



May 31, 2021

**EVELYN MARANAN**  
**Sanitary Inspector III**  
**Municipal Health Officer**  
**Sta. Cruz City, Laguna**

**Subject: Microbiological Examination Report – May 2021**

Dear Ms. Maranan:

Greetings from Laguna Water!

We are **Laguna AAWater Corporation**, the authorized water concessionaire of the Province of Laguna. Laguna Water is a joint venture company between the Provincial Government of Laguna and Manila Water Philippine Ventures Company (owned by Manila Water Company Inc., the water service provider in the East Zone of Metro Manila).

As part of our mandate on improving the water quality, we are pleased to submit to you a summary of the Physical, Chemical and Microbiological Tests that we are conducting all throughout our covered Service Areas.

Thank you.

Sincerely yours,

**ENGR. MELISSA A. ALCASID**  
Technical Operations, Head

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna  
CONTACT NO.: (049) 543-1916  
WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

**CUSTOMER NAME** : Laguna AAWater Corporation

**ADDRESS** : G/F, One Evotech Building, Nuvali, Brgy. Sto. Domingo, Sta. Rosa City, Laguna

**ATTENTION** : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE(S)** : S21-3735

**DATE/TIME SUBMITTED** : 05/18/2021 15:00

**DATE/TIME COLLECTION** : 05/18/2021 10:40

**COLLECTED BY** : Edwin O. Aguilar

**NO. OF SAMPLES** : 1

**TOTAL PARAMETERS TESTED** : 3

**SAMPLE LOCATION** : SOURCE AFTER DMI-65 FILTRATION, LAGUNA SPORTS COMPLEX, BRGY.BUBUKAL, SANTA CRUZ CITY, LAGUNA

**SAMPLE CHARACTERISTICS** : 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

| PARAMETER(S)                                      | UNIT(S)                      | RESULT(S)      | METHOD(S)                                   | ANALYSIS   |     |
|---|------------------------------|----------------|---|------------|-----|
|   |                              |                |   | DATE       | BY  |
| Total Coliform                                    | Coliforms/100 mL             | <b>ABSENCE</b> | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/18/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL             | <b>ABSENCE</b> | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/18/2021 | NGR |
| Heterotrophic Plate Count (HPC) <sup>A</sup>      | Colony Forming Unit (CFU)/mL | < 1            | 9215B. Pour Plate Method                    | 05/18/2021 | NGR |

**REMARKS:** Samples were analyzed as submitted.

**NOTE: A** – Method is not part of DENR-ELR Recognized Parameters

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

NOT VALID WITHOUT QR CODE



REVIEWED BY:

ALYSSA MARIE C. PENALES, RMT  
Microbiology Unit Manager (OIC)  
License No(s). (PRC 0064969)

CERTIFIED CORRECT BY:

ANNA KARLA S. GUTIERREZ, RMT  
Laboratory Services Manager  
License No(s). (PRC 0060968)

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**ATTENTION :** N/A

## SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE(S) :** S21-3736

**DATE/TIME SUBMITTED :** 05/18/2021 15:00

**DATE/TIME COLLECTION :** 05/18/2021 11:05

**COLLECTED BY :** Edwin O. Aguilar

**NO. OF SAMPLES :** 1

**TOTAL PARAMETERS TESTED :** 3

**SAMPLE LOCATION :** CANTEEN NO. 4 IN FRONT OF LAGUNA UNIVERSITY, BRGY. BUBUKAL, SANTA CRUZ CITY, LAGUNA

**SAMPLE CHARACTERISTICS :** 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

| PARAMETER(S)                                      | UNIT(S)                      | RESULT(S)      | METHOD(S)                                   | ANALYSIS   |     |
|---|------------------------------|----------------|---|------------|-----|
|   |                              |                |   | DATE       | BY  |
| Total Coliform                                    | Coliforms/100 mL             | <b>ABSENCE</b> | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/18/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL             | <b>ABSENCE</b> | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/18/2021 | NGR |
| Heterotrophic Plate Count (HPC) <sup>A</sup>      | Colony Forming Unit (CFU)/mL | <b>&lt; 1</b>  | 9215B. Pour Plate Method                    | 05/18/2021 | NGR |

**REMARKS:** Samples were analyzed as submitted.

**NOTE: A** – Method is not part of DENR-ELR Recognized Parameters

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

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**ATTENTION :** N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE(S) :** S21-3801

