

Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY

Cordillera Administrative Region Regional Standards and Testing Laboratory





Req. Ref. No.

: CAR-12016-MIC-0050

Date Submitted

: January 11, 2016

Date Analyzed

: January 11-13, 2016

Date Reported

: January 14, 2016 : Customer Name

: Engr. Oliver L. Taule

REPORT OF ANALYSIS

Submitted by

Name of Company : LA TRINIDAD WATER DISTRICT

Address

: Km. 5, Pico, La Trinidad, Benguet

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-0063- 0078	16 Domestic water samples from terminal points placed in sterilized reagent bottle and with written label, 2T, 3T, 4T, 5T, 6T, 8T, 9T, 12T, 14T, AT, LT, JICA _{T1} , PPSS _{T2} and SWAMP _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 14_T = <1.1 MPN/100 ml Lubas $_T$ = <1.1 MPN/100 ml JICA $_T$ = <1.1 MPN/100 ml JICA $_T$ = <1.1 MPN/100 ml JICA $_T$ = <1.1 MPN/100 ml PPSS $_T$ = <1.1 MPN/100 ml PPSS $_T$ = <1.1 MPN/100 ml SWAMP $_T$ = <1.1 MPN/100 l	<1.1 MPN/100ml
		E. coli	All samples (terminal) – <1.1 MPN/100 ml	<1.1 MPN/100ml
	×	Heterotrophic Plate Count	$\begin{array}{l} 2_T - <1^* \ CFU/mI \\ 3_T - <1^* \ CFU/mI \\ 4_T - 6^* \ CF/mI \\ 5_T - 14^* \ CFU/mI \\ 6_T - <1^* \ CFU/mI \\ 8_T - <1^* \ CFU/mI \\ 9_T - <1^* \ CFU/mI \\ 12_T - <1^* \ CFU/mI \\ 14_T - <1^* \ CFU/mI \\ Lubas_T - 28^* \ CFU/mI \\ Lubas_T - 28^* \ CFU/mI \\ JICA_{T2} - <1^* \ CFU/mI \\ JICA_{T2} - <1^* \ CFU/mI \\ PPSS_{T1} - <1^* \ CFU/mI \\ PPSS_{T2} - <1^* \ CFU/mI \\ SWAMP_T - <1^* \ CFU/mI \\ \end{array}$	<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 terminals 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:

JAMIE BETH B. GALIAN Approved PAB Signatory

Quality Manager

Note: Not valid without DOST-CAR seal

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