Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2015

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072020-MIC-0413
Date Submitted : July 14, 2020
Date Analyzed : July 14-16, 2020
Date Reported : July 17, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, Balili, La Trinidad, Benguet***

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-0905 to MIC-0921 & MIC-0924	**18 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 $PICOWELL_{T2}$, $MCWFP_T$.**	**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** **$SWAMP_T$ –<1.1MPN/100 mL** **A_T – <1.1 MPN/100 mL** **$PICOWELL_{T1}$ –<1.1MPN/100mL** **$PICOWELL_{T2}$ –<1.1MPN/100mL** ***$MCWFP_T$*– <1.1 MPN/100 mL**
		E. coli	**All samples (terminal) – <1.1 MPN/100 mL**
		Heterotrophic Plate Count	**2_T – <1** CFU/mL** **3_T – <1** CFU/mL** **4_T – <1** CF/mL** **5_T – <1** CFU/mL** **6_T – <1** CFU/mL** **8_T – 107 CFU/mL** (79-145 CFU/mL) a **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** **$JICA_{T2}$ – 6** CFU/mL** (1-46 CFU/mL)a **$PPSS_{T1}$ –<1** CFU/mL** **$SWAMP_T$ – <1** CFU/mL** **A_T – <1** CFU/mL** **$PICOWELL_{T1}$ – <1** CFU/mL** **$PICOWELL_{T2}$ – <1** CFU/mL** **$MCWFP_T$– <1**CFU/mL**

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

Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2015

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072020-MIC-0413
Date Submitted : July 14, 2020
Date Analyzed : July 14-16, 2020
Date Reported : July 17, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, Balili, La Trinidad, Benguet***

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.**

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.
* Philippine National Standards for Drinking Water (PNSDW, 2017)
** Estimated Heterotrophic Plate Count
[a] Uncertainty of Measurement

Analyzed by:	Certified by:	Approved for Release by:
CLARISA ANGELLI N. LUBRICA	**JAMIE BETH B. GALIAN**	**ANGEL L. MAGUEN**
Analyst	Technical Manager	Quality Manager

Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

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

Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2015

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072020-MIC-0412 and MIC-0414
Date Submitted : July 14, 2020
Date Analyzed : July 14-16, 2020
Date Reported : July 17, 2020
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
MIC-0888 to 0904 and MIC-0925 to MIC-0931	**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, JICAS1, JICAS2, SWAMPS PicoS* and *PicoS2*.**	**Total Coliform Count**	**2S – >8 MPN/100 mL 3S – <1.1 MPN/100 mL 4S – >8 MPN/100 mL 5S – >8 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 – <1.1 MPN/100mL JICAS1 – >8 MPN/100mL JICAS2 – <1.1 MPN/100mL SwampS–<1.1 MPN/100mL PicoS1 – <1.1 MPN/100mL PicoS2 – <1.1 MPN/100mL**
		E. coli	**2S – >8 MPN/100 mL 4S – >8 MPN/100 mL 5S – >8 MPN/100 mL 14S – 4.6 MPN/100mL LubasS – >8 MPN/100mL AS – >8 MPN/100 mL JICAS1 – >8 MPN/100mL**

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

Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2015

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072020-MIC-0412 and MIC-0414
Date Submitted : July 14, 2020
Date Analyzed : July 14-16, 2020
Date Reported : July 17, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, La Trinidad, Benguet***
Page : Page 2 of 2

