



REPORT OF ANALYSIS

Req. Ref. No. : CAR-082017-MIC-0590
Date Submitted : August 9, 2017
Date Analyzed : August 9-11, 2017
Date Reported : August 11, 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-1343 to 1359	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 , 12 _T , 14 _T , Lubas _T , JICA _{T1} , JICA _{T2} , PPSS _{T1} , SWAMP _T , A _T , PICOWELL _{T1} , PICOWELL _{T2} , 9 _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 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 9 _T – <1.1 MPN/100 mL	<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 – 7* CFU/mL 5 _T – <1* CFU/mL 6 _T – 1* CFU/mL 8 _T – 49 CFU/mL 12 _T – <1* CFU/mL 14 _T – 4* CFU/mL Lubas _T – 5* CFU/mL JICA _{T1} – <1* CFU/mL JICA _{T2} – 6* CFU/mL PPSS _{T1} – <1* CFU/mL SWAMP _T – <1* CFU/mL A _T – 2* CFU/mL PICOWELL _{T1} – 6* CFU/mL PICOWELL _{T2} – 19* CFU/mL 9 _T – <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, 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:

Certified by:

Confirmed and Approved for Release by:


CLARISA ANGELLI L. NAGPALA
Analyst


JAMIE BETH B. GALIAN
Approved PAB Signatory


NANCY A. BANTOG
Quality Manager

Note: Not valid without DOST-CAR seal



REPORT OF ANALYSIS

Req. Ref. No. : CAR-082017-MIC-0589 and MIC-0592
Date Submitted : August 09, 2017
Date Analyzed : August 09-11, 2017
Date Reported : August 14, 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-1326 to 1342 and MIC-1361 to 1366	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	2s - >8 MPN/100 mL 3s - <1.1 MPN/100 mL 4s - >8 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 - >8 MPN/100mL Lubas _s - >8 MPN/100mL As _s - >8 MPN/100 mL PPSS _s - <1.1 MPN/100mL JICA _{s1} - <1.1 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamp _s - <1.1 MPN/100mL Pico _s - >8 MPN/100mL Pico _{s2} - >1.1 MPN/100mL	<1.1 MPN/100mL
		<i>E. coli</i>	2s - >8 MPN/100 mL 4s - <1.1 MPN/100 mL 14s - >8 MPN/100mL Lubas _s - >8 MPN/100mL As _s - >8 MPN/100 mL Pico _s - >8 MPN/100mL	<1.1 MPN/100mL

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REPORT OF ANALYSIS

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Address : Km. 4, La Trinidad, Benguet

Page : Page 2 of 2

		Heterotrophic Plate Count	2s - 1,610 CFU/mL 3s - 59 CFU/mL 4s - 110 CFU/mL 5s - 3* CFU/mL 6s - 1,350 CFU/mL 8s - 450 CFU/mL 9s - 2* CFU/mL 12s - <1* CFU/mL 14s - 985 CFU/mL Lubass - 193 CFU/mL As - 2* CFU/mL PPSSs - 10* CFU/mL JICA _{s1} - 94 CFU/mL JICA _{s2} - 194 CFU/mL Swamp _s - 90 CFU/mL Pico _s - 890 CFU/100mL Pico _{s2} - 1,555 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 2s, 14s, Lubass, As, and Pico_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

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>



REPORT OF ANALYSIS

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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2007)
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		<i>E. coli</i>	2s - >8 MPN/100 mL 4s - <1.1 MPN/100 mL 14s - >8 MPN/100mL Lubas _s - >8 MPN/100mL As - >8 MPN/100 mL Pico _s - >8 MPN/100mL	<1.1 MPN/100mL



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		Heterotrophic Plate Count	2 _s – 1,610 CFU/mL 3 _s – 59 CFU/mL 4 _s – 110 CFU/mL 5 _s – 3* CFU/mL 6 _s – 1,350 CFU/mL 8 _s – 450 CFU/mL 9 _s – 2* CFU/mL 12 _s – <1* CFU/mL 14 _s – 985 CFU/mL Lubass – 193 CFU/mL A _s – 2* CFU/mL PPSS _s – 10* CFU/mL JICA _{s1} – 94 CFU/mL JICA _{s2} – 194 CFU/mL Swamp _s – 90 CFU/mL Pico _s – 890 CFU/100mL Pico _{s2} – 1,555 CFU/100mL	<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 2_s, 14_s, Lubass, A_s, and Pico_s are POSITIVE for *E. coli*.

