



June 30, 2021

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

Subject: Microbiological Examination Report – June 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

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) : S21-4342

DATE/TIME SUBMITTED : 06/09/2021 16:00

DATE/TIME COLLECTION : 06/09/2021 12:30

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, 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®) | 06/09/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/09/2021 | NGR |
| Heterotrophic Plate Count (HPC) ^A | Colony Forming Unit (CFU)/mL | 20 | 9215B. Pour Plate Method | 06/09/2021 | 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, 23rd 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) : S21-4557

DATE/TIME SUBMITTED : 06/22/2021 16:00

DATE/TIME COLLECTION : 06/22/2021 08:40

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®) | 06/22/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/22/2021 | NGR |
| Heterotrophic Plate Count (HPC) ^A | Colony Forming Unit (CFU)/mL | < 1 | 9215B. Pour Plate Method | 06/22/2021 | 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, 23rd Edition

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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE(S) : S21-4558

DATE/TIME SUBMITTED : 06/22/2021 16:00

DATE/TIME COLLECTION : 06/22/2021 08:51

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®) | 06/22/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/22/2021 | NGR |
| Heterotrophic Plate Count (HPC) ^A | Colony Forming Unit (CFU)/mL | < 1 | 9215B. Pour Plate Method | 06/22/2021 | 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, 23rd Edition

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

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE(S) : S21-4559

DATE/TIME SUBMITTED : 06/22/2021 16:00

DATE/TIME COLLECTION : 06/22/2021 09:10

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 | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/22/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/22/2021 | NGR |
| Heterotrophic Plate Count (HPC) ^A | Colony Forming Unit (CFU)/mL | < 1 | 9215B. Pour Plate Method | 06/22/2021 | 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, 23rd Edition

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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE(S) : S21-4560

DATE/TIME SUBMITTED : 06/22/2021 16:00

DATE/TIME COLLECTION : 06/22/2021 09:16

COLLECTED BY : Edwin O. Aguilar

NO. OF SAMPLES : 1

TOTAL PARAMETERS TESTED : 3

SAMPLE LOCATION : KITCHEN, 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®) | 06/22/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/22/2021 | NGR |
| Heterotrophic Plate Count (HPC) ^A | Colony Forming Unit (CFU)/mL | < 1 | 9215B. Pour Plate Method | 06/22/2021 | 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, 23rd Edition

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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE(S) : S21-4619

DATE/TIME SUBMITTED : 06/23/2021 08:00

DATE/TIME COLLECTION : 06/24/2021 06:30

COLLECTED BY : Edwin O. Aguilar

NO. OF SAMPLES : 1

TOTAL PARAMETERS TESTED : 3

SAMPLE LOCATION : SPORTS COMPLEX, OVAL, 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 | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/24/2021 | NGR |
| Thermotolerant Coliform / <i>Escherichia coli</i> | Coliforms/100 mL | ABSENCE | 9223B. Enzyme Substrate Test (Colilert-18®) | 06/24/2021 | NGR |
| Heterotrophic Plate Count (HPC) ^A | Colony Forming Unit (CFU)/mL | 30 | 9215B. Pour Plate Method | 06/24/2021 | 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, 23rd Edition

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