



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

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: **Ms. Florisza I. Faustino**
 COC Number: **2024-E0009**

Test Report No.: **TR-24E-102**
 Date and Time Received: **02 May 2024 @04:30PM**
 Sampled By: **ECHEM**
 Report Date: **09 May 2024**

Sample ID: **S24-E02-025D** Sampling Date: **02 May 2024**
 Sample Description: **N5** Sampling Time: **08:45 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @04:42PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:42PM	AHP
Heterotrophic Plate Count (HPC)	2	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:42PM	AHP

Sample ID: **S24-E02-027D** Sampling Date: **02 May 2024**
 Sample Description: **SRCC Boston** Sampling Time: **09:01 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @04:48PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:48PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:48PM	AHP

Sample ID: **S24-E02-028D** Sampling Date: **02 May 2024**
 Sample Description: **N4** Sampling Time: **09:10 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @04:51PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:51PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:51PM	AHP

Sample ID: **S24-E02-029D** Sampling Date: **02 May 2024**
 Sample Description: **N7** Sampling Time: **09:18 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @04:54PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:54PM	AHP
Heterotrophic Plate Count (HPC)	2	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:54PM	AHP

Sample ID: **S24-E02-030D** Sampling Date: **02 May 2024**
 Sample Description: **Tulfo Residence** Sampling Time: **09:26 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @04:57PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:57PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:57PM	AHP



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

Sample ID:	S24-E02-032D	Sampling Date:	02 May 2024
Sample Description:	N2	Sampling Time:	09:38 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:03PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:03PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:03PM	AHP

Sample ID:	S24-E02-033D	Sampling Date:	02 May 2024
Sample Description:	N1	Sampling Time:	09:44 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:06PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:06PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:06PM	AHP

Sample ID:	S24-E02-034D	Sampling Date:	02 May 2024
Sample Description:	N3	Sampling Time:	09:50 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:09PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:09PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:09PM	AHP

Sample ID:	S24-E02-036D	Sampling Date:	02 May 2024
Sample Description:	S2A	Sampling Time:	10:10 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:15PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:15PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:15PM	AHP

Sample ID:	S24-E02-037D	Sampling Date:	02 May 2024
Sample Description:	S1	Sampling Time:	10:17 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:18PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:18PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:18PM	AHP

Sample ID:	S24-E02-038D	Sampling Date:	02 May 2024
Sample Description:	BNC Pawikan	Sampling Time:	10:28 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:21PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:21PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:21PM	AHP



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

Sample ID:	S24-E02-039D	Sampling Date:	02 May 2024
Sample Description:	Villas	Sampling Time:	10:35 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:24PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:24PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:24PM	AHP

Sample ID:	S24-E02-040D	Sampling Date:	02 May 2024
Sample Description:	BNC Back Door	Sampling Time:	10:42 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:27PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:27PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:27PM	AHP

Sample ID:	S24-E02-041D	Sampling Date:	02 May 2024
Sample Description:	Beech Croft	Sampling Time:	10:59 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:30PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:30PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:30PM	AHP

Sample ID:	S24-E02-043D	Sampling Date:	02 May 2024
Sample Description:	Sports Center Common Area	Sampling Time:	11:14 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:36PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:36PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:36PM	AHP

Sample ID:	S24-E02-044D	Sampling Date:	02 May 2024
Sample Description:	Sports Center Kitchen	Sampling Time:	11:18 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:39PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:39PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:39PM	AHP

Sample ID:	S24-E02-045D	Sampling Date:	02 May 2024
Sample Description:	Golf Kitchen	Sampling Time:	11:36 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:42PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:42PM	AHP
Heterotrophic Plate Count (HPC)	7	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:42PM	AHP



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

Sample ID:	S24-E02-046D	Sampling Date:	02 May 2024
Sample Description:	Caddie	Sampling Time:	11:42 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E. coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:45PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:45PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:45PM	AHP

Sample ID:	S24-E02-049D	Sampling Date:	02 May 2024
Sample Description:	N9	Sampling Time:	11:59 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E. coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:54PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:54PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:54PM	AHP

Sample ID:	S24-E02-050D	Sampling Date:	02 May 2024
Sample Description:	SBV Condo	Sampling Time:	12:05 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E. coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:57PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:57PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:57PM	AHP

Sample ID:	S24-E02-053D	Sampling Date:	02 May 2024
Sample Description:	NGB	Sampling Time:	12:27 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E. coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @06:06PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:06PM	AHP
Heterotrophic Plate Count (HPC)	2	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:06PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 24th Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

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

Approved by:

May Ann M. Estavillo
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



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

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)** Test Report No.: **TR-24E-102**
 Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City** Date and Time Received: **02 May 2024 @04:30PM**
 Contact Person: **Ms. Florisza I. Faustino** Sampled By: **ECHEM**
 COC Number: **2024-E0009** Report Date: **09 May 2024**

Sample ID: **S24-E02-026D** Sampling Date: **02 May 2024**
 Sample Description: **Deepwell 13** Sampling Time: **08:50 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @04:45PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:45PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @04:45PM	AHP

Sample ID: **S24-E02-035D** Sampling Date: **02 May 2024**
 Sample Description: **Deepwell 7** Sampling Time: **10:02 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:12PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:12PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:12PM	AHP

Sample ID: **S24-E02-042D** Sampling Date: **02 May 2024**
 Sample Description: **Deepwell 5** Sampling Time: **11:01 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:33PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:33PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:33PM	AHP

Sample ID: **S24-E02-047D** Sampling Date: **02 May 2024**
 Sample Description: **Deepwell 8** Sampling Time: **11:49 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:48PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:48PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:48PM	AHP

Sample ID: **S24-E02-048D** Sampling Date: **02 May 2024**
 Sample Description: **Deepwell 9** Sampling Time: **11:53 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:51PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:51PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:51PM	AHP



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

Sample ID:	S24-E02-052D	Sampling Date:	02 May 2024
Sample Description:	Deepwell 10	Sampling Time:	12:19 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @06:03PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:03PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:03PM	AHP

Sample ID:	S24-E02-054D	Sampling Date:	02 May 2024
Sample Description:	Deepwell 11	Sampling Time:	12:33 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @06:09PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:09PM	AHP
Heterotrophic Plate Count (HPC)	2	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:09PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 24th Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Anita H. Pineda 09 May 2024
Anita H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 02 May 2024
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



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

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: **Ms. Florisza I. Faustino**
 COC Number: **2024-E0009**

Test Report No.: **TR-24E-102**
 Date and Time Received: **02 May 2024 @04:30PM**
 Sampled By: **ECHEM**
 Report Date: **09 May 2024**

Sample ID:	S24-E02-031D	Sampling Date:	02 May 2024
Sample Description:	Reservoir 1	Sampling Time:	09:31 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @05:00PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:00PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @05:00PM	AHP

Sample ID:	S24-E02-051D	Sampling Date:	02 May 2024
Sample Description:	Reservoir 2	Sampling Time:	12:12 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 May 2024 @06:00PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:00PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 May 2024 @06:26PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 May 2024 @06:00PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 24th Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

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

Approved by:

May Ann M. Estavillo
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