

### **GUIMBA WATER DISTRICT**

GUIMBA, NUEVA ECIJA

TELEPHONE NO. (044) 611-12-07 TELEFAX NO. (044) 611-01-41

ANAWEUE C. GRAJADOR MM- UDEVI MS. VENICE V. TEODORO Acting Manager, UDEV1 LOCAL WATER UTILITIES ADMINISTRATION Katipunan Road, Balara, Quezon City WDDD Area 2



	Water Utilities Administration RECORDS - INCOMING
D	MAR 2 0 2019
By:	
-7	

Sir / Madam:

We are submitting the following for your guidance and reference:

- Summary Report on Microbiological Test for the month of March 2019
- Physical/ Chemical Analysis 2019
- Financial Statements for the month of January 2019
- Monthly Data Sheet for the month of January 2019
- Daily Chlorine Dioxide Residual Monitoring Report for the months of January and February 2019

Thank you very much.

Very Truly Yours,

Eng'r. Felixberto C. Legarda

General Manager C

Received by: \_\_\_\_\_

Date

- 14 	SUMMARY REPORT OF					
		MARCH 2019				
1. Population actually serve			7	9,989		
(No. Of service connecti			/	0		
	ction (6.5 persons per household)	12 206		0		
No. of servic		12,306		18		
2. Required minimum num	per of sample based on the following			10		
Population Served	Minimum Frequency of Sampling for To Coliform and Thermotolerant Coliform/E.coli	Minimum Fre	equency of Sampling for sic Plate Count (HPC)	Point of Compliance		
Less than 5,000	2 samples monthly	2 sa	mples monthly	Consumers' taps		
5,000-10,000	1 sample per 5,000 population + 2 additional samples monthly		r 5,000 population + 2 al samples monthly	Consumers' taps		
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	2 Required at le	ast 40% of the sampling points	Consumers' taps		
3. Sample Requirement						
a. No. of sam	ples examined		-	18		
b. Percent (%	b) to the minimum required			100		
c. Meet stand	lards					
(If b is 100	% or more, check Yes)	_√_ Yes	No			
4. Parameter/Method						
A. Total Colifor						
4.1 Multiple	Tube Fermentation Technique (MTFT)					
	of samples showing presence of coliform					
	(%) to samples examined (4.1a/3.a x 100	))		100		
c. Meet sta						
	% or less, check Yes)	_√_Yes	No			
	Filter Technique (MFT)					
	of samples showing presence of coliform					
	(%) to the total number of sample analyze	ed		100		
	a x 100)					
c. Meet sta		/ .				
	% or less, check Yes)	_√_Yes	No			
	Substrate Coliform Test (EST)					
	of samples showing presence of coliform (%) to total number	l de la constante de	-			
		a/2 a 100)		100		
c. Meet Sta		a/3.a x100)		100		
	% or less, check Yes)	_√_ Yes	No			
	int Coliform / E.coli	<u>_v</u> _1cs	No			
	of samples showing presence of thermoto	plerant coliform / F co	oli organisme			
	MTFT: MPN/100ml value <1.1		on organisms			
	EST: Absent or <1 MPN/100ml MFT: <1 thermotolerant coliform coloni	ion /100ml				
h Percent	(%) to total number of samples analyzed	les / 100mi	<b></b>	100		
c. Meet sta				100		
	ero, check Yes)	_√_Yes	No			
	Plate Count (HPC)					
	of HPC tests conducted					
	amples showing HPC value <500 CFU/m	1				
	c. Percent (%) to number of test conducted (b/a x 100) 100					
d. Meet sta			-			
	00% or more, check Yes)	√ Yes	No			
	(Please attach laboratory te		and the second sec			
SUBMITTED BY:						
	ENG'R. FELIXE	BERTO C. LEGA	RDA			
		ral Manager	-0-6			

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229 Maharlika Road, Dicarma District, Cabanatuan City, Philippines Teletax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT	WMAR No:	19-161T	
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA	Date Received:	March 05, 2019	
Address:	COR. DANZALAN AND FAIGAL ST.,	Date Analyzed:	March 05, 2019	
	GUIMBA, NUEVA ECIJA	Date Completed:	March 07, 2019	

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
		(Est. CFU/mL)	) (MPN/100mL)		
San Roque Lote	March 5, 2019 7:35 AM	470	<1.1	<1.1	PASSED
P	NSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A. Presentacion, RMicro Ahalyst, PAM No. 18-00303

