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-032021-MIC-0321
Date Submitted : March 09, 2021
Date Analyzed : March 09-11, 2021
Date Reported : March 12, 2021
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
MIC-0576 to MIC-0594	**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 – 2* CFU/mL** **3_T – <1* CFU/mL** **4_T – <1* CF/mL** **5_T – <1** CFU/mL** **6_T – <1* CFU/mL** **8_T – 68 CFU/mL** **9_T – <1* CFU/mL** **12_T – <1* CFU/mL** **14_T – <1* CFU/mL** **$Lubas_T$– <1* CFU/mL** **$JICA_{T1}$ – 62 CFU/mL** **$JICA_{T2}$ – 2* CFU/mL** **$PPSS_{T1}$ –<1** CFU/mL** **$SWAMP_T$ – <1* CFU/mL**

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MIC-0576 to MIC-0594	**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**	A_T – <1* CFU/mL $PICOWELL_{T1}$ – <1* CFU/mL $PICOWELL_{T2}$ – <1* CFU/mL $MCWFP_T$ – <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.
* 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.