



# 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: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City**  
 Contact Person: **Ms. Florisza I. Faustino**  
 COC Number: **2023-L0125**

Test Report No.: **TR-23L-181**  
 Date and Time Received: **07 Dec 2023 @04:10PM**  
 Sampled By: **ECHEM**  
 Report Date: **14 Dec 2023**

Sample ID: **S23-L07-009D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N5** Sampling Time: **09:55 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)	07 Dec 2023 @05:20PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:20PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:20PM	AHP

Sample ID: **S23-L07-010D** Sampling Date: **07 Dec 2023**  
 Sample Description: **SRCC Boston** Sampling Time: **10:04 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	MTFT Thermotolerant Coliform Test (EC Medium)	07 Dec 2023 @05:23PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:23PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:23PM	AHP

Sample ID: **S23-L07-011D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N4** Sampling Time: **10:11 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)	07 Dec 2023 @05:26PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:26PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:26PM	AHP

Sample ID: **S23-L07-012D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N7** Sampling Time: **10:20 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)	07 Dec 2023 @05:29PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:29PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:29PM	AHP

Sample ID: **S23-L07-013D** Sampling Date: **07 Dec 2023**  
 Sample Description: **Tulfo Residence** Sampling Time: **10:27 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)	07 Dec 2023 @05:32PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:32PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:32PM	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](mailto:echemenvironmental@gmail.com)  
 Technical: 0917-507-8753 • 0917-164-2944

Sample ID: **S23-L07-015D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N2** Sampling Time: **10:38 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)	07 Dec 2023 @05:38PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:38PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>6</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:38PM	AHP

Sample ID: **S23-L07-016D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N1** Sampling Time: **10:44 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)	07 Dec 2023 @05:41PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:41PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:41PM	AHP

Sample ID: **S23-L07-017D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N3** Sampling Time: **10:51 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)	07 Dec 2023 @05:44PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:44PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:44PM	AHP

Sample ID: **S23-L07-019D** Sampling Date: **07 Dec 2023**  
 Sample Description: **S1** Sampling Time: **11:12 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)	07 Dec 2023 @05:50PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:50PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:50PM	AHP

Sample ID: **S23-L07-020D** Sampling Date: **07 Dec 2023**  
 Sample Description: **S2A** Sampling Time: **11:19 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)	07 Dec 2023 @05:53PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:53PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:53PM	AHP

Sample ID: **S23-L07-021D** Sampling Date: **07 Dec 2023**  
 Sample Description: **BNC Pawikan** Sampling Time: **11:26 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)	07 Dec 2023 @05:56PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:56PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:56PM	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](mailto:echemenvironmental@gmail.com)  
 Technical: 0917-507-8753 • 0917-164-2944

Sample ID: <b>S23-L07-022D</b>		Sampling Date: <b>07 Dec 2023</b>					
Sample Description: <b>Beech Craft</b>		Sampling Time: <b>11:32 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)	07 Dec 2023 @05:59PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:59PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:59PM	AHP
Sample ID: <b>S23-L07-023D</b>		Sampling Date: <b>07 Dec 2023</b>					
Sample Description: <b>Villas</b>		Sampling Time: <b>11:37 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)	07 Dec 2023 @06:02PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:02PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:02PM	AHP
Sample ID: <b>S23-L07-024D</b>		Sampling Date: <b>07 Dec 2023</b>					
Sample Description: <b>BNC Back Door</b>		Sampling Time: <b>11:42 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)	07 Dec 2023 @06:05PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:05PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:05PM	AHP
Sample ID: <b>S23-L07-026D</b>		Sampling Date: <b>07 Dec 2023</b>					
Sample Description: <b>Sports Center Common Area</b>		Sampling Time: <b>11:56 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)	07 Dec 2023 @06:11PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:11PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:11PM	AHP
Sample ID: <b>S23-L07-027D</b>		Sampling Date: <b>07 Dec 2023</b>					
Sample Description: <b>Sports Center Kitchen</b>		Sampling Time: <b>11:59 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)	07 Dec 2023 @06:14PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:14PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:14PM	AHP
Sample ID: <b>S23-L07-028D</b>		Sampling Date: <b>07 Dec 2023</b>					
Sample Description: <b>Golf Kitchen</b>		Sampling Time: <b>12:28 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)	07 Dec 2023 @06:17PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:17PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:17PM	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](mailto:echemenvironmental@gmail.com)  
 Technical: 0917-507-8753 • 0917-164-2944

Sample ID: **S23-L07-029D** Sampling Date: **07 Dec 2023**  
 Sample Description: **Caddie** Sampling Time: **12:33 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)	07 Dec 2023 @06:20PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:20PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:20PM	AHP

Sample ID: **S23-L07-032D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N9** Sampling Time: **12:54 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)	07 Dec 2023 @06:29PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:29PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:29PM	AHP

Sample ID: **S23-L07-034D** Sampling Date: **07 Dec 2023**  
 Sample Description: **N6B** Sampling Time: **01:12 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)	07 Dec 2023 @06:35PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:35PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:35PM	AHP

