

### REPORT OF ANALYSIS

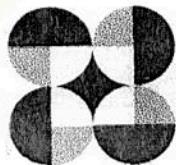
Req. Ref. No. : CAR-082019-MIC-0501  
Date Submitted : August 7, 2019  
Date Analyzed : August 7-9, 2019  
Date Reported : August 13, 2019  
Submitted by : Customer Name :  
Name of Company : **LA TRINIDAD WATER DISTRICT**  
Address : Km. 4, Balili, La Trinidad, Benguet

Page : Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD*
MIC-1192 to MIC- 1208	17 Domestic water samples from terminal points placed in sterilized reagent bottle and with written label, 2 <sub>T</sub> , 3 <sub>T</sub> , 4 <sub>T</sub> , 5 <sub>T</sub> , 6 <sub>T</sub> , 8 <sub>T</sub> , 9 <sub>T</sub> , 12 <sub>T</sub> , 14 <sub>T</sub> , Lubas <sub>T</sub> , JICA <sub>T1</sub> , JICA <sub>T2</sub> , PPSS <sub>T1</sub> , SWAMP <sub>T</sub> , A <sub>T</sub> , PICOWELL <sub>T1</sub> and PICOWELL <sub>T2</sub>	Total Coliform Count	2 <sub>T</sub> – <1.1 MPN/100 mL** 3 <sub>T</sub> – <1.1 MPN/100 mL** 4 <sub>T</sub> – <1.1 MPN/100 mL** 5 <sub>T</sub> – <1.1 MPN/100 mL** 6 <sub>T</sub> – <1.1 MPN/100 mL** 8 <sub>T</sub> – <1.1 MPN/100 mL** 9 <sub>T</sub> – <1.1 MPN/100 mL** 12 <sub>T</sub> – <1.1 MPN/100 mL** 14 <sub>T</sub> – <1.1 MPN/100 mL** Lubas <sub>T</sub> – <1.1 MPN/100 mL** JICA <sub>T1</sub> – <1.1 MPN/100 mL** JICA <sub>T2</sub> – <1.1 MPN/100 mL** PPSS <sub>T1</sub> – <1.1 MPN/100 mL** SWAMP <sub>T</sub> – <1.1 MPN/100 mL** A <sub>T</sub> – <1.1 MPN/100 mL** PICOWELL <sub>T1</sub> – <1.1 MPN/100 mL** PICOWELL <sub>T2</sub> – <1.1 MPN/100 mL**	<1.1 MPN/100 mL
		E. coli	All samples (terminal) – <1.1 MPN/100 mL**	<1.1 MPN/100 mL
		Heterotrophic Plate Count	2 <sub>T</sub> – <1*** CFU/mL 3 <sub>T</sub> – <1*** CFU/mL 4 <sub>T</sub> – 2*** CFU/mL 5 <sub>T</sub> – <1*** CFU/mL 6 <sub>T</sub> – <1*** CFU/mL 8 <sub>T</sub> – 440 CFU/mL 9 <sub>T</sub> – <1*** CFU/mL 12 <sub>T</sub> – <1*** CFU/mL 14 <sub>T</sub> – 1*** CFU/mL Lubas <sub>T</sub> – 2*** CFU/mL JICA <sub>T1</sub> – <1*** CFU/mL JICA <sub>T2</sub> – 189 CFU/mL PPSS <sub>T1</sub> – <1*** CFU/mL SWAMP <sub>T</sub> – 1*** CFU/mL A <sub>T</sub> – <1*** CFU/mL PICOWELL <sub>T1</sub> – <1*** CFU/mL PICOWELL <sub>T2</sub> – <1*** CFU/mL	<500 CFU/mL

CERTIFIED TRUE COPY

Verification 11/26/2020



## REPORT OF ANALYSIS

Req. Ref. No. : CAR-082019-MIC-0501  
Date Submitted : August 7, 2019  
Date Analyzed : August 7-9, 2019  
Date Reported : August 13, 2019  
Submitted by : Customer Name :  
Name of Company : **LA TRINIDAD WATER DISTRICT**  
Address : Km. 4, Balili, La Trinidad, Benguet

Page : Page 2 of 2

### METHODOLOGY:

#### Total Coliform Count / *Escherichia coli*

Multiple Tube Fermentation Technique-Most Probable Number (MPN). Following Standard Methods for the Examination of Water and Waste Water, 23<sup>rd</sup> Edition 2017, Microbiological Examination 9000: 9221B, 9223A and B (Modified) and in accordance with Merck Microbiological Manual, 12<sup>th</sup> Edition.

