

**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: cchemenvironmental@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: **Mr. John Michael M. De Guzman**
COC Number: **2024-K0057**

Test Report No.: **TR-24K-136**
Date and Time Received: **06 Nov 2024 @04:45PM**
Sampled By: **ECHEM**
Report Date: **14 Nov 2024**

Sample ID:	S24-K06-050D	Sampling Date:	06 Nov 2024
Sample Description:	N5	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)	06 Nov 2024 @05:50PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:50PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:50PM	AHP

Sample ID:	S24-K06-052D	Sampling Date:	06 Nov 2024
Sample Description:	SRCC Boston	Sampling Time:	09:40 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)	06 Nov 2024 @05:56PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:56PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:56PM	AHP

Sample ID:	S24-K06-053D	Sampling Date:	06 Nov 2024
Sample Description:	N4	Sampling Time:	09:35 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)	06 Nov 2024 @05:59PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:59PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:59PM	AHP

Sample ID:	S24-K06-054D	Sampling Date:	06 Nov 2024
Sample Description:	N7	Sampling Time:	09:30 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)	06 Nov 2024 @06:02PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:02PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:02PM	AHP

Sample ID:	S24-K06-055D	Sampling Date:	06 Nov 2024
Sample Description:	Tulfo Residence	Sampling Time:	09:20 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)	06 Nov 2024 @06:05PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:05PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:05PM	AHP

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Sample ID: S24-K06-057D		Sampling Date: 06 Nov 2024					
Sample Description: N2		Sampling Time: 11:44 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)	06 Nov 2024 @06:11PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:11PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:11PM	AHP

Sample ID: S24-K06-058D		Sampling Date: 06 Nov 2024					
Sample Description: N1		Sampling Time: 12:24 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)	06 Nov 2024 @06:14PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:14PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:14PM	AHP

Sample ID: S24-K06-059D		Sampling Date: 06 Nov 2024					
Sample Description: N3		Sampling Time: 11:48 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)	06 Nov 2024 @06:17PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:17PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:17PM	AHP

Sample ID: S24-K06-061D		Sampling Date: 06 Nov 2024					
Sample Description: S2A		Sampling Time: 12:15 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)	06 Nov 2024 @06:23PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:23PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:23PM	AHP

Sample ID: S24-K06-062D		Sampling Date: 06 Nov 2024					
Sample Description: S1		Sampling Time: 12:09 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)	06 Nov 2024 @06:26PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:26PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:26PM	AHP

Sample ID: S24-K06-063D		Sampling Date: 06 Nov 2024					
Sample Description: BNC Pawikan		Sampling Time: 11:37 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)	06 Nov 2024 @06:29PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:29PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:29PM	AHP



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Sample ID:	S24-K06-064D	Sampling Date:	06 Nov 2024
Sample Description:	Villas	Sampling Time:	11:30 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)	06 Nov 2024 @06:32PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:32PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:32PM	AHP

Sample ID:	S24-K06-065D	Sampling Date:	06 Nov 2024
Sample Description:	BNC Back Door	Sampling Time:	11:24 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)	06 Nov 2024 @06:35PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:35PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:35PM	AHP

Sample ID:	S24-K06-066D	Sampling Date:	06 Nov 2024
Sample Description:	Beech Craft	Sampling Time:	11:20 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)	06 Nov 2024 @06:38PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:38PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:38PM	AHP

Sample ID:	S24-K06-068D	Sampling Date:	06 Nov 2024
Sample Description:	Sports Center Common Area	Sampling Time:	11:04 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)	06 Nov 2024 @06:44PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:44PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:44PM	AHP

Sample ID:	S24-K06-069D	Sampling Date:	06 Nov 2024
Sample Description:	Sports Center Kitchen	Sampling Time:	10:59 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)	06 Nov 2024 @06:47PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:47PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:47PM	AHP

Sample ID:	S24-K06-070D	Sampling Date:	06 Nov 2024
Sample Description:	Golf Kitchen	Sampling Time:	10:39 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)	06 Nov 2024 @06:50PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:50PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:50PM	AHP



