Estavillo 17 Jan 2025
May Ann M. Estavillo, RCh
General Manager, PRC No. 8652

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