



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

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2023-G0041**

Test Report No.: **TR-23G-146**
 Date and Time Received: **04 Jul 2023 @06:15PM**
 Sampled By: **ECHEM**
 Report Date: **11 Jul 2023**

Sample ID: **S23-G04-062D** Sampling Date: **04 Jul 2023**
 Sample Description: **N5** Sampling Time: **09:40 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)	04 Jul 2023 @6:30 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:30 PM	AHP
Heterotrophic Plate Count (HPC)	3	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:30 PM	AHP

Sample ID: **S23-G04-063D** Sampling Date: **04 Jul 2023**
 Sample Description: **SRCC Boston** Sampling Time: **09:47 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)	04 Jul 2023 @6:35 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:35 PM	AHP
Heterotrophic Plate Count (HPC)	9	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:35 PM	AHP

Sample ID: **S23-G04-064D** Sampling Date: **04 Jul 2023**
 Sample Description: **N6** Sampling Time: **09:55 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)	04 Jul 2023 @6:40 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:40 PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:40 PM	AHP

Sample ID: **S23-G04-065D** Sampling Date: **04 Jul 2023**
 Sample Description: **N7** Sampling Time: **10:03 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)	04 Jul 2023 @6:45 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:45 PM	AHP
Heterotrophic Plate Count (HPC)	5	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:45 PM	AHP

Sample ID: **S23-G04-066D** Sampling Date: **04 Jul 2023**
 Sample Description: **Tulfo Residence** Sampling Time: **10:12 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)	04 Jul 2023 @6:50 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:50 PM	AHP
Heterotrophic Plate Count (HPC)	2	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:50 PM	AHP



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Sample ID:	S23-G04-068D	Sampling Date:	04 Jul 2023
Sample Description:	N2	Sampling Time:	10:22 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)	04 Jul 2023 @7:00 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:00 PM	AHP
Heterotrophic Plate Count (HPC)	9	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:00 PM	AHP

Sample ID:	S23-G04-069D	Sampling Date:	04 Jul 2023
Sample Description:	N1	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)	04 Jul 2023 @7:05 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:05 PM	AHP
Heterotrophic Plate Count (HPC)	4	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:05 PM	AHP

Sample ID:	S23-G04-070D	Sampling Date:	04 Jul 2023
Sample Description:	N3	Sampling Time:	10:37 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)	04 Jul 2023 @7:10 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:10 PM	AHP
Heterotrophic Plate Count (HPC)	10	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:10 PM	AHP

Sample ID:	S23-G04-072D	Sampling Date:	04 Jul 2023
Sample Description:	BNC Pawikan	Sampling Time:	10:53 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)	04 Jul 2023 @7:20 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:20 PM	AHP
Heterotrophic Plate Count (HPC)	2	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:20 PM	AHP

Sample ID:	S23-G04-073D	Sampling Date:	04 Jul 2023
Sample Description:	Beech Craft	Sampling Time:	10:59 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @7:25 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:25 PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:25 PM	AHP

Sample ID:	S23-G04-074D	Sampling Date:	04 Jul 2023
Sample Description:	Villas	Sampling Time:	11:06 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)	04 Jul 2023 @7:30 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:30 PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:30 PM	AHP



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Sample ID:	S23-G04-075D	Sampling Date:	04 Jul 2023
Sample Description:	BNC Backdoor	Sampling Time:	11:14 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @7:35 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:35 PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:35 PM	AHP

Sample ID:	S23-G04-077D	Sampling Date:	04 Jul 2023
Sample Description:	SC Common Area	Sampling Time:	11:29 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)	04 Jul 2023 @7:45 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:45 PM	AHP
Heterotrophic Plate Count (HPC)	13	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:45 PM	AHP

Sample ID:	S23-G04-078D	Sampling Date:	04 Jul 2023
Sample Description:	SC Kitchen	Sampling Time:	11:35 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)	04 Jul 2023 @7:50 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:50 PM	AHP
Heterotrophic Plate Count (HPC)	9	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:50 PM	AHP

Sample ID:	S23-G04-079D	Sampling Date:	04 Jul 2023
Sample Description:	Golf Kitchen	Sampling Time:	11:42 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @7:55 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:55 PM	AHP
Heterotrophic Plate Count (HPC)	5	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:55 PM	AHP

Sample ID:	S23-G04-080D	Sampling Date:	04 Jul 2023
Sample Description:	Caddie	Sampling Time:	11:50 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)	04 Jul 2023 @8:00 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:00 PM	AHP
Heterotrophic Plate Count (HPC)	3	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:00 PM	AHP

