



Echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

Laboratory: 10 Quezon Road, San Isidro, 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: 0917-164-2927 • 0917-164-2944

DOH Accreditation No.03-002-21-LW-2 Valid until December 31, 2023

DENR C.R.No. 074/2018 Valid until September 24, 2021

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Diliman, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2021-I0017**

Test Report No.: **TR-211-086**
 Date and Time Received: **01 Sep 2021 @04:30PM**
 Sampled By: **ECHEM**
 Report Date: **08 Sep 2021**

Sample ID: **S21-I01-022D** Sampling Date: **01 Sep 2021**
 Sample Description: **N5** Sampling Time: **09:03 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) | 01 Sep 2021 @05:32PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:32PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:32PM | AHP |

Sample ID: **S21-I01-023D** Sampling Date: **01 Sep 2021**
 Sample Description: **SRCC Boston** Sampling Time: **09:10 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

| Parameter | Result | Unit | Limit | Remarks | Method | Date Analyzed | Analyst |
|----------------------------------------|----------------|------------|--------|---------|-----------------------------------------------|----------------------|---------|
| E.coli | Absent | MPN/100 mL | Absent | PASSED | MTFT Thermotolerant Coliform Test (EC Medium) | 01 Sep 2021 @05:35PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:35PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:35PM | AHP |

Sample ID: **S21-I01-024D** Sampling Date: **01 Sep 2021**
 Sample Description: **N4** Sampling Time: **09:16 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) | 01 Sep 2021 @05:38PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:38PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:38PM | AHP |

Sample ID: **S21-I01-025D** Sampling Date: **01 Sep 2021**
 Sample Description: **N7** Sampling Time: **09:21 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) | 01 Sep 2021 @05:41PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:41PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:41PM | AHP |



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Technical: 0917-164-2927 • 0917-164-2944

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|---------------------|-------------------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-026D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Mr. Gregorio Residence | Sampling Time: | 09:30 AM |
| Sample Matrix: | Drinking Water | Sampling Location: | Anvaya Cove, Morong, Bataan |

| Parameter | Result | Unit | Limit | Remarks | Method | Date Analyzed | Analyst |
|----------------------------------------|----------------|------------|--------|---------|-----------------------------------------------|----------------------|---------|
| E.coli | Absent | MPN/100 mL | Absent | PASSED | MTFT Thermotolerant Coliform Test (EC Medium) | 01 Sep 2021 @05:44PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:44PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:44PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-028D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | N2 | Sampling Time: | 09:44 AM |
| Sample Matrix: | Drinking Water | Sampling Location: | Anvaya Cove, Morong, Bataan |

| Parameter | Result | Unit | Limit | Remarks | Method | Date Analyzed | Analyst |
|----------------------------------------|----------------|------------|--------|---------|-----------------------------------------------|----------------------|---------|
| E.coli | Absent | MPN/100 mL | Absent | PASSED | MTFT Thermotolerant Coliform Test (EC Medium) | 01 Sep 2021 @05:50PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:50PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:50PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-029D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | N1 | Sampling Time: | 09:51 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) | 01 Sep 2021 @05:53PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:53PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:53PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-030D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | N3 | Sampling Time: | 09:58 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) | 01 Sep 2021 @05:56PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:56PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:56PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-032D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | BNC Pawikan | Sampling Time: | 10:10 AM |
| Sample Matrix: | Drinking Water | Sampling Location: | Anvaya Cove, Morong, Bataan |

| Parameter | Result | Unit | Limit | Remarks | Method | Date Analyzed | Analyst |
|----------------------------------------|----------------|------------|--------|---------|-----------------------------------------------|----------------------|---------|
| E.coli | Absent | MPN/100 mL | Absent | PASSED | MTFT Thermotolerant Coliform Test (EC Medium) | 01 Sep 2021 @06:02PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:02PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:02PM | AHP |



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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-035D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Villas | Sampling Time: | 10:33 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) | 01 Sep 2021 @06:11PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:11PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:11PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-036D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | BNC Backdoor | Sampling Time: | 10:38 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) | 01 Sep 2021 @06:14PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:14PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:14PM | AHP |

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|---------------------|------------------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-038D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Sportc Center Kitchen | Sampling Time: | 10:59 AM |
| Sample Matrix: | Drinking Water | Sampling Location: | Anvaya Cove, Morong, Bataan |

| Parameter | Result | Unit | Limit | Remarks | Method | Date Analyzed | Analyst |
|----------------------------------------|----------------|------------|--------|---------|-----------------------------------------------|----------------------|---------|
| E.coli | Absent | MPN/100 mL | Absent | PASSED | MTFT Thermotolerant Coliform Test (EC Medium) | 01 Sep 2021 @06:20PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:20PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:20PM | AHP |

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|---------------------|----------------------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-039D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Sports Center Common Area | Sampling Time: | 11:12 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) | 01 Sep 2021 @06:23PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:23PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:23PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-040D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Golf Kitchen | Sampling Time: | 11:17 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) | 01 Sep 2021 @06:26PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:26PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:26PM | AHP |



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| | | | |
|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-041D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Caddie | Sampling Time: | 11:23 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) | 01 Sep 2021 @06:29PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:29PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:29PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-044D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | N9 | 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) | 01 Sep 2021 @06:38PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:38PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:38PM | AHP |

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|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-046D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | SBV Condo | Sampling Time: | 12:04 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) | 01 Sep 2021 @06:44PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:44PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:44PM | AHP |

| | | | |
|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-047D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | N6B | Sampling Time: | 12:13 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) | 01 Sep 2021 @06:47PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:47PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:47PM | AHP |

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
DOH Administrative Order No. 2017-0010, PNSDW 2017.



