



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-K0056**

Test Report No.: **TR-24K-156**
Date and Time Received: **06 Nov 2024 @04:45PM**
Sampled By: **ECHEM**
Report Date: **14 Nov 2024**

Sample ID: **S24-K06-048W** Sampling Date: **06 Nov 2024**
Sample Description: **Effluent** Sampling Time: **10:47 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	06 Nov 2024 @06:00PM	JFS
Ammonia as NH ₃ -N	<0.006	mg/L	3.0	Phenate	07 Nov 2024	MMS
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	07 Nov-12 Nov 2024	TGG
Nitrate as NO ₃ -N	13	mg/L	20	Colorimetric, Brucine	06 Nov 2024	KTD
Oil and Grease	2	mg/L	5	Liquid-Liquid, Partition Gravimetric	12 Nov 2024	KTD
pH (on-site)	7.89 @29.1°C	---	6.5-9.0	Electrometric	06 Nov 2024	MGF
Phosphate	0.75	mg/L	2.0	Stannous Chloride	07 Nov 2024	RRM
Surfactants (MBAS)	<0.05	mg/L	3.0	Anionic Surfactants as MBAS	06 Nov 2024	MMS

Sample ID: **S24-K06-049W** Sampling Date: **06 Nov 2024**
Sample Description: **Influent** Sampling Time: **10:51 AM**
Sample Matrix: **Wastewater** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	3.3X10 ⁸	MPN/100 mL	---	Multiple Tube Fermentation Technique	06 Nov 2024 @06:05PM	JFS
Ammonia as NH ₃ -N	3.5	mg/L	---	Phenate	07 Nov 2024	MMS
Biochemical Oxygen Demand (BOD ₅)	22	mg/L	---	5-Day BOD Test	07 Nov-12 Nov 2024	TGG
Nitrate as NO ₃ -N	0.13	mg/L	---	Colorimetric, Brucine	06 Nov 2024	KTD
Oil and Grease	15	mg/L	---	Liquid-Liquid, Partition Gravimetric	12 Nov 2024	KTD
pH (on-site)	7.41 @28.8°C	---	---	Electrometric	06 Nov 2024	MGF
Phosphate	0.75	mg/L	---	Stannous Chloride	07 Nov 2024	RRM
Surfactants (MBAS)	0.13	mg/L	---	Anionic Surfactants as MBAS	06 Nov 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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