Sample ID:	S23-G04-084D	Sampling Date:	04 Jul 2023
Sample Description:	N9	Sampling Time:	12:28 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)	04 Jul 2023 @8:20 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:20 PM	AHP
Heterotrophic Plate Count (HPC)	11	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:20 PM	AHP



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Sample ID: **S23-G04-086D** Sampling Date: **04 Jul 2023**
 Sample Description: **SBV Condo** Sampling Time: **12:40 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)	04 Jul 2023 @8:30 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:30 PM	AHP
Heterotrophic Plate Count (HPC)	5	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:30 PM	AHP

Sample ID: **S23-G04-087D** Sampling Date: **04 Jul 2023**
 Sample Description: **NGB** Sampling Time: **12:47 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)	04 Jul 2023 @8:35 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:35 PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:35 PM	AHP

Sample ID: **S23-G04-090D** Sampling Date: **04 Jul 2023**
 Sample Description: **S1** Sampling Time: **01:20 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)	04 Jul 2023 @8:50 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:50 PM	AHP
Heterotrophic Plate Count (HPC)	10	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:55 PM	AHP

Sample ID: **S23-G04-091D** Sampling Date: **04 Jul 2023**
 Sample Description: **S2A** Sampling Time: **01:28 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)	04 Jul 2023 @8:55 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:55 PM	AHP
Heterotrophic Plate Count (HPC)	45	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:55 PM	AHP

Notes & References:

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

Certified by:

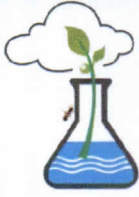
Anita H. Pineda 11 Jul 2023
Anita H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 11 Jul 2023
May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No. 8652

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TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2023-G0041**

Test Report No.: **TR-23G-146**
 Date and Time Received: **04 Jul 2023 @06:15PM**
 Sampled By: **ECEM**
 Report Date: **11 Jul 2023**

Sample ID:	S23-G04-071D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 7	Sampling Time:	10:48 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)	04 Jul 2023 @7:15 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:15 PM	AHP
Heterotrophic Plate Count (HPC)	7	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:15 PM	AHP

Sample ID:	S23-G04-076D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 5	Sampling Time:	11:21 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)	04 Jul 2023 @7:40 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:40 PM	AHP
Heterotrophic Plate Count (HPC)	4	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @7:40 PM	AHP

Sample ID:	S23-G04-081D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 8	Sampling Time:	12:01 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E.coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @8:05 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:05 PM	AHP
Heterotrophic Plate Count (HPC)	4	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:05 PM	AHP

Sample ID:	S23-G04-082D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 9	Sampling Time:	12:11 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E.coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @8:10 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:10 PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:10 PM	AHP

Sample ID:	S23-G04-083D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 10	Sampling Time:	12:20 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
<i>E.coli</i>	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @8:15 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:15 PM	AHP
Heterotrophic Plate Count (HPC)	8	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:15 PM	AHP



Echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

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 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:	S23-G04-085D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 11	Sampling Time:	12:35 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)	04 Jul 2023 @8:25 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:25 PM	AHP
Heterotrophic Plate Count (HPC)	19	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:25 PM	AHP

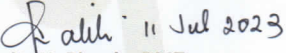
Sample ID:	S23-G04-089D	Sampling Date:	04 Jul 2023
Sample Description:	Deepwell 13	Sampling Time:	01:10 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @8:45 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:45 PM	AHP
Heterotrophic Plate Count (HPC)	7	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:50 PM	AHP

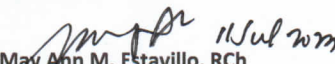
Notes & References:

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

Certified by:

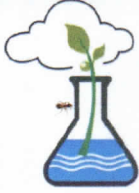

Anita H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Approved by:


May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No. 8652

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TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2023-G0041**

Test Report No.: **TR-23G-146**
 Date and Time Received: **04 Jul 2023 @06:15PM**
 Sampled By: **Echem**
 Report Date: **11 Jul 2023**

Sample ID:	S23-G04-067D	Sampling Date:	04 Jul 2023
Sample Description:	Reservoir 1	Sampling Time:	10:16 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)	04 Jul 2023 @6:55 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:55 PM	AHP
Heterotrophic Plate Count (HPC)	1	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @6:55 PM	AHP

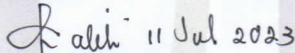
Sample ID:	S23-G04-088D	Sampling Date:	04 Jul 2023
Sample Description:	Reservoir 2	Sampling Time:	12:52 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	04 Jul 2023 @8:40 PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:40 PM	AHP
Heterotrophic Plate Count (HPC)	5	CFU/mL	< 500	PASSED	Pour Plate	04 Jul 2023 @8:00 PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	04 Jul 2023 @8:45 PM	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

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