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Certified by:

Anita H. Pineda 08 Sep 2021
Anita H. Pineda, RMT
Medical Technologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 08 Sep 2021
May Ann M. Estavillo, RCh
QA/QC Manager, PRC No. 8652

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DENR C.R.No. 074/2018 Valid until September 24, 2021

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Diliman, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2021-I0017**

Test Report No.: **TR-211-086**
 Date and Time Received: **01 Sep 2021 @04:30PM**
 Sampled By: **ECHEM**
 Report Date: **08 Sep 2021**

Sample ID: **S21-I01-027D** Sampling Date: **01 Sep 2021**
 Sample Description: **Reservoir 1** Sampling Time: **09:38 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) | 01 Sep 2021 @05:47PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:47PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:47PM | AHP |

Sample ID: **S21-I01-048D** Sampling Date: **01 Sep 2021**
 Sample Description: **Reservoir 2** Sampling Time: **12:22 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) | 01 Sep 2021 @06:50PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:50PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:50PM | AHP |

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Aniña H. Pineda 08 Sep 2021
Aniña H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 08 Sep 2021
May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No.8652

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DENR C.R.No. 074/2018 Valid until September 24, 2021

TEST REPORT

Client: Manila Water Philippine Ventures (MWPV)
Address: Level 3 2nd Phase, BPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Diliman, Quezon City
Contact Person: Ms. Florisza I. Faustino
COC Number: 2021-I0017

Test Report No.: TR-211-086
Date and Time Received: 01 Sep 2021 @04:30PM
Sampled By: ECHEM
Report Date: 08 Sep 2021

Sample ID: S21-I01-031D **Sampling Date:** 01 Sep 2021
Sample Description: Deepwell 7 **Sampling Time:** 10:04 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) | 01 Sep 2021 @05:59PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:59PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @05:59PM | AHP |

Sample ID: S21-I01-034D **Sampling Date:** 01 Sep 2021
Sample Description: Deepwell 6 **Sampling Time:** 10:27 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) | 01 Sep 2021 @06:08PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:08PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:08PM | AHP |

Sample ID: S21-I01-037D **Sampling Date:** 01 Sep 2021
Sample Description: Deepwell 5 **Sampling Time:** 10:45 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) | 01 Sep 2021 @06:17PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:17PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:17PM | AHP |

Sample ID: S21-I01-042D **Sampling Date:** 01 Sep 2021
Sample Description: Deepwell 8 **Sampling Time:** 11:38 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) | 01 Sep 2021 @06:32PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:32PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:32PM | AHP |



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| | | | |
|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-043D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Deepwell 9 | Sampling Time: | 11:44 AM |
| Sample Matrix: | Drinking Water | Sampling Location: | Anvaya Cove, Morong, Bataan |

| Parameter | Result | Unit | Limit | Remarks | Method | Date Analyzed | Analyst |
|----------------------------------------|----------------|------------|--------|---------|-----------------------------------------------|----------------------|---------|
| E.coli | Absent | MPN/100 mL | Absent | PASSED | MTFT Thermotolerant Coliform Test (EC Medium) | 01 Sep 2021 @06:35PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:35PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:35PM | AHP |

| | | | |
|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-045D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Deepwell 10 | Sampling Time: | 11:56 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) | 01 Sep 2021 @06:41PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:41PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:41PM | AHP |

| | | | |
|---------------------|-----------------------|--------------------|------------------------------------|
| Sample ID: | S21-I01-049D | Sampling Date: | 01 Sep 2021 |
| Sample Description: | Deepwell 11 | 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) | 01 Sep 2021 @06:53PM | AHP |
| Thermotolerant Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:53PM | AHP |
| Heterotrophic Plate Count (HPC) | <1 | CFU/mL | < 500 | PASSED | Pour Plate | 01 Sep 2021 @07:00PM | AHP |
| Total Coliform | <1.1 | MPN/100 mL | < 1.1 | PASSED | Multiple Tube Fermentation Technique | 01 Sep 2021 @06:53PM | AHP |

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Anita H. Pineda 08 Sep 2021
Anita H. Pineda, RMT
Medical Technologist, PRC No. 52546

Approved by:

May Ann M. Estavillo 08 Sep 2021
May Ann M. Estavillo, RCh
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