



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: **2024-L0043**

Test Report No.: **TR-24L-194**
Date and Time Received: **03 Dec 2024 @04:00PM**
Sampled By: **ECHEM**
Report Date: **16 Dec 2024**

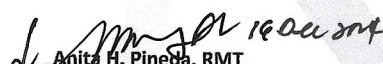
Sample ID:	S24-L03-026W	Sampling Date:	03 Dec 2024			
Sample Description:	Effluent	Sampling Time:	10:27 AM			
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan			
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	49	MPN/100 mL	200	Multiple Tube Fermentation Technique	03 Dec 2024 @05:20PM	JFS
Ammonia as NH ₃ -N	<0.006	mg/L	3.0	Phenate	05 Dec 2024	MMS
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	04 Dec-09 Dec 2024	TGG
Nitrate as NO ₃ -N	12	mg/L	20	Colorimetric, Brucine	03 Dec 2024	KTD
Oil and Grease	4	mg/L	5	Liquid-Liquid, Partition Gravimetric	09 Dec 2024	KTD
pH (on-site)	7.82 @28.5°C	--	6.5-9.0	Electrometric	03 Dec 2024	MGF
Phosphate	0.93	mg/L	2.0	Stannous Chloride	04 Dec 2024	RRM
Surfactants (MBAS)	0.05	mg/L	3.0	Anionic Surfactants as MBAS	03 Dec 2024	MMS

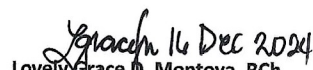
Sample ID:	S24-L03-027W			Sampling Date:	03 Dec 2024	
Sample Description:	Influent			Sampling Time:	10:34 AM	
Sample Matrix:	Wastewater			Sampling Location:	Anvaya Cove, Morong, Bataan	
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	1.6X10 ⁹	MPN/100 mL	----	Multiple Tube Fermentation Technique	03 Dec 2024 @05:25PM	JFS
Ammonia as NH ₃ -N	1.7	mg/L	----	Phenate	05 Dec 2024	MMS
Biochemical Oxygen Demand (BOD ₅)	88	mg/L	----	5-Day BOD Test	04 Dec-09 Dec 2024	TGG
Nitrate as NO ₃ -N	<0.05	mg/L	----	Colorimetric, Brucine	03 Dec 2024	KTD
Oil and Grease	15	mg/L	----	Liquid-Liquid, Partition Gravimetric	09 Dec 2024	KTD
pH (on-site)	7.07 @28.8°C	---	----	Electrometric	03 Dec 2024	MGF
Phosphate	1.2	mg/L	----	Stannous Chloride	04 Dec 2024	RRM
Surfactants (MBAS)	0.12	mg/L	----	Anionic Surfactants as MBAS	03 Dec 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:


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