

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

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

Satellite Office: G/F ASCORP Bldg., Mc Arthur Highway, Dolores, City of San Fernando, Pampanga

Sales: 0942-316-2538 • 0945-798-6962 | (045) 435-2795

Email: echemenvironmental@gmail.com

Technical: 0917-507-8753 • 0917-164-2944

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**Test Report No.: **TR-23B-181**Address: **Level 3, 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Avenue, Diliman, Quezon City**Date and Time Received: **06 Feb 2023 @04:30PM**Contact Person: **Ms. Florisza I. Faustino**Sampled By: **ECHEM**COC Number: **2023-B0056**Report Date: **17 Feb 2023**

Sample ID: S23-B06-040W				Sampling Date: 06 Feb 2023		
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	2.0	MPN/100 mL	200	Multiple Tube Fermentation Technique	06 Feb 2023 @04:50PM	AHP
Ammonia as NH ₃ -N	0.02	mg/L	3.0	Phenate	08 Feb 2023	KTD
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	08 Feb-13 Feb 2023	MCD
Nitrate as NO ₃ -N	0.73	mg/L	20	Colorimetric, Brucine	07 Feb 2023	RRM
Oil and Grease	<1	mg/L	5	Liquid-Liquid, Partition Gravimetric	10 Feb 2023	RRM
pH (on-site)	7.62 @27.4°C	---	6.0-9.5	Electrometric	06 Feb 2023	MGF
Phosphate	1.1	mg/L	2.0	Stannous Chloride	07 Feb 2023	TGG
Surfactants (MBAS)	0.04	mg/L	3.0	Anionic Surfactants as MBAS	07 Feb 2023	KTD

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 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 Feb 2023
Anita H. Pineda, RMT
Medical Technologist, PRC No. 52546

Certified & Approved by:

May Ann M. Estavillo 17 Feb 2023
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.

Not valid without
company seal



TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)** Test Report No.: **TR-23B-181**
Address: **Level 3, 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Avenue, Dilliman, Quezon City** Date and Time Received: **06 Feb 2023 @04:30PM**
Contact Person: **Ms. Florisza I. Faustino** Sampled By: **ECHEM**
COC Number: **2023-B0056** Report Date: **17 Feb 2023**

Sample ID: **S23-B06-041W** Sampling Date: **06 Feb 2023**
Sample Description: **Influent** Sampling Time: **12:04 PM**
Sample Matrix: **Wastewater** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Method	Date Analyzed	Analyst
Fecal Coliform	>1.6x10⁷	MPN/100 mL	Multiple Tube Fermentation Technique	06 Feb 2023 @04:56PM	AHP
Ammonia as NH ₃ -N	37	mg/L	Phenate	08 Feb 2023	KTD
Biochemical Oxygen Demand (BOD ₅)	207	mg/L	5-Day BOD Test	08 Feb-13 Feb 2023	MCD
Nitrate as NO ₃ -N	<0.10	mg/L	Colorimetric, Brucine	07 Feb 2023	RRM
Oil and Grease	5	mg/L	Liquid-Liquid, Partition Gravimetric	10 Feb 2023	RRM
pH (on-site)	7.26 @27.5°C	---	Electrometric	06 Feb 2023	MGF
Phosphate	4.1	mg/L	Stannous Chloride	07 Feb 2023	TGG
Surfactants (MBAS)	4.3	mg/L	Anionic Surfactants as MBAS	07 Feb 2023	KTD

Notes & References:

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

Certified by:

 17 Feb 2023
Anita H. Pineda, RMT
Medical Technologist, PRC No. 52546

Certified & Approved by:

 17 Feb 2023
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.

Not valid without
company seal