#### Heterotrophic Plate Count

Pour Plate - Colony Forming Units (CFU) per mL. Following Standard Methods for the Examination of Water and Waste Water, 23<sup>rd</sup> Edition 2017, Microbiological Examination 9000: 9050C, 9215A and B.

REMARKS: **Domestic water samples from all terminal points are NEGATIVE for *E. coli*. Heterotrophic Plate Count of all water samples are within the standard limit set by the PNSDW.**

The results given in this report are those obtained at the time of test and refer only to the particular sample submitted. This report shall not be reproduced except in full, without the written approval of the laboratory.

\* Philippine National Standards for Drinking Water (PNSDW, 2017)

\*\* Not PAB Accredited

\*\*\* Estimated Heterotrophic Plate Count

Analyzed by:

**CLARISA ANGELLI N. LUBRICA**  
Approved PAB Signatory

Certified by:

**JAMIE BETH B. GALIAN**  
Technical Manager

Approved for Release by:

**ANGEL L. MAGUEN**  
Quality Manager

Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

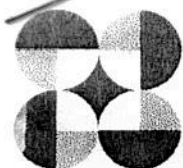
**CERTIFIED TRUE COPY**

*Clarisa 11262020*

Address: BSU Compound, Km.6, La Trinidad, Benguet 2601  
Tel. No. (63)(074)422-0979  
Fax No. (63)(074)422-2214

e-mail address [rstclear@gmail.com](mailto:rstclear@gmail.com)  
URL: <http://car.dost.gov.ph>





## REPORT OF ANALYSIS

Req. Ref. No. : CAR-082019-MIC-0500 and MIC-0502  
Date Submitted : August 07, 2019  
Date Analyzed : August 07-09, 2019  
Date Reported : August 13, 2019  
Submitted by : Customer Name :  
Name of Company : **LA TRINIDAD WATER DISTRICT**  
Address : **Km. 4, La Trinidad, Benguet**

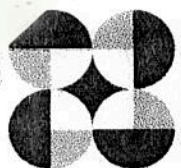
Page

Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD*
MIC-1175 to 1191 and MIC-1211 to MIC-1216	17 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2 <sub>S</sub> , 3 <sub>S</sub> , 4 <sub>S</sub> , 5 <sub>S</sub> , 6 <sub>S</sub> , 8 <sub>S</sub> , 9 <sub>S</sub> , 12 <sub>S</sub> , 14 <sub>S</sub> , Lubas <sub>S</sub> , A <sub>S</sub> , PPSS <sub>S</sub> , JICA <sub>S1</sub> , JICA <sub>S2</sub> , SWAMP <sub>S</sub> , Pico <sub>S</sub> and Pico <sub>S2</sub> .	Total Coliform Count	2 <sub>S</sub> - >8** MPN/100 mL 3 <sub>S</sub> - <1.1** MPN/100 mL 4 <sub>S</sub> - >8** MPN/100 mL 5 <sub>S</sub> - <1.1** MPN/100 mL 6 <sub>S</sub> - 4.6** MPN/100 mL 8 <sub>S</sub> - <1.1** MPN/100 mL 9 <sub>S</sub> - <1.1** MPN/100 mL 12 <sub>S</sub> - <1.1** MPN/100mL 14 <sub>S</sub> - >8** MPN/100mL Lubas <sub>S</sub> - >8** MPN/100mL A <sub>S</sub> - <1.1** MPN/100 mL PPSS <sub>S</sub> - 8** MPN/100mL JICA <sub>S1</sub> - <1.1** MPN/100mL JICA <sub>S2</sub> - <1.1** MPN/100mL Swamp <sub>S</sub> - <1.1** MPN/100mL Pico <sub>S1</sub> - <1.1** MPN/100mL Pico <sub>S2</sub> - <1.1** MPN/100mL	<1.1 MPN/100mL
		E. coli	2 <sub>S</sub> - >8** MPN/100 mL 4 <sub>S</sub> - 8** MPN/100 mL 6 <sub>S</sub> - <1.1** MPN/100 mL 14 <sub>S</sub> - >8** MPN/100mL Lubas <sub>S</sub> - >8** MPN/100mL PPSS <sub>S</sub> - 8** MPN/100mL	<1.1 MPN/100mL

