



REPORT OF ANALYSIS

Req. Ref. No. : CAR-042017-MIC-0327
Date Submitted : April 10, 2017
Date Analyzed : April 10-12, 2017
Date Reported : April 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-0652-0667	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 – 2* CFU/mL 8 _T – <1* 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} – 3* CFU/mL SWAMP _T – <1* CFU/mL A _T – <1* CFU/mL PICOWELL _T – <1* CFU/mL	<500 CFU/mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-042017-MIC-0327
Date Submitted : April 10, 2017
Date Analyzed : April 10-12, 2017
Date Reported : April 12, 2017
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : Km. 4, Balili, La Trinidad, Benguet

Page : Page 2 of 2

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-042017-MIC-0326 and MIC-0328
Date Submitted : April 10, 2017
Date Analyzed : April 10-12, 2017
Date Reported : April 17, 2017
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, 2007)
MIC-0635 to 0651 and MIC-0668 to 0675	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, PPSS _s , JICA _{s1} , JICA _{s2} , SWAMP _s Pico _s and Pico _{s2} .	Total Coliform Count	2s - >8 MPN/100 mL 3s - <1.1 MPN/100 mL 4s - 2.6 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 - <1.1 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 - 2.6 MPN/100mL Pico _s - >8 MPN/100mL Pico _{s2} - >1.1 MPN/100mL	<1.1 MPN/100mL
		E. coli	2s - >8 MPN/100 mL 4s - <1.1 MPN/100 mL Lubas _s - >8 MPN/100mL As - >8 MPN/100 mL PPSS _s - >8 MPN/100mL JICA _{s1} - >8 MPN/100mL Swamp _s - <1.1 MPN/100mL Pico _s - <1.1 MPN/100mL	<1.1 MPN/100mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-042017-MIC-0326 and MIC-0328
Date Submitted : April 10, 2017
Date Analyzed : April 10-12, 2017
Date Reported : April 17, 2017
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : Km. 4, La Trinidad, Benguet

Page : Page 2 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
MIC-0635 to 0651 and MIC-0668 to 0675	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 - 1,370 CFU/mL 3 _s - 16* CFU/mL 4 _s - 49 CFU/mL 5 _s - 96 CFU/mL 6 _s - 4* CFU/mL 8 _s - 68 CFU/mL 9 _s - <1* CFU/mL 12 _s - 35 CFU/mL 14 _s - 232 CFU/mL Lubas _s - 148 CFU/mL A _s - 84 CFU/mL PPSS _s - 16,750 CFU/mL JICA _{s1} - 1,010 CFU/mL JICA _{s2} - <1* CFU/mL Swamp _s - 1,700 CFU/mL Pico _s - 76 CFU/100mL Pico _{s2} - 41 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 2_s, Lubas_s, A_s, PPSS_s and JICA_{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
Analyst


JAMIE BETH B. GALIAN
Approved PAB Signatory


NANCY A. BANTOG
Quality Manager

Note: Not valid without DOST-CAR seal

Address: BSU Compound, Km.6, La Trinidad, Benguet 2601
Tel. No. (63)(074)422-0979
Fax No. (63)(074)422-2214

e-mail address: rstlcar@gmail.com
URL: <http://car.dost.gov.ph>