



REPORT OF ANALYSIS

Req. Ref. No. : CAR-012017-MIC-0054
Date Submitted : January 9, 2017
Date Analyzed : January 9-11, 2017
Date Reported : January 12, 2017
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-0082 to 0095	16 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 _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	<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 – <1* CFU/mL 3 _T – 2* CFU/mL 4 _T – <1* CFU/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 – <1* CFU/mL Lubas _T – <1* CFU/mL JICA _{T1} – <1* CFU/mL JICA _{T2} – <1* CFU/mL PPSS _{T1} – 9* CFU/mL SWAMP _T – <1* CFU/mL A _T – <1* CFU/mL PICOWELL _T – 6* 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, 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:


CLARISA ANGELLI L. NAGPALA
Analyst

Certified by:


JAMIE BETH B. GALIAN
Approved PAB Signatory

Confirmed and Approved for Release by:


NANCY A. BANTOG
Quality Manager

Note: Not valid without DOST-CAR seal



REPORT OF ANALYSIS

Req. Ref. No. : CAR-012017-MIC-0055 and MIC-0060
Date Submitted : January 09, 2017
Date Analyzed : January 09-11, 2017
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Name of Company : **LA TRINIDAD WATER DISTRICT**
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Page : Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-0096 to 0111 and MIC-0118 to 0126	16 Domestic water samples from source points placed in sterilized reagent bottle and with written label, 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 and Pico _s .	Total Coliform Count	2 _s – >8 MPN/100 mL 3 _s – >8 MPN/100 mL 4 _s – 2.6 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 – >8 MPN/100 mL PPSS _s – >8 MPN/100mL JICA _{s1} – 8 MPN/100mL JICA _{s2} – <1.1 MPN/100mL SWAMP _s – 8 MPN/100mL Pico _s – >8 MPN/100mL	<1.1 MPN/100mL
		<i>E. coli</i>	2 _s – >8 MPN/100 mL 3 _s – >8 MPN/100 mL 4 _s – <1.1 MPN/100 mL 12 _s – <1.1 MPN/100mL 14 _s – >8 MPN/100mL Lubas _s – 8 MPN/100mL As – 2.6 MPN/100 mL PPSS _s – >8MPN/100mL JICA _{s1} – 8 MPN/100mL SWAMP _s – 8 MPN/100mL Pico _s – 8 MPN/100mL	<1.1 MPN/100mL



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Address : Km. 4, Balili, La Trinidad, Benguet

Page : Page 2 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-0096 to 0111 and MIC- 0118 to 0126	16 Domestic water samples from source points placed in sterilized reagent bottle and with written label, 2s, 3s, 4s, 5s, 6s, 8s, 9s, 12s, 14s, Lubass, As, PPSSs, JICA _{s1} , JICA _{s2} , SWAMPs and Picos.	Heterotrophic Plate Count	2s - 1,700 CFU/mL 3s - 9 CFU/mL 4s - 1* CFU/mL 5s - 63 CFU/mL 6s - 25 CFU/mL 8s - 14 CFU/mL 9s - <1* CFU/mL 12s - 2* CFU/mL 14s - 1,430 CFU/mL Lubass - 27 CFU/mL As - 50 CFU/mL PPSSs - 17,900 CFU/mL JICA _{s1} - 1,695 CFU/mL JICA _{s2} - <1* CFU/mL SWAMPs - 1,890 CFU/mL Picos - 200 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, 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 2s, 3s, 14s, Lubas, As, PPSSs, JICA_{s1}, Swamp, and Pico_s are POSITIVE for *E. coli*.

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* Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Confirmed and Approved for Release by:

MARVI JOY L. BALABAG
Analyst

JAMIE BETH B. GALIAN
Approved PAB Signatory

NANCY A. BANTOG
Quality Manager

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REPORT OF ANALYSIS

Req. Ref. No. : CAR-022017-MIC-0197; MIC-0205; MIC-0206
Date Submitted : January 13, 2017
Date Analyzed : January 13-17, 2017
Date Reported : January 17, 2017
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-0322-0337; MIC-0354-0355 and MIC-0356-MIC-0357	16 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 _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	<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 – <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 – 2* CFU/mL 9 _T – 160 CFU/mL 12 _T – <1* CFU/mL 14 _T – 8* 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 _T – <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.

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