



Scientia Tech Co.

Research Testing Facility

Unit 404 - 405 J.L. Domingo Bldg.
No. 10 Marcos High Way, Mayamot,
Antipolo City
Telefax No. (02) 697-5364
website:scientia.tech.co@gmail.com

WATER QUALITY TEST RESULTS			Sample ID No.	172-40012-3
CLIENT	Morong Water District		Test Parameters	(Total Coliform Fecal Coliform, and HPC)
Source	Deep well			
Location	Andres P. Alejandro, 0020 @ (4) Sitio Taghangin, Maybancal			
Sampling conducted by	Morong Water District			
Date and Time of	Collection	21-Feb-2017	9:44 AM	
	Received	21-Feb-2017	1:29 PM	
	Examined	21-Feb-2017	1:34 PM	

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	190	< 500 cfu / ml	PASSED

Test Methods: Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/- 0.5 oC, 24-48 hrs
Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/- 0.2 oC, 24 hrs
Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/- 0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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Analyzed By:

Atocha Amor M. Eguia, RMT
Laboratory Analyst
WMLA-14-0299

Certified By:

Christian Jay B. Gamblador
Laboratory Head
PRC No. 0009595



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WATER QUALITY TEST RESULTS		Sample ID No:	172-40013-3
CLIENT		Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
	Morong Water District		
Source	Deep well		
Location	Melchor Diego, E. Dela Paz St., Maybancal, Morong, Rizal		
Sampling conducted by	Morong Water District		
Date and Time of	Collection	21-Feb-2017	10:02 AM
	Received	21-Feb-2017	1:29 PM
	Examined	21-Feb-2017	1:34 PM

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	220	< 500 cfu / ml	PASSED

Test Methods:

Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs

Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs

Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. *Standard Methods for the Examination of Water and Waste Water*. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, *Philippine National Standards for Drinking Water 2007 (PNSDW 2007)*

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WATER QUALITY TEST RESULTS				Sample ID No.	172-40010-3
CLIENT				Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Morong Water District					
Source	Deep well				
Location	Emy Niño, 1288 Hi-Way, San Guillermo, Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	:	21-Feb-2017	9:10 AM	
	Received	:	21-Feb-2017	1:29 PM	
	Examined	:	21-Feb-2017	1:34 PM	
MICROBIOLOGICAL ANALYSIS					
PARAMETERS		RESULTS		PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)		< 1.1 mpn		< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)		< 1.1 mpn		< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)		250		< 500 cfu / ml	PASSED

Test Methods:

Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs

Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs

Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. *Standard Methods for the Examination of Water and Waste Water*. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, *Philippine National Standards for Drinking Water 2007 (PNSDW 2007)*

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WATER QUALITY TEST RESULTS			
CLIENT		Sample ID No: 172-40011-3	
Source: Morong Water District		Test Parameters: (Total Coliform, Fecal Coliform, and HPC)	
Location: Cristina Lituanas, Estacion, San Guillermo, Morong, Rizal			
Sampling conducted by: Morong Water District			
Date and Time of	Collection	21-Feb-2017	9:31 AM
	Received	21-Feb-2017	1:29 PM
	Examined	21-Feb-2017	1:34 PM

MICROBIOLOGICAL ANALYSIS			
PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	110	< 500 cfu / ml	PASSED

Test Methods: Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs
 Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs
 Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,
 mpn – Most Probable Number

OVERALL REMARKS
Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1 American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2 Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WATER QUALITY TEST RESULTS			
CLIENT		Sample ID No:	172-40014-3
Morong Water District		Test Parameters:	(Total Coliform Fecal Coliform, and HPC)
Source	Deep well		
Location	Antonio Santiago, Calero, Morong, Rizal		
Sampling conducted by	Morong Water District		
Date and Time of	Collection	21-Feb-2017	10:09 AM
	Received	21-Feb-2017	1:29 PM
	Examined	21-Feb-2017	1:34 PM

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	190	< 500 cfu / ml	PASSED

Test Methods:

Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs

Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs

Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1 American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2 Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WATER QUALITY TEST RESULTS			
CLIENT		Sample ID No:	172-40015-3
Source		Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Location			
Sampling conducted by			
Date and Time of			
	Collection	21-Feb-2017	10:20 AM
	Received	21-Feb-2017	1:29 PM
	Examined	21-Feb-2017	1:34 PM

MICROBIOLOGICAL ANALYSIS			
PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	180	< 500 cfu / ml	PASSED

Test Methods: Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs
 Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs
 Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,
 mpn – Most Probable Number

OVERALL REMARKS
Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1 American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2 Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WATER QUALITY TEST RESULTS				Sample ID No:	172-40016-3
CLIENT				Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Morong Water District					
Source	Deep well				
Location	Benjamin Ablay, Lanang, Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	:	21-Feb-2017	10:34 AM	
	Received	:	21-Feb-2017	1:29 PM	
	Examined	:	21-Feb-2017	1:34 PM	

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	110	< 500 cfu / ml	PASSED

Test Methods: Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs
Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs
Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WMLA-14-0299

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WATER QUALITY TEST RESULTS				Sample ID No.	172-40017-3
CLIENT		Morong Water District		Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Source	Deep well				
Location	Justina S.J. Ramos, 1210 Capinpin, Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	:	21-Feb-2017	10:47 AM	
	Received	:	21-Feb-2017	1:29 PM	
	Examined	:	21-Feb-2017	1:34 PM	