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* Estimated Heterotrophic Plate Count

Analyzed by:

MARVI JOY L. BALABAG
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

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e-mail address: rstlcar@gmail.com
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Republic of the Philippines
LA TRINIDAD WATER DISTRICT
FA 249-B Km. 4, Balili, La Trinidad, Benguet 2601

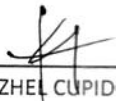
MONTHLY BACTERIOLOGICAL TEST

MONTH : AUGUST 2017

SAMPLING DATE: 8/9/2017

TIME : 9:50 A.M.-4:00 P.M.

SOURCE	NO. OF SAMPLES		NAME AND LOCATION OF TERMINALS
	SOURCE	TERMINAL	
DPW2	1	1	FC-382 BALILI
DPW3	1	1	MA-146 PUGUIS
DPW4	1	1	A-002 POBLACION
DPW5	1	1	AR-102 UPPER RIVERSIDE, AMBIONG
DPW6	1	1	MB-040 PUGUIS
DPW8	1	1	FB-157 BALILI
DPW9	1	1	AC-014 EAST BUYAGAN
DPW14	1	1	JB-155 KM. 4, BALILI
DPW12	1	1	JD-001 PICO
Pico Well-2	1	1	JC-109 PICO
JICA 1	1	1	BRGY PUGUIS HEALTH CENTER
JICA 2	1	1	AE-183 PUGUIS
AMPASIT	1	1	MC-010 AMPASIT
LUBAS	1	1	FD- 272 LUBAS
PPS	1	1	FA-252KM4, BALILI
Pico Well-1	1	1	MA-198 PUGUIS
SwampDW	1	1	MA-075 PALMAVILLE, PUGUIS
Sub. Total:	17	17	
TOTAL:	34 samples		

SUB. BY:  
JAY -AR QUITLONG ; KRIZHEL CUPIDO

of connections 15,078 15,131



Republic of the Philippines
LA TRINIDAD WATER DISTRICT
FA 249-B Km. 4, Balili, La Trinidad, Benguet 2601

DAILY CHLORINE RESIDUAL TEST RESULTS

MONTH : JULY 14 - AUGUST 9, 2017

MONTH	DATE	DPW2	DPW3	DPW4	DPW5	DPW6	DPW9	DPW14	SWAMP	JICA 1	PPSS	LUBAS	AMPASIT	PICOWELL1	PICOWELL2
JULY	14	0.3		0.3	0.3		0.3	0.3	0.3		0.3	0.3		0.5	
	15	0.3		0.3	0.3		0.3	0.3			0.3	0.3		0.5	
	16	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	1	0.5	
	17	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	1	0.5	
	18	0.3	0.5	0.3	0.5	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.5	0.3
	19	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	1	0.5	
	20	0.3	0.3	0.3	0.3	0.5	0.3		0.3	0.5	0.3	0.3	0.3	0.3	0.5
	21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.5
	22	0.3	0.5	0.3	0.3	0.5	0.3	0.3		0.3	0.3	0.3	0.5	0.3	0.5
	23	0.3	0.5	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.5	0.3	0.3
	24	0.3	0.5	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5		0.3	0.3	0.3	0.3
	26	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.3		0.3	0.5		0.3
	27	0.3	0.5	0.3	0.3	0.5	0.3		0.3	0.3		0.5	0.3		
	28	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.5		0.3	0.3		
	29	0.3	0.5	0.3	0.3	0.5	0.3	0.3		0.5		0.3	0.3	0.3	0.5
	30	0.3	0.5	0.3	0.5	0.3	0.3	0.3		0.3		0.3	0.3	0.5	0.5
	31	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.5	0.5		0.3	0.3	0.3	0.3
AUGUST	1	0.3	0.5	0.3	0.5	0.3	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.5
	2	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3
	3	0.3	0.5	0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3
	4	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	1	0.5	0.3
	5	0.3	0.5	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	1	0.5	0.5
	6	0.3	0.5	0.3	0.3	0.3	0.3	0.3		0.3	0.5	0.3	1	0.5	0.3
	7	0.3	0.5	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	1	0.3	0.5
	8	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.5	0.3	
	9	0.3	0.5	0.3	0.5	0.5	0.5	0.3	0.5	0.5	0.5	0.3	0.3	0.3	0.5
TOTAL		8.1	11.1	8.1	9.3	9.5	8.3	7.3	6.5	9.5	6.6	8.3	13.4	9.2	7.5
TOT. NO. OF DAYS:		27	25	27	27	25	27	23	19	25	20	27	25	24	19
AVERAGE :		0.300	0.444	0.300	0.344	0.380	0.307	0.317	0.342	0.380	0.330	0.307	0.536	0.383	0.395
SUB BY: JAY-AR QUITLONG ; KRIZHEL CUPIDO															