





DOH ACCREDITED WATER TESTING LABORATORY WTL-020-14-CAR-G

DENR RECOGNIZED C.R No. 078/2015

FDA ACCREDITED FDA LA-2014-018

REPORT OF ANALYSIS

Reg. Ref. No.

: CAR-022016-MIC-0210

Date Submitted

: February 15, 2016

Date Analyzed Date Reported

: February 15-17, 2016

Submitted by

: February 18, 2016

: Customer Name

: Engr. Oliver L. Taule

Address

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

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-0315- 0330	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} , JICA _{T2} PPSS _{T1} , PPSS _{T2} and SWAMP _T	Total Coliform Count	$2_T - <1.1 \text{ MPN}/100 \text{ mI}$ $3_T - <1.1 \text{ MPN}/100 \text{ mI}$ $4_T - <1.1 \text{ MPN}/100 \text{ mI}$ $5_T - <1.1 \text{ MPN}/100 \text{ mI}$ $6_T - <1.1 \text{ MPN}/100 \text{ mI}$ $8_T - <1.1 \text{ MPN}/100 \text{ mI}$ $9_T - <1.1 \text{ MPN}/100 \text{ mI}$ $12_T - <1.1 \text{ MPN}/100 \text{ mI}$ $14_T - <1.1 \text{ MPN}/100 \text{ mI}$ $14_T - <1.1 \text{ MPN}/100 \text{ mI}$ $14_T - <1.1 \text{ MPN}/100 \text{ mI}$ $1100 $	<1.1 MPN/100ml
		E. coli	All samples (terminal) – <1.1 MPN/100 ml	<1.1 MPN/100ml
		Heterotrophic Plate Count	$\begin{array}{l} 2_T - \ 1^* \ CFU/ml \\ 3_T - \ <1^* \ CFU/ml \\ 4_T - \ <1^* \ CFU/ml \\ 5_T - \ <1^* \ CFU/ml \\ 6_T - \ <1^* \ CFU/ml \\ 8_T - \ <1^* \ CFU/ml \\ 9_T - \ <1^* \ CFU/ml \\ 12_T - \ <1^* \ CFU/ml \\ 14_T - \ <1^* \ CFU/ml \\ Lubas_T - \ 16^* \ CFU/ml \\ Lubas_T - \ 16^* \ CFU/ml \\ JICA_{T2} - \ <1^* \ CFU/ml \\ JPSS_{T1} - \ <1^* \ CFU/ml \\ PPSS_{T2} - \ <1^* \ CFU/ml \\ SWAMP_T - \ <1^* \ CFU/ml \\ \end{array}$	<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 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:

JAMIE BETH B. GALIAN Approved PAB Signatory

Quality Manager

Note: Not valid without DOST-CAR seal

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