Sample ID: **S23-L07-035D** Sampling Date: **07 Dec 2023**  
 Sample Description: **SBV Condo** 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)	07 Dec 2023 @06:38PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:38PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:38PM	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](mailto: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:** 3<sup>rd</sup> Floor, One Jorama Place, Congressional Avenue, Quezon City  
**Contact Person:** Ms. Florisza I. Faustino  
**COC Number:** 2023-L0125

**Test Report No.:** TR-23L-181  
**Date and Time Received:** 07 Dec 2023 @04:10PM  
**Sampled By:** ECHEM  
**Report Date:** 14 Dec 2023

<b>Sample ID:</b> S23-L07-018D		<b>Sampling Date:</b> 07 Dec 2023					
<b>Sample Description:</b> Deepwell 7		<b>Sampling Time:</b> 11:00 AM					
<b>Sample Matrix:</b> Drinking Water		<b>Sampling Location:</b> Anvaya Cove, Morong, Bataan					
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	07 Dec 2023 @05:47PM	AHP
<b>Thermotolerant Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:47PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<1	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:47PM	AHP

<b>Sample ID:</b> S23-L07-025D		<b>Sampling Date:</b> 07 Dec 2023					
<b>Sample Description:</b> Deepwell 5		<b>Sampling Time:</b> 11:51 AM					
<b>Sample Matrix:</b> Drinking Water		<b>Sampling Location:</b> Anvaya Cove, Morong, Bataan					
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	07 Dec 2023 @06:08PM	AHP
<b>Thermotolerant Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:08PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<1	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:08PM	AHP

<b>Sample ID:</b> S23-L07-030D		<b>Sampling Date:</b> 07 Dec 2023					
<b>Sample Description:</b> Deepwell 8		<b>Sampling Time:</b> 12:40 PM					
<b>Sample Matrix:</b> Drinking Water		<b>Sampling Location:</b> Quezon City					
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	07 Dec 2023 @06:23PM	AHP
<b>Thermotolerant Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:23PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<1	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:23PM	AHP

<b>Sample ID:</b> S23-L07-031D		<b>Sampling Date:</b> 07 Dec 2023					
<b>Sample Description:</b> Deepwell 9		<b>Sampling Time:</b> 12:47 PM					
<b>Sample Matrix:</b> Drinking Water		<b>Sampling Location:</b> Anvaya Cove, Morong, Bataan					
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	07 Dec 2023 @06:26PM	AHP
<b>Thermotolerant Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:26PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	1	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:26PM	AHP

<b>Sample ID:</b> S23-L07-033D		<b>Sampling Date:</b> 07 Dec 2023					
<b>Sample Description:</b> Deepwell 10		<b>Sampling Time:</b> 01:05 PM					
<b>Sample Matrix:</b> Drinking Water		<b>Sampling Location:</b> Anvaya Cove, Morong, Bataan					
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<b>E.coli</b>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	07 Dec 2023 @06:32PM	AHP
<b>Thermotolerant Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:32PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<1	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:32PM	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](mailto:echemenvironmental@gmail.com)  
 Technical: 0917-507-8753 • 0917-164-2944

<b>Sample ID: S23-L07-037D</b>					<b>Sampling Date: 07 Dec 2023</b>		
<b>Sample Description: Deepwell 11</b>					<b>Sampling Time: 01:30 PM</b>		
<b>Sample Matrix: Drinking Water</b>					<b>Sampling Location: 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)	07 Dec 2023 @06:44PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:44PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:44PM	AHP
<b>Sample ID: S23-L07-038D</b>					<b>Sampling Date: 07 Dec 2023</b>		
<b>Sample Description: Deepwell 13</b>					<b>Sampling Time: 01:45 PM</b>		
<b>Sample Matrix: Drinking Water</b>					<b>Sampling Location: 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)	07 Dec 2023 @06:47PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:47PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:47PM	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 Dec 2023  
**Anita H. Pineda, RMT**  
 Medical Technologist, PRC No. 52546

#### Approved by:

*May Ann M. Estavillo* 15 Dec 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



# 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](mailto: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: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City**  
Contact Person: **Ms. Florisza I. Faustino**  
COC Number: **2023-L0125**

Test Report No.: **TR-23L-181**  
Date and Time Received: **07 Dec 2023 @04:10PM**  
Sampled By: **ECHEM**  
Report Date: **14 Dec 2023**

Sample ID: **S23-L07-014D** Sampling Date: **07 Dec 2023**  
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)	07 Dec 2023 @05:35PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:35PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @05:35PM	AHP

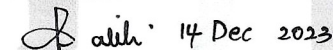
Sample ID: **S23-L07-036D** Sampling Date: **07 Dec 2023**  
Sample Description: **Reservoir 2** Sampling Time: **01:24 PM**  
Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

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)	07 Dec 2023 @06:41PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:41PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>10</b>	CFU/mL	< 500	PASSED	Pour Plate	07 Dec 2023 @07:00PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	07 Dec 2023 @06:41PM	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**  
Medical Technologist, PRC No. 52546

#### Approved by:

  
**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