



# 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  
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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)** Test Report No.: **TR-24J-207**  
 Address: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City** Date and Time Received: **02 Oct 2024 @05:15PM**  
 Contact Person: **Mr. John Michael M. De Guzman** Sampled By: **ECHEM**  
 COC Number: **2024-J0047** Report Date: **14 Oct 2024**

Sample ID: **S24-J02-059D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Golf Kitchen** Sampling Time: **12:13 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:01PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:01PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>5</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:01PM	AHP

Sample ID: **S24-J02-060D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Caddie** Sampling Time: **12:19 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:04PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:04PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:04PM	AHP

Sample ID: **S24-J02-063D** Sampling Date: **02 Oct 2024**  
 Sample Description: **N9** Sampling Time: **12:47 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:13PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:13PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:13PM	AHP

Sample ID: **S24-J02-067D** Sampling Date: **02 Oct 2024**  
 Sample Description: **N6B** Sampling Time: **01:14 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:25PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:25PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:25PM	AHP

Sample ID: **S24-J02-070D** Sampling Date: **02 Oct 2024**  
 Sample Description: **S2A** Sampling Time: **11:13 AM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:34PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:34PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:34PM	AHP



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Sample ID:	<b>S24-J02-071D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>S1</b>	Sampling Time:	<b>11:19 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:37PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:37PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:37PM	AHP

Sample ID:	<b>S24-J02-072D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>BNC Pawikan</b>	Sampling Time:	<b>11:31 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:40PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:40PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:40PM	AHP

Sample ID:	<b>S24-J02-073D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Villas</b>	Sampling Time:	<b>11:38 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:43PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:43PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>7</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:43PM	AHP

Sample ID:	<b>S24-J02-074D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>BNC Back Door</b>	Sampling Time:	<b>11:45 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:46PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:46PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>3</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:46PM	AHP

Sample ID:	<b>S24-J02-075D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Beech Craft</b>	Sampling Time:	<b>11:49 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:49PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:49PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:49PM	AHP

Sample ID:	<b>S24-J02-077D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Sports Center Common Area</b>	Sampling Time:	<b>12:01 PM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:55PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:55PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>13</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:55PM	AHP



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Sample ID:	<b>S24-J02-078D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Sports Center Kitchen</b>	Sampling Time:	<b>12:07 PM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:58PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:58PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:58PM	AHP

Sample ID:	<b>S24-J02-079D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>N5</b>	Sampling Time:	<b>09:53 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:01PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:01PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:01PM	AHP

Sample ID:	<b>S24-J02-081D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>SRCC Boston</b>	Sampling Time:	<b>10:12 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:07PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:07PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:07PM	AHP

Sample ID:	<b>S24-J02-082D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>N4</b>	Sampling Time:	<b>10:20 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:10PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:10PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>10</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:10PM	AHP

Sample ID:	<b>S24-J02-083D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>N7</b>	Sampling Time:	<b>10:25 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:13PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:13PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:13PM	AHP

Sample ID:	<b>S24-J02-084D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Tulfo Residence</b>	Sampling Time:	<b>10:29 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:16PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:16PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:16PM	AHP



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Sample ID:	<b>S24-J02-086D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>N2</b>	Sampling Time:	<b>10:39 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E. coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:22PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:22PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:22PM	AHP

Sample ID:	<b>S24-J02-087D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>N1</b>	Sampling Time:	<b>10:42 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E. coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:25PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:25PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:25PM	AHP

Sample ID:	<b>S24-J02-088D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>N3</b>	Sampling Time:	<b>10:45 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E. coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:28PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:28PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:28PM	AHP

### Notes & References:

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

Certified by:

**Anjita H. Pineda, RMT**  
 Chief Microbiologist, PRC No. 52546

Approved by:

**MayAnn M. Estavillo, RCh**  
 General Manager, PRC No. 8652

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## TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)** Test Report No.: **TR-241-207**  
 Address: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City** Date and Time Received: **02 Oct 2024 @05:15PM**  
 Contact Person: **Mr. John Michael M. De Guzman** Sampled By: **ECHEM**  
 COC Number: **2024-J0047** Report Date: **14 Oct 2024**

Sample ID: **S24-J02-061D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Deepwell 8** Sampling Time: **12:30 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:07PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:07PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:07PM	AHP

Sample ID: **S24-J02-062D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Deepwell 9** Sampling Time: **12:40 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:10PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:10PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:10PM	AHP

Sample ID: **S24-J02-066D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Deepwell 10** Sampling Time: **01:09 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:22PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:22PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>3</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:22PM	AHP

Sample ID: **S24-J02-068D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Deepwell 11** Sampling Time: **01:20 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:28PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:28PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:28PM	AHP

Sample ID: **S24-J02-069D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Deepwell 7** Sampling Time: **11:04 AM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MIFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:31PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:31PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:31PM	AHP



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 Sales: 0942-316-2538 • 0945-798-6962 | (045) 435-2795 Email: echemenvironmental@gmail.com  
 Technical: 0917-507-8753 • 0917-164-2944

Sample ID:	<b>S24-J02-076D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Deepwell 5</b>	Sampling Time:	<b>11:54 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

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 Oct 2024 @07:52PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:52PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:52PM	AHP


Sample ID:	<b>S24-J02-080D</b>	Sampling Date:	<b>02 Oct 2024</b>
Sample Description:	<b>Deepwell 13</b>	Sampling Time:	<b>10:01 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

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 Oct 2024 @08:04PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:04PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:04PM	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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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: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City**  
 Contact Person: **Mr. John Michael M. De Guzman**  
 COC Number: **2024-J0047**

Test Report No.: **TR-24J-207**  
 Date and Time Received: **02 Oct 2024 @05:15PM**  
 Sampled By: **ECHEM**  
 Report Date: **14 Oct 2024**

Sample ID: **S24-J02-065D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Reservoir 2** Sampling Time: **01:02 PM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @07:19PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:19PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @07:19PM	AHP

Sample ID: **S24-J02-085D** Sampling Date: **02 Oct 2024**  
 Sample Description: **Reservoir 1** Sampling Time: **10:33 AM**  
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	02 Oct 2024 @08:19PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:19PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	02 Oct 2024 @08:40PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	02 Oct 2024 @08:19PM	AHP

### Notes & References:

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

### Certified by:

**Anja H. Pineda, RMT**  
 Chief Microbiologist, PRC No. 52546

### Approved by:

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

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## TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**  
Address: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City**  
Contact Person: **Mr. John Michael M. De Guzman**  
COC Number: **2024-J0271**

Test Report No.: **TR-24J-392**  
Date and Time Received: **21 Oct 2024 @05:25PM**  
Sampled By: **ECHEM**  
Report Date: **28 Oct 2024**


Sample ID:	<b>S24-J21-025D</b>	Sampling Date:	<b>21 Oct 2024</b>
Sample Description:	<b>SBV Condo</b>	Sampling Time:	<b>11:10 AM</b>
Sample Matrix:	<b>Drinking Water</b>	Sampling Location:	<b>Anvaya Cove, Morong, Bataan</b>

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	21 Oct 2024 @06:00PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	21 Oct 2024 @06:00PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>6</b>	CFU/mL	< 500	PASSED	Pour Plate	21 Oct 2024 @06:10PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	21 Oct 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:

  
Arnie H. Pineda, RMT  
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