Susaria P. Quiãoit, MD, FPSP Head of the Laboratory, PRC No. 64242



## CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Maharika Road, Dicarma District, Cabanatuan City, Philippines

229 Mahariika Road, Dicarma District, Cabanatuan City, Philipp Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA
Address:	COR. DANZALAN AND FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:	19-161S
Date Received:	March 05, 2019
Date Analyzed:	March 05, 2019
Date Completed:	March 09, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
		(Est. CFU/mL) (MPN/100r		N/100mL)	
Balingog East	March 5, 2019 7:26 AM	170	<1.1	<1.1	PASSED
	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

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b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

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Veronica A. Presentacion, RMicro Analyst, PAM No. 18-00303

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### WATER MICROBIOLOGY ANALYSIS REPORT

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TING LARORATORY

Client:	GUIMBA WATER DISTRICT	WMAR No:	19-161R
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA	Date Received:	March 05, 2019
Address:	COR. DANZALAN AND FAIGAL ST.,	Date Analyzed:	March 05, 2019
	GUIMBA, NUEVA ECIJA	Date Completed:	March 07, 2019
	start fill and water to be a start of the start of the last the last the start of t		

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks	
	Camping	(Est. CFU/mL)	(MPN/100mL)			
Bantug Pump Station	March 5, 2019 7:14 AM	200	<1.1	<1.1	PASSED	
PNS	DW Limits AO 2017-0010:	<500	<1.1	<1.1		

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

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229 Maharlika Road, Dicarma District, Cabanatuan Cify, Philippines Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-1W-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA
Address:	COR. DANZALAN AND FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:	19-161Q
Date Received:	March 05, 2019
Date Analyzed:	March 05, 2019
Date Completed:	March 09, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
		(Est. CFU/mL)	(MPN/100mL)		
San Roque Pump Station	March 5, 2019 7:06 AM	170	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

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### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT	WMAR No:
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA	Date Received:
Address:	COR. DANZALAN AND FAIGAL ST.,	Date Analyzed:
	GUIMBA, NUEVA ECIJA	Date Completed

WMAR No:19-161PDate Received:March 05, 2019Date Analyzed:March 05, 2019Date Completed:March 07, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
27 1911 - J 1912 - Angel			(MPN/100mL)		
Zulueta Subdivision	March 5, 2019 6:54 AM	240	<1.1	<1.1	PASSED
P	NSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

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Veronica A. Presentación, RMicro Analyst, PAM No. 18-00303

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229 Manahika Roda, Dicarna Dishict, Cabanatuan City, Philippi Teletax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT	WMA
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA	Date
Address:	COR. DANZALAN AND FAIGAL ST.,	Date
	GUIMBA, NUEVA ECIJA	Date
		and the second se

WMAR No:	19-1610
Date Received:	March 05, 2019
Date Analyzed:	March 05, 2019
Date Completed:	March 07, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
		(Est. CFU/mL)		(MPN/100mL)	
Triala	March 5, 2019 6:46 AM	1	<1.1	<1.1	PASSED
	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 milliters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References: a. Philippine National Standards for Drinking Water, 2017

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A Presentacion, RMicro Analyst, PAM No. 18-00303

Susaria P. Quiãolt, MD, FPSP Head of the Laboratory, PRC No. 64242



## CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Maharilika Road, Dicarma District, Cabanatuan City, Philippines

229 Mandhika Road, Dicatma District, Cabanatuan City, Philip Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-IW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA
Address:	COR. DANZALAN AND FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:	19-161N	
Date Received:	March 05, 2019	
Date Analyzed:	March 05, 2019	
Date Completed:	March 07, 2019	

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
		(Est. CFU/mL)	(MP	N/100mL)	
Cabaruan	March 5, 2019 6:39 AM	<1	<1.1	<1.1	PASSED
	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

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Susaria P. Quiãoit, MD, FPSP Head of the Laboratory, PRC No. 64242



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### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT	WMAR No:	19-161M	
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA	Date Received:	March 05, 2019	
Address:	COR. DANZALAN AND FAIGAL ST.,	Date Analyzed:	March 05, 2019	
	GUIMBA, NUEVA ECIJA	Date Completed:	March 07, 2019	

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Camping		) (MPN/100mL)		
Maturanoc Pump Station	March 5, 2019 6:32 AM	1	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 militers

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

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Veronica A. Presentacion, RMicro Analyst, PAM No. 18-00303

Susana P. Quiáoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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## CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Mahatlika Road, Dicarma District, Cabanatuan, City, Philippines

229 Maharilika Road, Dicarma District, Cabanaldan City, Himpp Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client: GUIMBA WATER DISTRICT Owner/Manager: Engr. FELIXBERTO C. LEGARDA Address: COR. DANZALAN AND FAIGAL ST., GUIMBA, NUEVA ECIJA

