



REPORT OF ANALYSIS

Req. Ref. No. : CAR-062019-MIC-0378 and MIC-0382
Date Submitted : June 10, 2019
Date Analyzed : June 10-12, 2019
Date Reported : June 13, 2019
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : Km. 4, La Trinidad, Benguet

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| SAMPLE CODE | SAMPLE DESCRIPTION | TEST | RESULT | STANDARD (PNS for Drinking Water, 2017) |
|---|--|----------------------|---|--|
| MIC-0914 to 0930 and MIC-0934 to MIC-0941 | 17 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2s, 3s, 4s, 5s, 6s, 8s, 9s, 12s, 14s, Lubass, As, PPSSs, JICA _{s1} , JICA _{s2} , SWAMPs, Picos and Picos ₂ . | Total Coliform Count | 2s – >8* MPN/100 mL 3s – <1.1* MPN/100 mL 4s – >8* MPN/100 mL 5s – <1.1* MPN/100 mL 6s – <1.1* MPN/100 mL 8s – <1.1* MPN/100 mL 9s – <1.1* MPN/100 mL 12s – <1.1* MPN/100mL 14s – >8* MPN/100mL Lubass – >8* MPN/100mL As – >8* MPN/100 mL PPSSs – >8* MPN/100mL JICA _{s1} – >8* MPN/100mL JICA _{s2} – <1.1* MPN/100mL Swamp _s – <1.1* MPN/100mL Picos ₁ – >8* MPN/100mL Picos ₂ – <1.1* MPN/100mL | <1.1 MPN/100mL |
| | | E. coli | 2s – >8* MPN/100 mL 4s – >8* MPN/100 mL 14s – >8* MPN/100mL Lubass – >8* MPN/100mL As – >8* MPN/100 mL PPSSs – >8* MPN/100mL JICA _{s1} – >8* MPN/100mL Picos ₁ – >8* MPN/100mL | <1.1 MPN/100mL |

8

Up

Sm



DENR RECOGNIZED
C.R No. 078/2015

FDA ACCREDITED
FDA LA-2014-018

DOH ACCREDITED
14-001-17-LW-1

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| | | | | |
|--|--|----------------------------------|---|-----------------------|
| | | Heterotrophic Plate Count | 2s - 116 CFU/mL 3s - 131 CFU/mL 4s - 4** CFU/mL 5s - 3** CFU/mL 6s - 168 CFU/mL 8s - 520 CFU/mL 9s - <1** CFU/mL 12s - <1** CFU/mL 14s - 465 CFU/mL Lubass - 14,950 CFU/mL As - 1,305 CFU/mL PPSSs - 1,135 CFU/mL JICA _{s1} - 96 CFU/mL JICA _{s2} - 255 CFU/mL Swamp _s - 605 CFU/mL Pico _{s1} - 415 CFU/100mL Pico _{s2} - <1** CFU/100mL | <500 CFU/mL |
|--|--|----------------------------------|---|-----------------------|

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 2s, 4s, 14s, JICA_{s1}, Lubass, As, PPSSs and Pico_{s1} are POSITIVE for *E. coli*.

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.

* Not PAB Accredited

**Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Approved for Release by:

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Approved PAB Signatory

JAMIE BETH B. GALIAN
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Note: Not valid without DOST-CAR seal

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