FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA			TER DISTRICT
Province:	Province: Surigao		Sur
SUMMARY	REPORT ON MIC	ROBIC	LOGICAL TEST
MONTH OF	JANUARY	20	23

1	Donu	lation	actuall	ucaniad	by utility
	PODI	14111111	acilian	v serven	DV HITHITY

(No. of service connections x ave. no. of

persons per service connection (5 persons per household)

No. of service connections

4,021

2 . Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 7 samples

20,105

For Heterotrophic Plate Count

	no: :	HEROMESES AND SECURIOR SECURIO	T
Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
	1 sample per 5,000 population + 2	1 sample per 5,000 population + 2	
5,000 - 100,000	additional samples monthly	additional samples monthly	Consumers' taps
Cornel Laurine (and Grice (b) (post in a ver) seek (pelatine a repair cornel (b) Except destros experience (a	1 sample per 10,000 population + 12	Required at least 40% of the sampling	
More than 100,000	additional samples monthly	points	Consumers' taps

Note: Collection of samples should be spread out within a month

3 . Sample Requirement

a. No. of samples examined.

100.0%

Percent (%) to the minimum required. b.

Met Standards?

Yes Yes

("Yes" if b is 100% or more. "No" if b is less than 100%.)

4 . Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

Number of samples showing presence of coliform group.

0.0%

Percent (%) to samples examined (4.1.a/3.a x 100). b.

Met Standards? С.

Yes

("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

Number of samples showing presence of coliform colonies.

0 0.0%

Percent (%) to the number of samples analyzed. (4.2.a/3.a x 100)

Met Standards? С.

Yes Yes

("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a.	Number of samples showing	ng presence of coliform.	
b .	Percent (%) to total number	er of samples examined.	0.0%
	(4.3.a/3.a x 100)	Emmissionment Emmissionment	
С.	Met Standards?	Yes No No	
	("Yes" if b is 5% or less. "N	o" if b is more than 5%.)	
D 71	1 - 10 115 - 15		
	colerant Coliform/ E. coli	C.I	•
а.		ng presenvce of thermotolerant coliform/E. coli organ	iisms.
	MTFT: MPN/100 ml value		
	EST: Absent or < 1 MPN/10		0
b .	MFT: < 1 thermotolerant c Percent (%) to total number		0.0%
	Met Standards?	Control of the Contro	0.0%
С.	("Yes" if a is zero. "No" if	Yes Yes No	
	(res it als zero. No it	a is not equal to zero.)	
C. Heterot	ophic Plate Count (HPC)		
а.	Number of HPC tests cond	ucted.	7
	Percent (%) to the minimu	m required.	100.0%
	Met Standards (no. of sam	ples)? Yes Yes No	\$40 COLUMN AND A SECULATION AND A STATE OF COLUMN AND ADDRESS OF C
b .	No. of samples showing HI	PC value < 500 CFU/ml.	7
С.	Percent (%) to number of	tests conducted (b/a x 100).	100.0%
d.	Met Standards?	Yes Yes No	
	("Yes" if c is 100%. "No" if	c is not 100%.)	
DISINFECTION	ON RESIDUAL		
5.A Using	ree Residual Chlorine		
а.	No. of days without a test	conducted	0
b .		al chlorine <0.3 or >1.5 mg/L	0
С.	Met Standards?	Yes Yes No	
	("Yes" if a and b are both a	tero. "No" if either a or b, or both a and b are not zer	ro.)
E.D. Hainer	Chlanina Diamida		
a.	Chlorine Dioxide No. of days without a test	conducted	0
b .		ral chlorine dioxide <0.2 or >0.4 mg/L	0
с.	Met Standards?	Yes Yes No	
٠.		tero. "No" if either a or b, or both a and b are not ze	ro.)
	,	,	
NOTE:	FO	DR MICROBIOLOGICAL RESULTS:	
	If number of samples is 20	or less, please attach laboratory test results with this	summary form.
f number oj	samples is more than 20, or	nly the summary form is required even without accom	p <mark>anying laboratory test re</mark> sults.
	And the second s		And the second of the second o
SUBMITTED	BY:		,
		_ O O O O O	
		W. EDEDO C. CALL	
		WILFREDO G. SANCHEZ	

5

General Manager





Laboratory No:

B-0038-2023



	Time	Date
Collection:	4:00 am	JAN. 09, 2023
Receipt:	9:15 am	JAN. 09, 2023
Examination: from	12:30 pm	JAN. 09, 2023
to_		IAN 16 2023

I was a second and		A CONTRACTOR OF THE PARTY OF TH	
Name:	WILFREDO G. SANCI	HEZ	
Company Name:	LIANGA WATER DIST	TRICT	
Company Address:	ANNEX - A, MARKET	MALL, LIANGA, SUF	RIGAO DEL SUR
Source:	Developed spring	Treatment Done:	Yes
Sampling Source:		Sampling point:	Sample 1 : Faucet ; Aleya Vitanzos, Zone 5
Drinking Water	Ves		P-3 Nat'l Hi way Brgy Diatagon

BACTERIOLOGICAL TEST RESULT

Parameter	Value	Public Water Supply Limits		Remarks
		Unit	Normal Value	
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED
Thermotolerant				
Coliform/ E. Coli	<1.1	MPN/100mL	<1.1	
Heterotropic Plate Count (HPC)	12	CFU/mL	<500	

Method

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

Note: Results of examination are specifically related to the samples as received. This report shall not be reproduced without the approval of RDWTL-SPMC and is not valid for purposes of advertising or sales promotion.

