



# 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-J0032**

Test Report No.: **TR-231-196**  
 Date and Time Received: **03 Oct 2023 @06:00PM**  
 Sampled By: **ECHEM**  
 Report Date: **12 Oct 2023**

Sample ID:	<b>S23-J03-050D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>N5</b>	Sampling Time:	<b>09:01 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
<b>E.coli</b>	<b>Absent</b>	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	03 Oct 2023 @07:59PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @07:59PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @07:59PM	AHP

Sample ID:	<b>S23-J03-052D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>SRCC Boston</b>	Sampling Time:	<b>09:08 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)	03 Oct 2023 @08:05PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:05PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:05PM	AHP

Sample ID:	<b>S23-J03-053D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>N4</b>	Sampling Time:	<b>09:13 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)	03 Oct 2023 @08:08PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:08PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:08PM	AHP

Sample ID:	<b>S23-J03-054D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>N7</b>	Sampling Time:	<b>09:18 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)	03 Oct 2023 @08:11PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:11PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:11PM	AHP

Sample ID:	<b>S23-J03-055D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>S1</b>	Sampling Time:	<b>09:20 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)	03 Oct 2023 @08:14PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:14PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:14PM	AHP



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Sample ID:	<b>S23-J03-056D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>S2A</b>	Sampling Time:	<b>09:25 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)	03 Oct 2023 @08:17PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:17PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>9</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:17PM	AHP

Sample ID:	<b>S23-J03-057D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Tulfo Residence</b>	Sampling Time:	<b>09:30 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)	03 Oct 2023 @08:20PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:20PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:20PM	AHP

Sample ID:	<b>S23-J03-059D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>N2</b>	Sampling Time:	<b>09:40 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)	03 Oct 2023 @08:26PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:26PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:26PM	AHP

Sample ID:	<b>S23-J03-060D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>N1</b>	Sampling Time:	<b>09:46 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)	03 Oct 2023 @08:29PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:29PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>8</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:29PM	AHP

Sample ID:	<b>S23-J03-061D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>N3</b>	Sampling Time:	<b>09:50 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)	03 Oct 2023 @08:32PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:32PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>10</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:32PM	AHP

Sample ID:	<b>S23-J03-063D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>BNC Pawlikan</b>	Sampling Time:	<b>10:05 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)	03 Oct 2023 @08:38PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:38PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:38PM	AHP



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Sample ID:	<b>S23-J03-064D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Beech Craft</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)	03 Oct 2023 @08:41PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:41PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:41PM	AHP

Sample ID:	<b>S23-J03-065D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Villas</b>	Sampling Time:	<b>10:17 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)	03 Oct 2023 @08:44PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:44PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:44PM	AHP

Sample ID:	<b>S23-J03-066D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>BNC Back Door</b>	Sampling Time:	<b>10:22 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)	03 Oct 2023 @08:47PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:47PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:47PM	AHP

Sample ID:	<b>S23-J03-068D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Sports Center Common Area</b>	Sampling Time:	<b>10:32 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)	03 Oct 2023 @08:53PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:53PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:53PM	AHP

Sample ID:	<b>S23-J03-069D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Sports Center Kitchen</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)	03 Oct 2023 @08:56PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:56PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:56PM	AHP

Sample ID:	<b>S23-J03-070D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Golf Kitchen</b>	Sampling Time:	<b>10:46 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)	03 Oct 2023 @08:59PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:59PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:59PM	AHP



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Sample ID: <b>S23-J03-071D</b>	Sampling Date: <b>03 Oct 2023</b>
Sample Description: <b>Caddie</b>	Sampling Time: <b>10:50 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)	03 Oct 2023 @09:02PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:02PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:02PM	AHP

Sample ID: <b>S23-J03-074D</b>	Sampling Date: <b>03 Oct 2023</b>
Sample Description: <b>N9</b>	Sampling Time: <b>11:05 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)	03 Oct 2023 @09:11PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:11PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:11PM	AHP

Sample ID: <b>S23-J03-077D</b>	Sampling Date: <b>03 Oct 2023</b>
Sample Description: <b>SBV Condo</b>	Sampling Time: <b>11:30 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)	03 Oct 2023 @09:20PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:20PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:20PM	AHP

