Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2019

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-112020-MIC-0812
Date Submitted : November 10, 2020
Date Analyzed : November 10-12, 2020
Date Reported : November 13, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, Balili, La Trinidad, Benguet***

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-1643 to MIC-1659 and MIC-1662 to MIC-1663	**19 Domestic water samples from terminal points placed in sterilized reagent bottle and with written label, 2_T, 3_T, 4_T, 5_T, 6_T, 8_T, 9_T, 12_T, 14_T, $Lubas_T$, $JICA_{T1}$, $JICA_{T2}$ $PPSS_{T1}$, $SWAMP_T$, A_T, $PICOWELL_{T1}$, $PICOWELL_{T2}$, $MCWFP_T$, and $Ampasit_t$.**	**Total Coliform Count**	**2_T – <1.1 MPN/100 mL** **3_T – <1.1 MPN/100 mL** **4_T – <1.1 MPN/100 mL** **5_T – <1.1 MPN/100 mL** **6_T – <1.1 MPN/100 mL** **8_T – <1.1 MPN/100 mL** **9_T – <1.1 MPN/100 mL** **12_T – <1.1 MPN/100 mL** **14_T – <1.1 MPN/100 mL** **$Lubas_T$ – <1.1 MPN/100 mL** **$JICA_{T1}$ – <1.1 MPN/100 mL** **$JICA_{T2}$ – <1.1 MPN/100 mL** **$PPSS_{T1}$ – <1.1 MPN/100 mL** **$SWAMP_T$ –<1.1MPN/100 mL** **A_T – <1.1 MPN/100 mL** **$PICOWELL_{T1}$ –<1.1MPN/100mL** **$PICOWELL_{T2}$ –<1.1MPN/100mL** ***$MCWFP_T$*– <1.1 MPN/100 mL** ***$Ampasit_t$* – <1.1 MPN/100 mL**
		E. coli	**All samples (terminal) – <1.1 MPN/100 mL**
		Heterotrophic Plate Count	**2_T – <1** CFU/mL** **3_T – <1** CFU/mL** **4_T – <1** CF/mL** **5_T – <1*** CFU/mL** **6_T – 17** CFU/mL** (2- 116 CFU/mL) a **8_T – 425 CFU/mL** (279- 647 CFU/mL) a **9_T – <1** CFU/mL** **12_T – <1** CFU/mL** **14_T – <1** CFU/mL** **$Lubas_T$– <1** CFU/mL** **$JICA_{T1}$ – <1** CFU/mL** **$JICA_{T2}$ – <1** CFU/mL** **$PPSS_{T1}$ –<1** CFU/mL** **$SWAMP_T$ – <1** CFU/mL** **A_T – <1** CFU/mL** **$PICOWELL_{T1}$ – <1** CFU/mL** **$PICOWELL_{T2}$ – <1** CFU/mL**

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REPORT OF ANALYSIS

Req. Ref. No. : CAR-112020-MIC-0812
Date Submitted : November 10, 2020
Date Analyzed : November 10-12, 2020
Date Reported : November 13, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, Balili, La Trinidad, Benguet***

MIC-1643 to MIC-1659 and MIC-1662 to MIC-1663	**19 Domestic water samples from terminal points placed in sterilized reagent bottle and with written label, 2_T, 3_T, 4_T, 5_T, 6_T, 8_T, 9_T, 12_T, 14_T, $Lubas_T$, $JICA_{T1}$, $JICA_{T2}$ $PPSS_{T1}$, $SWAMP_T$, A_T, $PICOWELL_{T1}$, $PICOWELL_{T2}$, $MCWFP_T$, and $Ampasit_t$.**	**Heterotrophic Plate Count**	**$MCWFP_T$– <1** CFU/mL** **$Ampasit_t$– <1** CFU/mL**

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, 23rd Edition 2017, Microbiological Examination 9000: 9221B; 9223A and B (Modified) and in accordance with Merck Microbiological Manual, 12th Edition.

Heterotrophic Plate Count.
Pour Plate - Colony Forming Units (CFU) per mL. Following Standard Methods for the Examination of Water and Waste Water, 23rd 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)
[a] Uncertainty of Measurement
** Estimated Heterotrophic Plate Count

Analyzed by:	Certified by:	Approved for Release by:
CLARISA ANGELLI N. LUBRICA	**JAMIE BETH B. GALIAN**	**ANGEL L. MAGUEN**
Analyst	Technical Manager	Quality Manager

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

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REPORT OF ANALYSIS

Req. Ref. No. : CAR-112020-MIC-0812 & MIC-0842
Date Submitted : November 10 & 17, 2020
Date Analyzed : November 10-12; 17-19, 2020
Date Reported : November 20, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, La Tinidad, Benguet***

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-1661 and MIC-1738	***Raw* water sample, placed in a glass bottle, covered with orange cap, without seal, and with label, *AFTER UV.***	**Total Coliform Count**	**< 1.1 MPN/100mL**
		E. coli	**< 1.1 MPN/100mL**
		Heterotrophic Plate Count	**<1* CFU/mL**

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, 23rd Edition 2017, Microbiological Examination 9000: 9221B; 9223A and B (Modified) and in accordance with Merck Microbiological Manual, 12th Edition.
Heterotrophic Plate Count.
Pour Plate - Colony Forming Units (CFU) per mL. Following Standard Methods for the Examination of Water and Waste Water, 23rd Edition 2017, Microbiological Examination 9000: 9050C; 9215A and B.

REMARKS: 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.
* Estimated Heterotrophic Plate Count

Analyzed by:
CLARISA ANGELLI N. LUBRICA
Analyst

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.