



REPORT OF ANALYSIS

Req. Ref. No. : CAR-122016-MIC-0793
 Date Submitted : December 15, 2016
 Date Analyzed : December 15-17, 2016
 Date Reported : December 19, 2016
 Submitted by : Customer Name :
 Name of Company : **LA TRINIDAD WATER DISTRICT**
 Address : Km. 4, Balili, La Trinidad, Benguet

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-1792 to 1808	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} , PPSS _{T2} , SWAMP _T , A _T , PICOWELL _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 PPSS _{T2} – <1.1 MPN/100 mL SWAMP _T – <1.1 MPN/100 mL A _T – <1.1 MPN/100 mL PICOWELL _T – <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 – 6* CFU/mL 5 _T – 9* CFU/mL 6 _T – <1* CFU/mL 8 _T – <1* CFU/mL 9 _T – 12* CFU/mL 12 _T – <1* CFU/mL 14 _T – 2* CFU/mL Lubas _T – 16* CFU/mL JICA _{T1} – <1* CFU/mL JICA _{T2} – <1* CFU/mL PPSS _{T1} – <1* CFU/mL PPSS _{T2} – <1* CFU/mL SWAMP _T – 3* CFU/mL A _T – 1* CFU/mL PICOWELL _T – <1* CFU/mL	<500 CFU/mL



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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, 22nd Edition 2012, Microbiological Examination 9000: 9215B; 9221A, B and C; 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, 22nd Edition 2012, Microbiological Examination 9000: 9215A and B.

REMARKS: Domestic water samples from all terminal points 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:

Certified by:

Confirmed and Approved for Release by:


CLARISA ANGELLI L. NAGPALA
Analyst


JAMIE BETH B. GALIAN
Approved PAB Signatory


NANCY A. BANTOG
Quality Manager

Note: Not valid without DOST-CAR seal