

**echem****ENVIRONMENTAL TESTING LABORATORY CORPORATION**

Laboratory: Blk 22 Lot 6A, Golden Sun 999 Ind'l Park, Quezon Rd., San Pablo Libutad, San Simon, Pampanga

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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: **Ms. Florisza Faustino**COC Number: **2025-D0041**Test Report No.: **TR-25D-204**Date and Time Received: **03 Apr 2025 @04:20PM**Sampled By: **ECHEM**Report Date: **15 Apr 2025**Sample ID: **S25-D03-056W**Sample Description: **Effluent**Sample Matrix: **Wastewater**Sampling Date: **03 Apr 2025**Sampling Time: **10:32 AM**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	03 Apr 2025 @06:30PM	JFS
Ammonia as NH ₃ -N	<0.004	mg/L	3.0	Phenate	21 Apr 2025	KSL
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	03 Apr-08 Apr 2025	SSL
Nitrate as NO ₃ -N	1.9	mg/L	20	Colorimetric, Brucine	03 Apr 2025	RRM
Oil and Grease	1	mg/L	5	Liquid-Liquid, Partition Gravimetric	08 Apr 2025	RRM
pH (on-site)	6.85 @28.5°C	---	6.5-9.0	Electrometric	03 Apr 2025	MGF
Phosphate	1.0	mg/L	2.0	Stannous Chloride	04 Apr 2025	CSF
Surfactants (MBAS)	0.06	mg/L	3.0	Anionic Surfactants as MBAS	03 Apr 2025	TGG

Sample ID: **S25-D03-057W**Sample Description: **Influent**Sample Matrix: **Wastewater**Sampling Date: **03 Apr 2025**Sampling Time: **10:36 AM**Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	1.4X10 ⁸	MPN/100 mL	---	Multiple Tube Fermentation Technique	03 Apr 2025 @06:35PM	JFS
Ammonia as NH ₃ -N	16	mg/L	---	Phenate	21 Apr 2025	KSL
Biochemical Oxygen Demand (BOD ₅)	91	mg/L	---	5-Day BOD Test	03 Apr-08 Apr 2025	SSL
Nitrate as NO ₃ -N	<0.06	mg/L	---	Colorimetric, Brucine	03 Apr 2025	RRM
Oil and Grease	13	mg/L	---	Liquid-Liquid, Partition Gravimetric	10 Apr 2025	RRM
pH (on-site)	6.45 @28.6°C	---	---	Electrometric	04 Apr 2025	CSF
Phosphate	1.6	mg/L	---	Stannous Chloride	04 Apr 2025	CSF
Surfactants (MBAS)	3.7	mg/L	---	Anionic Surfactants as MBAS	03 Apr 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.

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

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