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ch 05, 2019
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ch 09, 2019

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Sampling	(Est. CFU/mL)	(MP	N/100mL)	
Galvan	March 5, 2019 6:09 AM	9	<1.1	<1.1	PASSED
P	NSDW Limits AO 2017-0010:	<500	<1.1	<1.1	-

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

a. Philippine National Standards for Drinking Water, 2017

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Susana P. Quiaoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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**VOT VALID WITHOUT DRY SEAL** 



## CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Matharilika Road, Dicarma District, Cabanatuan City, Philippines

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### WATER MICROBIOLOGY ANALYSIS REPORT

Client: Owner/Manager: Address:

### GUIMBA WATER DISTRICT Engr. FELIXBERTO C. LEGARDA COR. DANZALAN AND FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:	19-161K	
Date Received:	March 05, 2019	
Date Analyzed:	March 05, 2019	
Date Completed:	March 09, 2019	

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Camping	(Est. CFU/mL)	(MPN/100mL)		
San Miguel	March 5, 2019 5:57 AM	15	<1.1	<1.1	PASSED
	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militier

MPN/100mL = Most Probable Number per 100 milliters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

a. Philippine National Standards for Drinking Water, 2017
b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A. Presentación, RMicro Ahalyst, PAM No. 18-00303

Susana P. Quiaoit, MD, FPSP Head of the Laboratory, PRC No. 64242



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### WATER MICROBIOLOGY ANALYSIS REPORT

### Client: GUIMBA WATER DISTRICT Owner/Manager: Engr. FELIXBERTO C. LEGARDA Address: COR. DANZALAN AND FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:	19-161J	
Date Received:	March 05, 2019	1
Date Analyzed:	March 05, 2019	
Date Completed:	March 09, 2019	

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point D	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
San Rafael Pump Station	March 5, 2019 5:48 AM	30	<1.1	<1.1	PASSED
PNS	DW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militier

MPN/100mL = Most Probable Number per 100 militiers

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine Mational Standards for Drinking Water, 2017

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Veronica A. Presentacion, RMicro Analyst, PAM No. 18-00303

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Page 1 of 1

Susaria P. Quiãoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA
Address:	COR. DANZALAN AND FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:	19-1611	
Date Received:	March 05, 2019	
Date Analyzed:	March 05, 2019	
Date Completed:	March 07, 2019	

**Physical Characteristics:** Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks	
	Camping	(Est. CFU/mL)	(MPN/100mL)			
Pasong Inchik	March 5, 2019 5:41 AM	1	<1.1	<1.1	PASSED	
P	NSDW Limits AO 2017-0010:	<500	<1.1	<1.1		

Est. CFU/mL = Estimated Colony Forming Units per milititer

MPN/100mL = Most Probable Number per 100 militiers

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

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Veronica A. Presentacion, RMicro

Ahalyst, PAM No. 18-00303

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### WATER MICROBIOLOGY ANALYSIS REPORT

Client: Owner/Manager: Address:

GUIMBA WATER DISTRICT Engr. FELIXBERTO C. LEGARDA COR. DANZALAN AND FAIGAL ST., GUIMBA, NUEVA ECIJA

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Doint	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Janiping	(Est. CFU/mL)	(MPN/100mL)		
Lennec	March 5, 2019 5:32 AM	<1	<1.1	<1.1	PASSED
	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militier

MPN/100mL = Most Probable Number per 100 milliters

Note:

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Client:	GUIMBA WATER DISTRICT
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA
Address:	COR. DANZALAN AND FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

19-161G	
March 05, 2019	
March 05, 2019	
March 07, 2019	
	March 05, 2019 March 05, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point Date and T Sampling Point Sampl	Date and Time of	f Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	camping		(MPN/100mL)		
Bacayao Pump Station	March 5, 2019 5:19 AM	<1	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militier

MPN/100mL = Most Probable Number per 100 militiers

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A. Presentacion, RMicro Analyst, PAM No. 18-00303

Susaria P. Quiãoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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229 Maharlika Road, Dicarma District, Cabanatuan City, Philippines Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA
Address:	COR. DANZALAN AND FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

19-161F
March 05, 2019
March 05, 2019
March 07, 2019

Physical Characteristics: Sar

cs: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	camping	(Est. CFU/mL)	(MPN/100mL)		
San Andres Pump Station	March 5, 2019 4:55 AM	1	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

a. Philippine National Standards for Drinking Water, 2017
b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronic . Presentacion, RMicro Analyst, PAM No. 18-00303

Susaria P. Quiãoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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### WATER MICROBIOLOGY ANALYSIS REPORT