CERTIFIED TRUE COPY

*Signature* 11/26/2020



DEPT. REGISTRATION  
01-01-00000

DOH ACCREDITED  
14-09-010001

ISO 9001:2015  
1-01-00000

## REPORT OF ANALYSIS

Req. Ref. No. : CAR-082019-MIC-0500 and MIC-0502  
Date Submitted : August 07, 2019  
Date Analyzed : August 07-09, 2019  
Date Reported : August 13, 2019  
Submitted by : Customer Name :  
Name of Company : **LA TRINIDAD WATER DISTRICT**  
Address : **Km. 4, La Trinidad, Benguet**

Page : Page 2 of 2

			2 <sub>s</sub> – 19 CFU/mL 3 <sub>s</sub> – <1*** CFU/mL 4 <sub>s</sub> – <1*** CFU/mL 5 <sub>s</sub> – <1*** CFU/mL 6 <sub>s</sub> – 61 CFU/mL 8 <sub>s</sub> – 217 CFU/mL 9 <sub>s</sub> – <1*** CFU/mL 12 <sub>s</sub> – <1*** CFU/mL 14 <sub>s</sub> – 450 CFU/mL Lubas <sub>s</sub> – 191 CFU/mL A <sub>s</sub> – 87 CFU/mL PPSS <sub>s</sub> – 12*** CFU/mL JICA <sub>s1</sub> – <1*** CFU/mL JICA <sub>s2</sub> – 121 CFU/mL Swamp <sub>s</sub> – 253 CFU/mL Pico <sub>s1</sub> – <1*** CFU/100mL Pico <sub>s2</sub> – 3*** CFU/100mL	<500 CFU/mL
		Heterotrophic Plate Count		

### METHODOLOGY:

#### Total Coliform Count / *Escherichia coli*

Multiple Tube Fermentation Technique-Most Probable Number (MPN). Following Standard Methods for the Examination of Water and Waste Water, 23<sup>rd</sup> Edition 2017, Microbiological Examination 9000: 9221B, 9223A and B (Modified) and in accordance with Merck Microbiological Manual, 12<sup>th</sup> Edition.

#### Heterotrophic Plate Count

Pour Plate - Colony Forming Units (CFU) per mL. Following Standard Methods for the Examination of Water and Waste Water, 23<sup>rd</sup> Edition 2017, Microbiological Examination 9000: 9050C, 9215A and B.

REMARKS: Domestic water samples from 2<sub>s</sub>, 4<sub>s</sub>, 14<sub>s</sub>, Lubas<sub>s</sub>, and PPSS<sub>s</sub> are POSITIVE for *E. coli*.

The results given in this report are those obtained at the time of test and refer only to the particular sample submitted. This report shall not be reproduced except in full, without the written approval of the laboratory.

\* Philippine National Standards for Drinking Water (PNSDW, 2017)

\*\* Not PAB Accredited

\*\*\* Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Approved for Release by:

MARVIN L. BALABAG

Approved PAB Signatory

CERTIFIED TRUE COPY

JAMIE BETH B. GALIAN

Technical Manager

ANGEL L. MAGUEN

Quality Manager

Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

Address: BSU Compound, Km.6, La Trinidad, Benguet 2601

Tel. No. (63)(074)422-0979

Fax No. (63)(074)422-2214

e-mail address [rstlcar@gmail.com](mailto:rstlcar@gmail.com)

URL: <http://car.dost.gov.ph>