

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072019-MIC-0453
Date Submitted : July 9, 2019
Date Analyzed : July 9-11, 2019
Date Reported : July 12, 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-1065 to MIC- 1081	17 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} and PICOWELL _{T2}	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 – <1.1 MPN/100 mL** A _T – <1.1 MPN/100 mL** PICOWELL _{T1} – <1.1 MPN/100 mL** PICOWELL _{T2} – <1.1 MPN/100 mL**	<1.1 MPN/100 mL
		<i>E. coli</i>	All samples (terminal) – <1.1 MPN/100 mL**	<1.1 MPN/100 mL
		Heterotrophic Plate Count	2 _T – <1*** CFU/mL 3 _T – <1*** CFU/mL 4 _T – <1*** CFU/mL 5 _T – <1*** CFU/mL 6 _T – <1*** CFU/mL 8 _T – 455 CFU/mL 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} – 460 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	<500 CFU/mL

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Signature 11262020



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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)

** 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

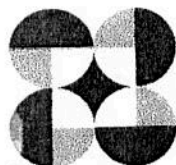
Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

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REPORT OF ANALYSIS

Req. Ref. No. : CAR-072019-MIC-0452 and MIC-0454
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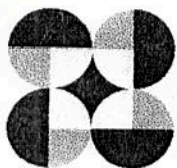
SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD*
MIC-1048 to 1064 and MIC-1084 to MIC-1091	17 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2 _s , 3 _s , 4 _s , 5 _s , 6 _s , 8 _s , 9 _s , 12 _s , 14 _s , Lubas _s , A _s , PPSS _s , JICA _{s1} , JICA _{s2} , SWAMP _s , Pico _s and Pico _{s2} .	Total Coliform Count	2 _s - >8** MPN/100 mL 3 _s - >8** MPN/100 mL 4 _s - 2.6** MPN/100 mL 5 _s - 2.6* MPN/100 mL 6 _s - <1.1** MPN/100 mL 8 _s - <1.1** MPN/100 mL 9 _s - <1.1** MPN/100 mL 12 _s - <1.1** MPN/100mL 14 _s - >8** MPN/100mL Lubas _s - >8** MPN/100mL A _s - <1.1** MPN/100 mL PPSS _s - >8** MPN/100mL JICA _{s1} - <1.1** MPN/100mL JICA _{s2} - <1.1** MPN/100mL Swamp _s - <1.1** MPN/100mL Pico _{s1} - >8** MPN/100mL Pico _{s2} - <1.1** MPN/100mL	<1.1 MPN/100mL
		E. coli	2 _s - >8** MPN/100 mL 3 _s - 2.6** MPN/100 mL 4 _s - <1.1** MPN/100 mL 5 _s - 2.6** MPN/100 mL 14 _s - >8** MPN/100mL Lubas _s - >8** MPN/100mL PPSS _s - >8** MPN/100mL Pico _{s1} - >8** MPN/100mL	<1.1 MPN/100mL

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DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DOH ACCREDITED
14-001-17412-1

PDA ACCREDITED
PDA-127-03-014

REPORT OF ANALYSIS

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		Heterotrophic Plate Count	2 _s – 990 CFU/mL 3 _s – 218 CFU/mL 4 _s – 7*** CFU/mL 5 _s – 410 CFU/mL 6 _s – 470 CFU/mL 8 _s – 1,110 CFU/mL 9 _s – <1*** CFU/mL 12 _s – 1*** CFU/mL 14 _s – 2,295 CFU/mL Lubas _s – 7,550 CFU/mL A _s – 505 CFU/mL PPSS _s – 9,500 CFU/mL JICA _{s1} – 46 CFU/mL JICA _{s2} – 291 CFU/mL Swamp _s – 1,025 CFU/mL Pico _{s1} – 11,900 CFU/100mL Pico _{s2} – 156 CFU/100mL	<500 CFU/mL
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METHODOLOGY:

Total Coliform Count / *Escherichia coli*

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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 2_s, 3_s, 5_s, 14_s, Lubas_s, PPSS_s and Pico_{s1} 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.

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*** Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Approved for Release by:

MARVIN L. BALABAG

Approved PAB Signatory

JAMIE BETH B. GALIAN

Technical Manager

ANGEL L. MAGUEN

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Janina 12/2/2020