### Client: GUIMBA WATER DISTRICT Owner/Manager: Engr. FELIXBERTO C. LEGARDA Address: COR. DANZALAN AND FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:	19-161E
Date Received:	March 05, 2019
Date Analyzed:	March 05, 2019
Date Completed:	March 07, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Campinig	(Est. CFU/mL)	(MPN/100mL)		1
Camiing	March 5, 2019 4:49 AM	16	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 milifiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A. Presentacion, RMicro Analyst, PAM No. 18-00303

CCWDLAB-FORM02-00 Page 1 of 1 Susaria P. Quiaoit, MD, FPSP Head of the Laboratory, PRC No. 64242



# CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Maharlika Road, Dicarma District, Cabanatuan City, Philippines

Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client:	GUIMBA WATER DISTRICT	WMAR No
Owner/Manager:	Engr. FELIXBERTO C. LEGARDA	Date Rece
Address:	COR. DANZALAN AND FAIGAL ST.,	Date Analy
	GUIMBA, NUEVA ECIJA	Date Com

WMAR No:	19-161D
Date Received:	March 05, 2019
Date Analyzed:	March 05, 2019
Date Completed:	March 07, 2019
representation of the second	

Sample is clear, with no foreign matter Physical Characteristics:

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Camping	(Est. CFU/mL)	(MP	N/100mL)	
Rufina Homes Subdivision	March 5, 2019 4:33 AM	<1	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 mililiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

a. Philippine National Standards for Drinking Water, 2017 b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A. Presentacion, RMicro

Analyst, PAM No. 18-00303

Susaria P. Quiaoit, MD, FPSP Head of the Laboratory, PRC No. 64242

CCWDLAB-FORM02-00 Page 1 of 1

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## CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Maharlika Road, Dicarma District, Cabanatuan City, Philippines

229 Mananika koda, Dicarma District, Cabanaluari City, Philipp Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

GUIMBA WATER DISTRICT
Engr. FELIXBERTO C. LEGARDA
COR. DANZALAN AND FAIGAL ST.,
GUIMBA, NUEVA ECIJA

19-161C	
March 05, 2019	
March 05, 2019	
March 07, 2019	
	March 05, 2019 March 05, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
	Cumping	(Est. CFU/mL)	(MP	N/100mL)	
Sta. Lucia	March 5, 2019 4:21 AM	2	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per mililiter

MPN/100mL = Most Probable Number per 100 milifiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veronica A. Presentacion, RMicro Analyst, PAM No. 18-00303

Susaria P. Quiãoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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## CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY 229 Maharilka Road, Dicarma District, Cabanatuan City, Philippines

229 Manditika Roda, Dicarma District, Cabanatuan City, Philippi Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-LW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

### Client: GUIMBA WATER DISTRICT Owner/Manager: Engr. FELIXBERTO C. LEGARDA Address: COR. DANZALAN AND FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:	19-161B	
Date Received:	March 05, 2019	
Date Analyzed:	March 05, 2019	
Date Completed:	March 07, 2019	

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		1
St. John District	March 5, 2019 4:11 AM	3	<1.1	<1.1	PASSED
PNSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 miliiters

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

a. Philippine National Standards for Drinking Water, 2017
b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

Veron on. RMicro Analyst, PAM No. 18-00303

Susana P. Quiaoit, MD, FPSP Head of the Laboratory, PRC No. 64242



229 Maharlika Road, Dicarma District, Cabanatuan City, Philippines Telefax (44) 463-2877, 463-1646 to 47, 940-1216 DOH Accreditation #03-001-18-IW-1

### WATER MICROBIOLOGY ANALYSIS REPORT

Client: Owner/Manager: Address:

**GUIMBA WATER DISTRICT** Engr. FELIXBERTO C. LEGARDA COR. DANZALAN AND FAIGAL ST., **GUIMBA, NUEVA ECIJA** 

19-161A	
March 05, 2019	
March 05, 2019	
March 07, 2019	
	March 05, 2019 March 05, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Sta. Veronica Pump Station	March 5, 2019 4:05 AM	3	<1.1	<1.1	PASSED
PNSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per militer

MPN/100mL = Most Probable Number per 100 militiers

Note:

1. Test method used a. Pour Plate Method for the determination of Heterotrophic Plate Count

a. Philippine National Standards for Drinking Water, 2017

b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms

2. References:

b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF

3. Result of examination specifically relates to samples as received

resentacion, RMicro

Analyst, PAM No. 18-00303

Susana P. Quiaoit, MD, FPSP Head of the Laboratory, PRC No. 64242

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