**DATE/TIME SUBMITTED :** 05/19/2021 15:00

**DATE/TIME COLLECTION :** 05/19/2021 07:31

**COLLECTED BY :** Edwin O. Aguilar

**NO. OF SAMPLES :** 1

**TOTAL PARAMETERS TESTED :** 3

**SAMPLE LOCATION :** WATER PUMP, CAPITOL COMPOUND, P. GUEVARRA AVE., LAGUNA PROVINCIAL CAPITOL, SANTA CRUZ CITY, LAGUNA

**SAMPLE CHARACTERISTICS :** 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

| PARAMETER(S)                                      | UNIT(S)                      | RESULT(S) | METHOD(S)                                   | ANALYSIS   |     |
|---|------------------------------|-----------|---|------------|-----|
|   |                              |           |   | DATE       | BY  |
| Total Coliform                                    | Coliforms/100 mL             | ABSENCE   | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL             | ABSENCE   | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Heterotrophic Plate Count (HPC) <sup>A</sup>      | Colony Forming Unit (CFU)/mL | < 1       | 9215B. Pour Plate Method                    | 05/19/2021 | NGR |

**REMARKS:** Samples were analyzed as submitted.

**NOTE:** <sup>A</sup> – Method is not part of DENR-ELR Recognized Parameters

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

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**REVIEWED BY:**

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**ATTENTION** : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE(S)** : S21-3802

**DATE/TIME SUBMITTED** : 05/19/2021 15:00

**DATE/TIME COLLECTION** : 05/19/2021 07:43

**COLLECTED BY** : Edwin O. Aguilar

**NO. OF SAMPLES** : 1

**TOTAL PARAMETERS TESTED** : 3

**SAMPLE LOCATION** : OLD CAPITOL BLDG., CAPITOL COMPOUND, P. GUEVARRA AVE., LAGUNA PROVINCIAL CAPITOL, SANTA CRUZ CITY, LAGUNA

**SAMPLE CHARACTERISTICS** : 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

| PARAMETER(S)                                      | UNIT(S)                      | RESULT(S) | METHOD(S)                                   | ANALYSIS   |     |
|---|------------------------------|-----------|---|------------|-----|
|   |                              |           |   | DATE       | BY  |
| Total Coliform                                    | Coliforms/100 mL             | ABSENCE   | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL             | ABSENCE   | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Heterotrophic Plate Count (HPC) <sup>A</sup>      | Colony Forming Unit (CFU)/mL | < 1       | 9215B. Pour Plate Method                    | 05/19/2021 | NGR |

**REMARKS:** Samples were analyzed as submitted.

**NOTE:** <sup>A</sup> – Method is not part of DENR-ELR Recognized Parameters


**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition


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**ATTENTION :** N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE(S) :** S21-3803

**DATE/TIME SUBMITTED :** 05/19/2021 15:00

**DATE/TIME COLLECTION :** 05/19/2021 08:01

**COLLECTED BY :** Edwin O. Aguilar

**NO. OF SAMPLES :** 1

**TOTAL PARAMETERS TESTED :** 3

**SAMPLE LOCATION :** CISTERN TANK, LAGUNA MEDICAL CENTER, SANTA CRUZ CITY, LAGUNA

**SAMPLE CHARACTERISTICS :** 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

| PARAMETER(S)                                      | UNIT(S)                      | RESULT(S)      | METHOD(S)                                   | ANALYSIS   |     |
|---|------------------------------|----------------|---|------------|-----|
|   |                              |                |   | DATE       | BY  |
| Total Coliform                                    | Coliforms/100 mL             | <b>ABSENCE</b> | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL             | <b>ABSENCE</b> | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Heterotrophic Plate Count (HPC) <sup>A</sup>      | Colony Forming Unit (CFU)/mL | <b>&lt; 1</b>  | 9215B. Pour Plate Method                    | 05/19/2021 | NGR |

**REMARKS:** Samples were analyzed as submitted.

**NOTE: A** – Method is not part of DENR-ELR Recognized Parameters

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

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**ATTENTION :** N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE(S) :** S21-3804

**DATE/TIME SUBMITTED :** 05/19/2021 15:00

**DATE/TIME COLLECTION :** 05/19/2021 08:10

**COLLECTED BY :** Edwin O. Aguilar

**NO. OF SAMPLES :** 1

**TOTAL PARAMETERS TESTED :** 3

**SAMPLE LOCATION :** FAUCET, PARKING LOT, LAGUNA MEDICAL CENTER, SANTA CRUZ CITY, LAGUNA

**SAMPLE CHARACTERISTICS :** 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

| PARAMETER(S)                                      | UNIT(S)                      | RESULT(S) | METHOD(S)                                   | ANALYSIS   |     |
|---|------------------------------|-----------|---|------------|-----|
|   |                              |           |   | DATE       | BY  |
| Total Coliform                                    | Coliforms/100 mL             | ABSENCE   | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL             | ABSENCE   | 9223B. Enzyme Substrate Test (Colilert-18®) | 05/19/2021 | NGR |
| Heterotrophic Plate Count (HPC) <sup>A</sup>      | Colony Forming Unit (CFU)/mL | 3         | 9215B. Pour Plate Method                    | 05/19/2021 | NGR |

**REMARKS:** Samples were analyzed as submitted.

**NOTE: A** – Method is not part of DENR-ELR Recognized Parameters

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

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