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	190	< 500 cfu / ml	PASSED

Test Methods:

Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs

Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs

Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WATER QUALITY TEST RESULTS				Sample ID No:	172-40018-3
CLIENT		Morong Water District		Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Source	Deep well				
Location	Edna Raymundo, St. Joseph, Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	:	21-Feb-2017	10:57 AM	
	Received	:	21-Feb-2017	1:29 PM	
	Examined	:	21-Feb-2017	1:34 PM	

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	200	< 500 cfu / ml	PASSED

Test Methods:

Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs

Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs

Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WATER QUALITY TEST RESULTS				Sample ID No:	172-40019-3
CLIENT				Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Morong Water District					
Source	Deep well				
Location	Domingo Pantaleon, Turentigue St., Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	21-Feb-2017	11:07 AM		
	Received	21-Feb-2017	1:29 PM		
	Examined	21-Feb-2017	1:34 PM		

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	260	< 500 cfu / ml	PASSED

Test Methods:

Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs

Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs

Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,

mpn – Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1 American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

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WATER QUALITY TEST RESULTS				Sample ID No.	172-40020-3
CLIENT				Test Parameters : (Total Coliform Fecal Coliform, and HPC)	
Morong Water District					
Source	Deep well				
Location	Efren San Diego, Hulo Natividad St., Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	:	21-Feb-2017	11:19 AM	
	Received	:	21-Feb-2017	1:29 PM	
	Examined	:	21-Feb-2017	1:34 PM	

MICROBIOLOGICAL ANALYSIS			
PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	180	< 500 cfu / ml	PASSED

Test Methods: Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs
Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs
Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,
mpn – Most Probable Number

OVERALL REMARKS
Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1.American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2.Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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WATER QUALITY TEST RESULTS		Sample ID No	172-40021-3
CLIENT	Morong Water District		
Source	Deep well		
Location	Alejandro Lopez, 462 R. Palma St., San Pedro, Morong, Rizal		
Sampling conducted by	Morong Water District		
Date and Time of	Collection	21-Feb-2017	11:29 AM
	Received	21-Feb-2017	1:29 PM
	Examined	21-Feb-2017	1:34 PM

MICROBIOLOGICAL ANALYSIS

PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	220	< 500 cfu / ml	PASSED

Test Methods:

Total Coliform - Multiple Tube Fermentation Technique, LTBroth & BGB, 35 $\pm$ 0.5 $^{\circ}$ C, 24-48 hrs

Fecal Coliform - Multiple Tube Fermentation Technique, EC Broth, 44.5 $\pm$ 0.2 $^{\circ}$ C, 24 hrs

Heterotrophic Plate Count - Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 $\pm$ 0.5 $^{\circ}$ C,

mpn - Most Probable Number

OVERALL REMARKS

Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation, Standard Methods for the Examination of Water and Waste Water, 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

Test result refers only to the sample(s) submitted and is not valid unless stamped with Scientia Tech's dry seal. This report shall be kept on file for 1 year from the date of issue and shall neither be reproduced in part or in full nor used for advertisement or litigation without the written permission or authorization from the company.

Analyzed By:

Atocha Amor M. Eguia, RMT
Laboratory Analyst
WMLA-14-0299

Certified By:

Christian Jay B. Cambiador
Laboratory Head
PRC No. 0009595



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Accredited by Provincial Health Office of Rizal



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WATER QUALITY TEST RESULTS				Sample ID No:	172-40022-3
CLIENT		Morong Water District			Test Parameters : (Total Coliform Fecal Coliform, and HPC)
Source	Deep well				
Location	Justine Pangilinan, Butig Bombungan, Morong, Rizal				
Sampling conducted by	Morong Water District				
Date and Time of	Collection	:	21-Feb-2017	11:40 AM	
	Received	:	21-Feb-2017	1:29 PM	
	Examined	:	21-Feb-2017	1:34 PM	

MICROBIOLOGICAL ANALYSIS			
PARAMETERS	RESULTS	PNSDW Limit	REMARKS
Total Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Fecal Coliform (mpn / 100 ml)	< 1.1 mpn	< 1.1 mpn / 100 ml	PASSED
Heterotrophic Plate Count (cfu / ml)	120	< 500 cfu / ml	PASSED

Test Methods: Total Coliform – Multiple Tube Fermentation Technique, LTBroth & BGB, 35 +/-0.5 oC, 24-48 hrs
Fecal Coliform – Multiple Tube Fermentation Technique, EC Broth, 44.5 +/-0.2 oC, 24 hrs
Heterotrophic Plate Count – Pour Plate Technique, Plate Count Agar, (Standard Methods Agar) 35 +/-0.5 oC,
mpn – Most Probable Number

OVERALL REMARKS
Submitted sample passed all microbiological parameters set by the Philippine National Standards for Drinking Water (PNSDW) 2007.

References

1. American Public Health Association, American Water Works Association, and Water Environment Federation. Standard Methods for the Examination of Water and Waste Water. 20th ed., 1998, Washington D.C.

2. Dept. of Health Administrative Order 2007-0012, Philippine National Standards for Drinking Water 2007 (PNSDW 2007)

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