Verified by: Analyst: Xenia Eve L. Villa, RMIT Medical Technologist Grace M. Faunillan, RMT Josephine R. Vergara, RMT Water Bacteriology In-Charge/Proficient Medical Technologist Karl Adrian D. Buranday, RMT Medical Technologist Noted by: SPMC-Regional Orinking Water Testing Laboratory CERTIFIED TRUE COPY Mherici Ma. Theresa Fedoc, MD, DPSP-CP MARY NORESN C. ENRIQUEZ. RMI. MAA Pathologist Section Head

SPMC-F-LAB-WL-001C

Effectivity: February 1, 2022

Rev. 0



LABORATORY RESULT



Laboratory No:

B-0039-2023



	Time	Date
Collection:	4:15 am	JAN. 09, 2023
Receipt:	9:15 am	JAN. 09, 2023
Examination: from	12:30 pm	JAN. 09, 2023
to		IAN 16 2023

Name:	WILFREDO G. SANCH	-lez	
Company Name:	LIANGA WATER DIST	TRICT	
Company Address:	ANNEX - A, MARKET	MALL, LIANGA, SUR	IGAO DEL SUR
Source:	Developed spring	Treatment Done:	Yes
Sampling Source:		Sampling point:	Sample 2 : Faucet ; Lilibeth Macas, Zone 4
Drinking Water:	Yes		P-3, Public Market, Brgy. Diatagon

BACTE	RIO	.OGICAL	TEST	RESULT
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Parameter	Value	Public Water Supply Limits		Remarks
		Unit	Normal Value	
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED
Thermotolerant				
Coliform/ E. Coli	<1.1	MPN/100mL	<1.1	
Heterotropic				
Plate Count (HPC)	9	CFU/mL	<500	

Method

Analyst:

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

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Medical Technologist

Grace M. Faunillan, RMT

Medical Technologist

Karl Adrian D. Buranday, RMT

Medical Technologist

Verified by:

Josephine R. Vergara, RMT Water Bacteriology In-Charge/Proficient

Noted by:

feinfl

Ma. Theresa Fedoc, MD, DPSP-CP
Pathologist

SPIAC-Regional Orinking Water Testing Laboratory
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MARY NOREER C. EKRICUEZ, RAY, MBA

Rev. 0





Laboratory No:

B-0040-2023



	Time	Date
Collection:	4:30 am	JAN. 09, 2023
Receipt:	9:15 am	JAN. 09, 2023
Examination: from	12:30 pm	JAN. 09, 2023
to		IAN 16 2023

		te	O	JAN. 16, 2023
Name:	WILFREDO G. SANCH	-IEZ		
Company Name:	LIANGA WATER DIST	TRICT		
Company Address:	ANNEX - A, MARKET	MALL, LIANGA, SUR	RIGAO DEL SUR	
Source:	Developed spring	Treatment Done:	Yes	
Sampling Source:		Sampling point:	Sample 3 : Faucet ; B. E	vangelista, Zone 6
Drinking Water	Ves		P-/ Bray St Christine	

BACTERIOLOGICAL TEST RESULT

Parameter	Value	Public Water Supply Limits		Remarks
		Unit	Normal Value	
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED
Thermotolerant				
Coliform/ E. Coli	<1.1	MPN/100mL	<1.1	
Heterotropic				
Plate Count (HPC)	. 4	CFU/mL	<500	

Method

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

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Effectivity : February 1, 2022

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Laboratory No:

B-0041-2023



	Time	Date
Collection:	4:45 am	JAN. 09, 2023
Receipt:	9:15 am	JAN. 09, 2023
Examination: from	12:30 pm	JAN. 09, 2023
to		JAN. 16, 2023

		10	JAN. 10, 2025
Name:	WILFREDO G. SANCH	-IEZ	
Company Name:	LIANGA WATER DIST	TRICT	
Company Address:	ANNEX - A, MARKET	MALL, LIANGA, SUR	IGAO DEL SUR
Source:	Developed spring	Treatment Done:	Yes
Sampling Source:		Sampling point:	Sample 4 : Faucet ; Aldrin Vilbestre, Zone 9
Drinking Water:	Yes		P-6. Brgv. Wakat