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Sample ID: S24-K06-071D		Sampling Date: 06 Nov 2024					
Sample Description: Caddie		Sampling Time: 10:34 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)	06 Nov 2024 @06:53PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:53PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:53PM	AHP

Sample ID: S24-K06-074D		Sampling Date: 06 Nov 2024					
Sample Description: N9		Sampling Time: 10:19 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)	06 Nov 2024 @07:02PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:02PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:02PM	AHP

Sample ID: S24-K06-075D		Sampling Date: 06 Nov 2024					
Sample Description: SBV Condo		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)	06 Nov 2024 @07:05PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:05PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:05PM	AHP

Sample ID: S24-K06-078D		Sampling Date: 06 Nov 2024					
Sample Description: N6B		Sampling Time: 10:01 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)	06 Nov 2024 @07:14PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:14PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:14PM	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 14 Nov 2024
Anita H. Pineda, RMT
Chief Microbiologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 14 Nov 2024
May Ann M. Estavillo, RCH
General Manager, PRC No. 8652

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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-K0057**

Test Report No.: **TR-24K-136**
Date and Time Received: **06 Nov 2024 @04:45PM**
Sampled By: **ECHEM**
Report Date: **14 Nov 2024**

Sample ID:	S24-K06-051D	Sampling Date:	06 Nov 2024
Sample Description:	Deepwell 13	Sampling Time:	09:46 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)	06 Nov 2024 @05:53PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:53PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @05:53PM	AHP

Sample ID:	S24-K06-060D	Sampling Date:	06 Nov 2024
Sample Description:	Deepwell 7	Sampling Time:	12:01 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)	06 Nov 2024 @06:20PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:20PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:20PM	AHP

Sample ID:	S24-K06-067D	Sampling Date:	06 Nov 2024
Sample Description:	Deepwell 5	Sampling Time:	11:13 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)	06 Nov 2024 @06:41PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:41PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:41PM	AHP

Sample ID:	S24-K06-072D	Sampling Date:	06 Nov 2024
Sample Description:	Deepwell 8	Sampling Time:	10:29 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)	06 Nov 2024 @06:56PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:56PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:56PM	AHP

Sample ID:	S24-K06-073D	Sampling Date:	06 Nov 2024
Sample Description:	Deepwell 9	Sampling Time:	10:24 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)	06 Nov 2024 @06:59PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:59PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:59PM	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-K06-077D**Sampling Date: **06 Nov 2024**Sample Description: **Deepwell 10**Sampling Time: **10:14 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)	06 Nov 2024 @07:11PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:11PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:11PM	AHP

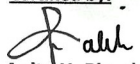
Sample ID: **S24-K06-079D**Sampling Date: **06 Nov 2024**Sample Description: **Deepwell 11**Sampling Time: **09:53 AM**Sample Matrix: **Drinking Water**Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	06 Nov 2024 @07:17PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:17PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:17PM	AHP

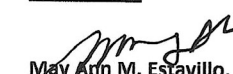
Notes & References:

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

Certified by:


Anita H. Pineda, RMT
Chief Microbiologist, PRC No. 52546

Approved by:


May Ann M. Estavillo, RCh
General Manager, PRC No. 8652

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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: **Mr. John Michael M. De Guzman**
COC Number: **2024-K0057**

Test Report No.: **TR-24K-136**
Date and Time Received: **06 Nov 2024 @04:45PM**
Sampled By: **ECHEM**
Report Date: **14 Nov 2024**

Sample ID:	S24-K06-056D	Sampling Date:	06 Nov 2024
Sample Description:	Reservoir 1	Sampling Time:	09:25 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)	06 Nov 2024 @06:08PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:08PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @06:08PM	AHP

Sample ID:	S24-K06-076D	Sampling Date:	06 Nov 2024
Sample Description:	Reservoir 2	Sampling Time:	10:05 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)	06 Nov 2024 @07:08PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:08PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	06 Nov 2024 @07:30PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	06 Nov 2024 @07:08PM	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 14 Nov 2024
Anita H. Pineda, RMT
Chief Microbiologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 14 Nov 2024
May Ann M. Estavillo, RCh
General Manager, PRC No.8652

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