MIC-0888 to 0904 and MIC-0925 to MIC-0931	**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 – 690 CFU/mL** (391-1,216 CFU/mL) a **3_S – 310 CFU/mL** (186-516 CFU/mL) a **4_S – 21 CFU/mL** (2-184 CFU/mL) a **5_S – 88 CFU/mL** (52-149 CFU/mL) a **6_S – 155 CFU/mL** (92-261 CFU/mL) a **8_S – 51 CFU/mL** (30-87 CFU/mL) a **9_S – <1* CFU/mL** **12_S – 56 CFU/mL** (33-94 CFU/mL) a **14_S – 8* CFU/mL** (1-101 CFU/mL) a **$Lubas_S$– 33 CFU/mL** (19-58 CFU/mL) a **A_S – 40 CFU/mL** (27-60 CFU/mL) a **$PPSS_S$ – 206 CFU/mL** (137-310 CFU/mL) a **$JICA_{S1}$ – 130 CFU/mL** (86-195 CFU/mL) a **$JICA_{S2}$ – <1* CFU/mL** **$Swamp_S$– 135 CFU/mL** (14-1,271 CFU/mL) a **$Pico_{S1}$ – 185 CFU/100mL** (127-270 CFU/mL) a **$Pico_{S2}$ – 27* CFU/100mL** (3-256 CFU/mL) a	**<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 2_S, 4_S, 5s,14_S, A_S, $JICA_{S1}$, and L_S 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

[a] Uncertainty of Measurement

Analyzed by:	Certified by:	Approved for Release by:
MARVI JOY L. BALABAG	**JAMIE BETH B. GALIAN**	**ANGEL L. MAGUEN**
Analyst	Technical Manager	Quality manager

Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

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

Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2015

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072020-MIC-0412 and MIC-0414
Date Submitted : July 14, 2020
Date Analyzed : July 14-16, 2020
Date Reported : July 17, 2020
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
MIC-0888 to 0904 and MIC-0925 to MIC-0931	**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 – >8 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 A_S – >8 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 $Pico_{S1}$ – <1.1 MPN/100mL $Pico_{S2}$ – <1.1 MPN/100mL**
		E. coli	**2_S – >8 MPN/100 mL 4_S – >8 MPN/100 mL 5_S – >8 MPN/100 mL 14_S – 4.6 MPN/100mL $Lubas_S$ – >8 MPN/100mL A_S – >8 MPN/100 mL $JICA_{S1}$ – >8 MPN/100mL**

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

Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Cordillera Administrative Region
Regional Standards and Testing Laboratory

DENR RECOGNIZED
C.R No. 078/2015

DOH ACCREDITED
14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072020-MIC-0412 and MIC-0414
Date Submitted : July 14, 2020
Date Analyzed : July 14-16, 2020
Date Reported : July 17, 2020
Submitted by : Customer Name :
Name of Company : ***LA TRINIDAD WATER DISTRICT***
Address : ***Km. 4, La Trinidad, Benguet***

MIC-0888 to 0904 and MIC-0925 to MIC-0931	**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 – 690 CFU/mL** (391-1,216 CFU/mL) a **3_S – 310 CFU/mL** (186-516 CFU/mL) a **4_S – 21 CFU/mL** (2-184 CFU/mL) a **5_S – 88 CFU/mL** (52-149 CFU/mL) a **6_S – 155 CFU/mL** (92-261 CFU/mL) a **8_S – 51 CFU/mL** (30-87 CFU/mL) a **9_S – <1* CFU/mL** **12_S – 56 CFU/mL** (33-94 CFU/mL) a **14_S – 8* CFU/mL** (1-101 CFU/mL) a **$Lubas_S$– 33 CFU/mL** (19-58 CFU/mL) a **A_S – 40 CFU/mL** (27-60 CFU/mL) a **$PPSS_S$ – 206 CFU/mL** (137-310 CFU/mL) a **$JICA_{S1}$ – 130 CFU/mL** (86-195 CFU/mL) a **$JICA_{S2}$ – <1* CFU/mL** **$Swamp_S$– 135 CFU/mL** (14-1,271 CFU/mL) a **$Pico_{S1}$ – 185 CFU/100mL** (127-270 CFU/mL) a **$Pico_{S2}$ – 27* CFU/100mL** (3-256 CFU/mL) a	**<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 2_S, 4_S, $5s$,14_S, A_S, $JICA_{S1}$, and L_S 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
[a] Uncertainty of Measurement

Analyzed by:	Certified by:	Approved for Release by:
MARVI JOY L. BALABAG	**JAMIE BETH B. GALIAN**	**ANGEL L. MAGUEN**
Analyst	Technical Manager	Quality manager

Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

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