

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

Laboratory: 10 Quezon Road, San Isidro, San Simon, Pampanga

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DOH Accreditation No.03-002-21-LW-2 Valid until December 31, 2023

DENR C.R.No. 074/2021 Valid until September 28, 2024

TEST REPORTClient: **Manila Water Philippine Ventures (MWPV)**Test Report No.: **TR-21K-202**Address: **Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Diliman, Quezon City**Date and Time Received: **03 Nov 2021 @03:30PM**Contact Person: **Ms. Florisza I. Faustino**Sampled By: **ECHEM**COC Number: **2021-K0034**Report Date: **15 Nov 2021**

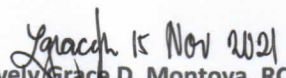
Sample ID:	S21-K03-098W	Sampling Date:	03 Nov 2021
Sample Description:	Effluent	Sampling Time:	08:30 AM
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan

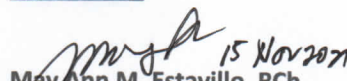
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Fecal Coliform	<1.8	MPN/100 mL	400	Multiple Tube Fermentation Technique	03 Nov 2021 @04:36PM	AHP
Ammonia as NH ₃ -N	0.005	mg/L	4.0	Phenate	04 Nov 2021	TGG
Biochemical Oxygen Demand (BOD ₅)	3	mg/L	50	5-Day BOD Test	04 Nov- 09 Nov 2021	JSS
Nitrate as NO ₃ -N	3.0	mg/L	14	Colorimetric, Brucine	03 Nov 2021	JSS
Oil and Grease	<1	mg/L	5	Liquid-Liquid, Partition Gravimetric	08 Nov 2021	TGG
pH (on-site)	7.78 @27.9°C	---	6.0-9.5	Electrometric	03 Nov 2021	HBV
Phosphate	0.39	mg/L	4.0	Stannous Chloride	04 Nov 2021	RRM
Surfactants (MBAS)	0.10	mg/L	15	Anionic Surfactants as MBAS	05 Nov 2021	RRM

Notes & References:*Standard Methods for the Examination of Water and Wastewater, 23rd Edition.**Water Quality Guidelines and General Effluent Standards of 2016, DENR Administrative Order No. 2016-08, Class C Effluent.**Water Quality Guidelines and General Effluent Standards of 2021, DENR Administrative Order No. 2021-19, Class C Effluent.***Certified by:**


Anita H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Approved by:


Lovely Grace D. Montoya, RCh
 Chemist, PRC No. 13651


May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No.8652

Test results written in this report are based on the samples as received by the laboratory. No alteration or modification of this test report shall be binding against Echem unless in writing and signed by a duly authorized representative of the company. This report shall not be reproduced, except in full, without the written permission from the laboratory.

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TEST REPORT

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 Address: **Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Diliman, Quezon City** Date and Time Received: **03 Nov 2021 @03:30PM**
 Contact Person: **Ms. Florisza I. Faustino** Sampled By: **ECHEM**
 COC Number: **2021-K0034** Report Date: **15 Nov 2021**


Sample ID: **S21-K03-099W** Sampling Date: **03 Nov 2021**
 Sample Description: **Influent** Sampling Time: **08:45 AM**
 Sample Matrix: **Wastewater** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Method	Date Analyzed	Analyst
Fecal Coliform	540,000	MPN/100 mL	Multiple Tube Fermentation Technique	03 Nov 2021 @04:41PM	AHP
Ammonia as NH ₃ -N	4.0	mg/L	Phenate	04 Nov 2021	TGG
Biochemical Oxygen Demand (BOD ₅)	4	mg/L	5-Day BOD Test	04 Nov- 09 Nov 2021	JSS
Nitrate as NO ₃ -N	0.22	mg/L	Colorimetric, Brucine	03 Nov 2021	JSS
Oil and Grease	4	mg/L	Liquid-Liquid, Partition Gravimetric	08 Nov 2021	TGG
pH (on-site)	6.61 @27.6°C	---	Electrometric	03 Nov 2021	HBV
Phosphate	0.56	mg/L	Stannous Chloride	04 Nov 2021	RRM
Surfactants (MBAS)	0.19	mg/L	Anionic Surfactants as MBAS	05 Nov 2021	RRM

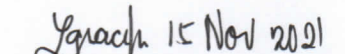
Notes & References:


Standard Methods for the Examination of Water and Wastewater, 23rd Edition.

Certified by:


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