BACTERIOLOGICAL TEST RESULT

Parameter	Value	Public Water Supply Limits		Remarks
		Unit	Normal Value	
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED
Thermotolerant Coliform/ E. Coli	<1.1	MPN/100mL	<1.1	
Heterotropic			×1.1	
Plate Count (HPC)	2	CFU/mL	<500	

Method

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

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SPMC-F-LAB-WL-001C

Effectivity: February 1, 2022

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Laboratory No:

B-0042-2023



	Time	Date
Collection:	4:50 am	JAN. 09, 2023
Receipt:	9:15 am	JAN. 09, 2023
Examination: from	12:30 pm	JAN. 09, 2023
to		IAN 16 2023

		to	JAN. 16, 2023
Name:	WILFREDO G. SANCH	HEZ	
Company Name:	LIANGA WATER DIST	TRICT	
Company Address:	ANNEX - A, MARKET	MALL, LIANGA, SUR	IGAO DEL SUR
Source:	Developed spring	Treatment Done:	Yes
Sampling Source:		Sampling point:	Sample 5 : Faucet ; Ignacio Gerong, Zone 8
Drinking Water:	Yes		P-5, Brgy. Liatimco

BACTERI	OLOGICAL	TEST	RESULT
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			,	
Parameter	Value	Public Water Supply Limits		Remarks
		Unit	Normal Value	
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED
Thermotolerant				
Coliform/ E. Coli	<1.1	MPN/100mL	<1.1	
Heterotropic				
Plate Count (HPC)	4	CFU/mL	<500	

Method

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

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Analyst:

Xenia Eve L. Villa, RMT

Medical Technologist

Grace M. Faunillan, RMT

Medical Technologist

Water Bacteriology In-Charge/Proficient

Karl Adrian D. Buranday, RMT

Medical Technologist

Noted by:

SPEC Acqional Brinking Water Testing Laboration

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Ma. Theresa Fedoc, MD, DPSP-CP

SPMC-F-LAB-WL-001C

Effectivity: February 1, 2022

Pathologist

Rev. 0

MARY NOREFR C. ENEROPEZ, ROT, MBA

Section Head





Laboratory No:

B-0043-2023



	Time	Date
Collection:		JAN. 09, 2023
Receipt:		JAN. 09, 2023
Examination: from	12:30 pm	JAN. 09, 2023
to	,	IAN 16 2023

		to	JAN. 16, 2023
Name:	WILFREDO G. SANCH	HEZ	
Company Name:	LIANGA WATER DIST	TRICT	
Company Address:	ANNEX - A, MARKET	MALL, LIANGA, SUR	IGAO DEL SUR
Source:	Developed spring	Treatment Done:	Yes
Sampling Source:		Sampling point:	Sample 6 : Faucet ; George Sanchez, Zone 7
Drinking Water:	Yes		P-2, Brgy. Anibongan

BACTERIOLOGICAL TI	EST	RESULT
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·							
Parameter	Value	Public Water Supply Limits		Remarks			
		Unit	Normal Value				
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED			
Thermotolerant							
Coliform/ E. Coli	<1.1	MPN/100mL	<1.1				
Heterotropic							
Plate Count (HPC)	. 1	CFU/mL	<500				
*	**						

Method

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

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Analyst:

Xenia Eve L. Villa, RMT

Medical Technologist

Grace M. Faunillan, RMT

Medical Technologist

Water Bacteriology In-Charge/Proficient

Karl Adrian D. Buranday, RMT

Medical Technologist

Noted by:

3PAG-Regional Brinking Water Testing Lab.

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Ma. Theresa Fedoc, MD, DPSP-CP
Pathologist

HARY NOREER C. EMPIODEZ, RMT.MBA Section Wead



LABORATORY RESULT



Laboratory No:

B-0044-2023



		1	
	Time	Date	
Collection: 5:10 am		JAN. 09, 2023	
Receipt:	9:15 am	JAN. 09, 2023	
Examination: from	12:30 pm	JAN. 09, 2023	
†o		IAN 16 2023	

Name:	WILFREDO G. SANCH	HEZ		
Company Name:	LIANGA WATER DISTRICT			
Company Address:	ANNEX - A, MARKET MALL, LIANGA, SURIGAO DEL SUR			
Source:	Developed spring	Treatment Done:	Yes	
Sampling Source:		Sampling point:	Sample 7 : Faucet ; Charina Llaban, Zone 1	
Drinking Water:	Yes		P-3, Brgy. Payasan	

BACTERIOLOGICAL TEST RESULT							
Parameter	Value	Public Water Supply Limits		Remarks			
		Unit	Normal Value				
Total Coliform	<1.1	MPN/100mL	<1.1	PASSED			
Thermotolerant		•					
Coliform/ E. Coli	<1.1	MPN/100mL	<1.1				
Heterotropic	,						
Plate Count (HPC)	. 2	CFU/mL	< 500				

Method

Multiple Tube Fermentation Technique, Pour Plate Method (SMEWW 22nd and 23rd ed.)

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