



Echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

Laboratory: 10 Quezon Road, San Isidro, 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: 0917-164-2927 • 0917-164-2944

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 REPORT

Client:	Manila Water Philippine Ventures (MWPV)	Test Report No.:	TR-22D-143
Address:	Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Diliman, Quezon City	Date and Time Received:	04 Apr 2022 @03:20PM
Contact Person:	Ms. Florisza I. Faustino	Sampled By:	ECHEM
COC Number:	2022-D0059	Report Date:	12 Apr 2022

Sample ID:	S22-D04-126W	Sampling Date:	04 Apr 2022
Sample Description:	Effluent	Sampling Time:	12:08 PM
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	04 Apr 2022 @04:55PM	AHP
Ammonia as NH ₃ -N	0.02	mg/L	3.0	Phenate	05 Apr 2022	JSS
Biochemical Oxygen Demand (BOD ₅)	<2	mg/L	30	5-Day BOD Test	06 Apr-11 Apr 2022	RRM
Nitrate as NO ₃ -N	1.3	mg/L	20	Colorimetric, Brucine	05 Apr 2022	CSF
Oil and Grease	2	mg/L	5	Liquid-Liquid, Partition Gravimetric	07 Apr 2022	JSS
pH (on-site)	7.79 @29.2°C	---	6.0-9.5	Electrometric	04 Apr 2022	MGF
Phosphate	0.06	mg/L	2.0	Stannous Chloride	05 Apr 2022	MCD
Surfactants (MBAS)	0.07	mg/L	3.0	Anionic Surfactants as MBAS	05 Apr 2022	JSS

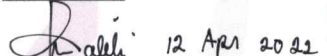
Notes & References:

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, 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

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TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
Address: Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Dilliman, Quezon City
Contact Person: **Ms. Florisza I. Faustino**
COC Number: **2022-D0059**

Test Report No.: **TR-22D-143**
Date and Time Received: **04 Apr 2022 @03:20PM**
Sampled By: **ECHEM**
Report Date: **12 Apr 2022**

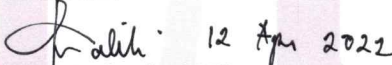
Sample ID:	S22-D04-127W	Sampling Date:	04 Apr 2022
Sample Description:	Influent	Sampling Time:	12:15 PM
Sample Matrix:	Wastewater	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Method	Date Analyzed	Analyst
Fecal Coliform	>1.6x10⁷	MPN/100 mL	Multiple Tube Fermentation Technique	04 Apr 2022 @05:00PM	AHP
Ammonia as NH ₃ -N	47	mg/L	Phenate	05 Apr 2022	JSS
Biochemical Oxygen Demand (BOD ₅)	124	mg/L	5-Day BOD Test	06 Apr-11 Apr 2022	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	Colorimetric, Brucine	05 Apr 2022	CSF
Oil and Grease	16	mg/L	Liquid-Liquid, Partition Gravimetric	07 Apr 2022	JSS
pH (on-site)	6.40 @29.4°C	---	Electrometric	04 Apr 2022	MGF
Phosphate	3	mg/L	Stannous Chloride	05 Apr 2022	MCD
Surfactants (MBAS)	3.3	mg/L	Anionic Surfactants as MBAS	05 Apr 2022	JSS

Notes & References:

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

Certified by:


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

Approved by:


Lovely Grace D. Montoya, RCh
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