



DENR RECOGNIZED
C.R No. 078/2015

FDA ACCREDITED
FDA LA-2014-018

DOH ACCREDITED
14-001-17-LW-1

REPORT OF ANALYSIS

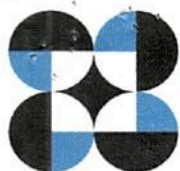
Req. Ref. No. : CAR-082018-MIC-0665 & MIC-0666, MIC-0673
Date Submitted : August 08 & 10, 2018
Date Analyzed : August 08-15, 2018
Date Reported : August 15, 2018
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : Km. 4, Balili, La Trinidad, Benguet

Page : Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-1367 to 1383, MIC-1396 and MIC-1406	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 , PICOWELL _T , PICOWELL _{T2} and A _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 SWAMP _T – <1.1 MPN/100 mL A _T – <1.1 MPN/100 mL PICOWELL _T – <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 – 3* CFU/mL 3 _T – 3* CFU/mL 4 _T – <1* CFU/mL 5 _T – <1* CFU/mL 6 _T – <1* CFU/mL 8 _T – 81 CFU/mL 9 _T – <1* CFU/mL 12 _T – 2* CFU/mL 14 _T – 6* CFU/mL Lubas _T – 3* CFU/mL JICA _{T1} – <1* CFU/mL JICA _{T2} – 96* CFU/mL PPSS _{T1} – <1* CFU/mL SWAMP _T – 71 CFU/mL A _T – <1* CFU/mL PICOWELL _T – <1* CFU/mL PICOWELL _{T2} – <1* CFU/mL	<500 CFU/mL

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REPORT OF ANALYSIS

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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 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:

Approved for Release by:


JAMIE BETH B. GALIAN
Approved PAB Signatory


ANGEL L. MAGUEN
Quality Manager

Note: Not valid without DOST-CAR seal



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REPORT OF ANALYSIS

Req. Ref. No. : CAR-082018-MIC-0664 and MIC-0666
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Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : Km. 4, La Trinidad, Benguet

Page : Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-1350 to 1366 and MIC-1386 to MIC-1393	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 , As, 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 - >8 MPN/100 mL 5 _s - <1.1 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 - >8 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL As - <1.1 MPN/100 mL PPSS _s - >8 MPN/100mL JICA _{s1} - <1.1 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamp _s - >8 MPN/100mL Pico _{s1} - <1.1 MPN/100mL Pico _{s2} - <1.1 MPN/100mL	<1.1 MPN/100mL
		E. coli	2 _s - >8 MPN/100 mL 3 _s - 4.6 MPN/100 mL 4 _s - 4.6 MPN/100 mL 12 _s - 4.6 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL PPSS _s - >8 MPN/100mL Swamp _s - 4.6 MPN/100mL	<1.1 MPN/100mL



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		Heterotrophic Plate Count	2 _s – 495 CFU/mL 3 _s – 241 CFU/mL 4 _s – 17* CFU/mL 5 _s – 6* CFU/mL 6 _s – 3* CFU/mL 8 _s – 45 CFU/mL 9 _s – 8* CFU/mL 12 _s – 2,075 CFU/mL 14 _s – 725 CFU/mL Lubas _s – 995 CFU/mL A _s – <1* CFU/mL PPSS _s – 149 CFU/mL JICA _{s1} – 5* CFU/mL JICA _{s2} – 12* CFU/mL Swamp _s – 92 CFU/mL Pico _{s1} – 20* CFU/100mL Pico _{s2} – 22* CFU/100mL	<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, 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 2_s, 3_s, 4_s, 12_s, 14_s, Lubas_s, PPSS_s and Swamp_s are POSITIVE for *E. coli*.

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* Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Approved for Release by:

MARVI JOY L. BALABAG
Analyst

JAMIE BETH B. GALIAN
Approved PAB Signatory

ANGEL L. MAGUEN
Quality Manager

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		E. coli	2s – >8 MPN/100 mL 3s – 4.6 MPN/100 mL 4s – 4.6 MPN/100 mL 12s – 4.6 MPN/100mL 14s – >8 MPN/100mL Lubas _s – >8 MPN/100mL PPSS _s – >8 MPN/100mL Swamp _s – 4.6 MPN/100mL	<1.1 MPN/100mL



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