Sample ID: <b>S23-J03-078D</b>	Sampling Date: <b>03 Oct 2023</b>
Sample Description: <b>NGB</b>	Sampling Time: <b>11:35 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)	03 Oct 2023 @09:23PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:23PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>3</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:23PM	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* 12 Oct 2023  
**Anita H. Pineda, RMT**  
 Medical Technologist, PRC No. 52546

**Approved by:**

*May Ann M. Estavillo* 12 Oct 2023  
**May Ann M. Estavillo, RCh**  
 QA/QC Manager, PRC No. 8652

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# 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)**  
 Address: **3<sup>rd</sup> Floor, One Joroma Place, Congressional Avenue, Quezon City**  
 Contact Person: **Ms. Florisza I. Faustino**  
 COC Number: **2023-J0032**

Test Report No.: **TR-23J-196**  
 Date and Time Received: **03 Oct 2023 @06:00PM**  
 Sampled By: **ECHEM**  
 Report Date: **12 Oct 2023**

Sample ID: **S23-J03-051D** Sampling Date: **03 Oct 2023**  
 Sample Description: **Deepwell 13** Sampling Time: **09:04 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)	03 Oct 2023 @08:02PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:02PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:02PM	AHP

Sample ID: **S23-J03-062D** Sampling Date: **03 Oct 2023**  
 Sample Description: **Deepwell 7** Sampling Time: **09:57 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)	03 Oct 2023 @08:35PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:35PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>23</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:35PM	AHP

Sample ID: **S23-J03-067D** Sampling Date: **03 Oct 2023**  
 Sample Description: **Deepwell 5** 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)	03 Oct 2023 @08:50PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:50PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:50PM	AHP

Sample ID: **S23-J03-072D** Sampling Date: **03 Oct 2023**  
 Sample Description: **Deepwell 8** Sampling Time: **10:54 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)	03 Oct 2023 @09:05PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:05PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:05PM	AHP

Sample ID: **S23-J03-073D** Sampling Date: **03 Oct 2023**  
 Sample Description: **Deepwell 9** Sampling Time: **11:00 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)	03 Oct 2023 @09:08PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:08PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>3</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:08PM	AHP



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 Technical: 0917-507-8753 • 0917-164-2944

Sample ID: <b>S23-J03-075D</b>	Sampling Date: <b>03 Oct 2023</b>
Sample Description: <b>Deepwell 10</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)	03 Oct 2023 @09:14PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:14PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>&lt;1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:14PM	AHP

Sample ID: <b>S23-J03-076D</b>	Sampling Date: <b>03 Oct 2023</b>
Sample Description: <b>Deepwell 11</b>	Sampling Time: <b>11:20 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)	03 Oct 2023 @09:17PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:17PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:17PM	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* 12 Oct 2023  
**Anita H. Pineda, RMT**  
 Medical Technologist, PRC No. 52546

#### Approved by:

*May Ann M. Estavillo* 12 Oct 2023  
**May Ann M. Estavillo, RCh**  
 QA/QC 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: **Ms. Florisza I. Faustino**  
 COC Number: **2023-J0032**

Test Report No.: **TR-23J-196**  
 Date and Time Received: **03 Oct 2023 @06:00PM**  
 Sampled By: **ECHEM**  
 Report Date: **12 Oct 2023**

Sample ID:	<b>S23-J03-058D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Reservoir 1</b>	Sampling Time:	<b>09:35 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)	03 Oct 2023 @08:23PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:23PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>1</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @08:23PM	AHP

Sample ID:	<b>S23-J03-079D</b>	Sampling Date:	<b>03 Oct 2023</b>
Sample Description:	<b>Reservoir 2</b>	Sampling Time:	<b>11:41 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)	03 Oct 2023 @09:26PM	AHP
<b>Thermotolerant Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:26PM	AHP
<b>Heterotrophic Plate Count (HPC)</b>	<b>2</b>	CFU/mL	< 500	PASSED	Pour Plate	03 Oct 2023 @09:35PM	AHP
<b>Total Coliform</b>	<b>&lt;1.1</b>	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	03 Oct 2023 @09:26PM	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* 12 Oct 2023  
**Anita H. Pineda, RMT**  
 Medical Technologist, PRC No. 52546

#### Approved by:

*May Ann M. Estavillo* 12 Oct 2023  
**May Ann M. Estavillo, RCh**  
 QA/QC Manager, PRC No.8652

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