



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092017-MIC-0668 and MIC-0672
Date Submitted : September 11, 2017
Date Analyzed : September 11-13, 2017
Date Reported : September 18, 2017
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, 2007)
MIC-1516 to 1532 and MIC-1552 to 1558	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, Lubas _s , As _s , PPSS _s , JICA _{s1} , JICA _{s2} , SWAMP _s Pico _s and Pico _{s2} .	Total Coliform Count	2 _s - >8 MPN/100 mL 3 _s - <1.1 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 - <1.1 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL As _s - >8 MPN/100 mL PPSS _s - >8 MPN/100mL JICA _{s1} - <1.1 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamp _s - <1.1 MPN/100mL Pico _{s1} - >8 MPN/100mL Pico _{s2} - <1.1 MPN/100mL	<1.1 MPN/100mL
		E. coli	2 _s - >8 MPN/100 mL 4 _s - <1.1 MPN/100 mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL As _s - >8 MPN/100 mL PPSS _s - >8 MPN/100mL Pico _{s1} - 2.6 MPN/100mL	<1.1 MPN/100mL

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MIC-1516 to 1532 and MIC-1552 to 1558	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, Lubas _s , A _s , PPSS _s , JICA _{s1} , JICA _{s2} , SWAMP _s , Pico _s and Pico _{s2} .	Heterotrophic Plate Count	2 _s – 840 CFU/mL 3 _s – 3* CFU/mL 4 _s – 146 CFU/mL 5 _s – <1* CFU/mL 6 _s – 45 CFU/mL 8 _s – 108 CFU/mL 9 _s – 15* CFU/mL 12 _s – <1* CFU/mL 14 _s – 780 CFU/mL Lubas _s – 655 CFU/mL A _s – 135 CFU/mL PPSS _s – 4,950 CFU/mL JICA _{s1} – 168 CFU/mL JICA _{s2} – <1* CFU/mL Swamp _s – 124 CFU/mL Pico _{s1} – 51 CFU/100mL Pico _{s2} – 242 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, 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 2_s, 14_s, Lubas_s, A_s, PPSS_s, 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.

* Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Confirmed and Approved for Release by:

MARVI JOY L. BALABAG
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REPORT OF ANALYSIS

Req. Ref. No. : CAR-092017-MIC-0669 and MIC-0674; CAR-092017-MIC-0675
Date Submitted : September 11 & 14, 2017
Date Analyzed : September 11-16, 2017
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Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : Km. 4, Balili, La Trinidad, Benguet

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-1533 to 1549; MIC-1560 to 1561; MIC- 1562 to 1563	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 , A _T , PICOWELL _{T1} , PICOWELL _{T2} .	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 – <1.1MPN/100 mL A _T – <1.1 MPN/100 mL PICOWELL _{T1} – <1.1 MPN/100mL PICOWELL _{T2} – <1.1MPN/100mL	<1.1 MPN/100 mL
		<i>E. coli</i>	All terminal– <1.1 MPN/100 mL	<1.1 MPN/100 mL
		Heterotrophic Plate Count	2 _T – 1* CFU/mL 3 _T – <1* CFU/mL 4 _T – 73 CF/mL 5 _T – <1* CFU/mL 6 _T – <1* CFU/mL 8 _T – 5* CFU/mL 9 _T – <1* CFU/mL 12 _T – <1* CFU/mL 14 _T – 224 CFU/mL Lubas _T – <1* CFU/mL JICA _{T1} – <1* CFU/ml JICA _{T2} – <1* CFU/mL PPSS _{T1} – <1* CFU/mL SWAMP _T – <1* CFU/mL A _T – <1* CFU/mL PICOWELL _{T1} – <1* CFU/mL PICOWELL _{T2} – <1* CFU/mL	<500 CFU/mL



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METHODOLOGY:

Total Coliform Count / *Escherichia coli*

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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.

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*Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Confirmed and Approved for Release by:


CLARISA ANGELLI L. NAGPALA
Analyst


JAMIE BETH B. GALIAN
Approved PAB Signatory


NANCY A. BANTOG
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Note: Not valid without DOST-CAR seal