



REPORT OF ANALYSIS

Req. Ref. No. : CAR-052019-MIC-0327 and MIC-0329
 Date Submitted : May 15, 2019
 Date Analyzed : May 15-17, 2019
 Date Reported : May 20, 2019
 Submitted by : Customer Name :
 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, 2017)
MIC-0755 to 0771 and MIC-0791 to MIC-0798	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 , A _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 - >8* MPN/100mL 14 _s - >8* MPN/100mL Lubas _s - >8* MPN/100mL A _s - 4.6* MPN/100 mL PPSS _s - <1.1* MPN/100mL JICA _{s1} - >8* MPN/100mL JICA _{s2} - <1.1* MPN/100mL Swamps - <1.1* MPN/100mL Pico _{s1} - >8* MPN/100mL Pico _{s2} - <1.1* MPN/100mL	<1.1 MPN/100mL
		<i>E. coli</i>	2 _s - >8* MPN/100 mL 4 _s - >8* MPN/100 mL 12 _s - >8* MPN/100 mL 14 _s - >8* MPN/100mL Lubas _s - >8* MPN/100mL A _s - <1.1* MPN/100 mL JICA _{s1} - >8* MPN/100mL Pico _{s1} - >8* MPN/100mL	<1.1 MPN/100mL

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DENR RECOGNIZED
 C.R No. 078/2015

FDA ACCREDITED
 FDA LA-2014-018

DOH ACCREDITED
 14-001-17-LW-1

REPORT OF ANALYSIS

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MIC-0755 to 0771 and MIC-0791 to MIC-0798	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, A_s, PPSS_s, JICA_{s1}, JICA_{s2}, SWAMP_s Pico_s and Pico_{s2}.	Heterotrophic Plate Count	2 _s – 1,190 CFU/mL 3 _s – 9** CFU/mL 4 _s – 3** CFU/mL 5 _s – 57 CFU/mL 6 _s – 156 CFU/mL 8 _s – 1,760 CFU/mL 9 _s – <1** CFU/mL 12 _s – 23** CFU/mL 14 _s – 925 CFU/mL Lubas _s – 48 CFU/mL A _s – 68 CFU/mL PPSS _s – 18** CFU/mL JICA _{s1} – 550 CFU/mL JICA _{s2} – <1** CFU/mL Swamp _s – 785 CFU/mL Pico _{s1} – 890 CFU/100mL Pico _{s2} – 48 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, 4_s, 12_s, 14_s, Lubas_s, JICA_{s1} 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:

MARVI JOY L. BALABAG
 Approved PAB Signatory

JAMIE BETH B. GALIAN
 Technical Manager

ANGEL L. MAGUEN
 Quality Manager

Note: Not valid without DOST-CAR seal

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MIC-0755 to 0771 and MIC-0791 to MIC-0798	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 - <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 - >8* MPN/100mL 14 _s - >8* MPN/100mL Lubas _s - >8* MPN/100mL As - 4.6* MPN/100 mL PPSS _s - <1.1* MPN/100mL JICA _{s1} - >8* 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
		<i>E. coli</i>	2 _s - >8* MPN/100 mL 4 _s - >8* MPN/100 mL 12 _s - >8* MPN/100 mL 14 _s - >8* MPN/100mL Lubas _s - >8* MPN/100mL As - <1.1* MPN/100 mL JICA _{s1} - >8* MPN/100mL Pico _{s1} - >8* MPN/100mL	<1.1 MPN/100mL

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DENR RECOGNIZED
 C.R No. 078/2015

FDA ACCREDITED
 FDA LA-2014-018

DOH ACCREDITED
 14-001-17-LW-1

REPORT OF ANALYSIS

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MIC-0755 to 0771 and MIC-0791 to MIC-0798	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, A_s, PPSS_s, JICA_{s1}, JICA_{s2}, SWAMP_s Pico_s and Pico_{s2}.	Heterotrophic Plate Count	2 _s – 1,190 CFU/mL 3 _s – 9** CFU/mL 4 _s – 3** CFU/mL 5 _s – 57 CFU/mL 6 _s – 156 CFU/mL 8 _s – 1,760 CFU/mL 9 _s – <1** CFU/mL 12 _s – 23** CFU/mL 14 _s – 925 CFU/mL Lubas _s – 48 CFU/mL A _s – 68 CFU/mL PPSS _s – 18** CFU/mL JICA _{s1} – 550 CFU/mL JICA _{s2} – <1** CFU/mL Swamps _s – 785 CFU/mL Pico _{s1} – 890 CFU/100mL Pico _{s2} – 48 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, 4_s, 12_s, 14_s, Lubas_s, JICA_{s1} 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.

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**Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Approved for Release by:

MARVI JOY L. BALABAG
 Approved PAB Signatory

JAMIE BETH B. GALIAN
 Technical Manager

ANGEL L. MAGUEN
 Quality Manager

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REPORT OF ANALYSIS

Req. Ref. No. : CAR-052019-MIC-0328
 Date Submitted : May 15, 2019
 Date Analyzed : May 15-17, 2019
 Date Reported : May 20, 2019
 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, 2017)
MIC-0772 to MIC-0787	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} and 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 – <1.1 MPN/100 mL* A _T – <1.1 MPN/100 mL* PICOWELL _{T1} – <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 – 5** CFU/mL 3 _T – <1** CFU/mL 4 _T – <1** CFU/mL 5 _T – <1** CFU/mL 6 _T – <1** CFU/mL 8 _T – 171 CFU/mL 9 _T – <1** CFU/mL 12 _T – <1** CFU/mL 14 _T – <1** CFU/mL Lubas _T – <1** CFU/mL JICA _{T1} – <1** CFU/mL JICA _{T2} – 129 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*

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 are 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:


CLARISA ANGELLI N. LUBRICA
 Approved PAB Signatory

Certified by:


JAMIE BETH B. GALIAN
 Technical Manager

Approved for Release by:


ANGEL L. MAGUEN
 Quality Manager

Note: Not valid without DOST-CAR seal