





DENR RECOGNIZED C.R No. 078/2015

FDA ACCREDITED FDA LA-2014-018

REPORT OF ANALYSIS

Reg. Ref. No.

: CAR-032016-MIC-0276

Date Submitted

: March 14-15, 2016

Date Analyzed Date Reported

: March 14-17, 2016

Submitted by

: March 21, 2016 : Customer Name

: Engr. Oliver L. Taule

Name of Company : LA TRINIDAD WATER DISTRICT : Km. 5, Pico, La Trinidad, Benguet

Address

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-0455 to 0470	16 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 , A _T , Lubas _T , JICA _{T1} , JICA _{T2} PPSS _{T1} , PPSS _{T2} and SWAMP _T	Total Coliform Count	$\begin{array}{l} 2_T - < 1.1 \ \text{MPN/100 ml} \\ 3_T - < 1.1 \ \text{MPN/100 ml} \\ 4_T - < 1.1 \ \text{MPN/100 ml} \\ 5_T - < 1.1 \ \text{MPN/100 ml} \\ 6_T - < 1.1 \ \text{MPN/100 ml} \\ 8_T - < 1.1 \ \text{MPN/100 ml} \\ 9_T - < 1.1 \ \text{MPN/100 ml} \\ 12_T - < 1.1 \ \text{MPN/100 ml} \\ 14_T - < 1.1 \ \text{MPN/100 ml} \\ 14_T - < 1.1 \ \text{MPN/100 ml} \\ \text{Lubas}_T - < 1.1 \ \text{MPN/100 ml} \\ \text{Lubas}_T - < 1.1 \ \text{MPN/100 ml} \\ \text{JICA}_{T2} - < 1.1 \ \text{MPN/100 ml} \\ \text{JICA}_{T2} - < 1.1 \ \text{MPN/100 ml} \\ \text{PPSS}_{T1} - < 1.1 \ \text{MPN/100 ml} \\ \text{PPSS}_{T2} - < 1.1 \ \text{MPN/100 ml} \\ \text{SWAMP}_T - < 1.1 \ \text{MPN/100 l} \\ \end{array}$	<1.1 MPN/100ml
		E. coli	All samples (terminal) – <1.1 MPN/100 ml	<1.1 MPN/100ml
		Heterotrophic Plate Count	$\begin{array}{lll} 2_T - & <1* \ CFU/mI \\ 3_T - & <1* \ CFU/mI \\ 4_T - & <1* \ CFU/mI \\ 5_T - & <1* \ CFU/mI \\ 6_T - & <1* \ CFU/mI \\ 8_T - & <1* \ CFU/mI \\ 9_T - & <1* \ CFU/mI \\ 12_T - & <1* \ CFU/mI \\ 14_T - & <1* \ CFU/mI \\ Lubas_T - & <1* \ CFU/mI \\ Lubas_T - & <1* \ CFU/mI \\ JICA_{T1} - & <1* \ CFU/mI \\ JICA_{T2} - & 23 \ CFU/mI \\ PPSS_{T1} - & <1* \ CFU/mI \\ PPSS_{T2} - & <1* \ CFU/mI \\ SWAMP_T - & <1* \ CFU/mI \\ \end{array}$	<500 CFU/ml
LO				Mag

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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:

Confirmed and Approved for Release by:

Approved PAB Signatory

NANCY A. BANTOG Quality Manager

Note: Not valid without DOST-CAR seal

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