

ABANATUAN CITY WATER DISTRICT

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

Client:	GUIMBA WATER DISTRICT				
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA				
Address:	DANZALAN ST., CORNER FAIGAL ST.,				
	GUIMBA, NUEVA ECIJA				

WMAR No:	19-710A	
Date Received:	October 02, 2019	
Date Analyzed:	October 02, 2019	
Date Completed:	October 04, 2019	

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		g (Est. CFU/mL) (MPN/100mL)	-		
Sta. Veronica Pump Station	October 2, 2019 4:12 AM	1	<1.1	<1.1	PASSED
PNS	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

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



ABANATUAN CITY WATER DISTRICT

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Client:	GUIMBA WATER DISTRICT					
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA					
Address:	DANZALAN ST., CORNER FAIGAL ST.,					
	GUIMBA, NUEVA ECIJA					

WMAR No:	19-710B	
Date Received:	October 02, 2019	
Date Analyzed:	October 02, 2019	
Date Completed:	October 04, 2019	

Physical Characteristics: Sample

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
	camping	(Est. CFU/mL)	(MPN	1/100mL)	
Cavite	October 2, 2019 4:18 AM	17	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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

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

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



ABANATUAN CITY WATER DISTRICT

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

Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA WMAR No:19-710CDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN	l/100mL)	
St. John	October 2, 2019 4:25 AM	10	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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

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

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



ABANATUAN CITY WATER DISTRICT

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Client:	GUIMBA WATER DISTRICT			
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Address:	DANZALAN ST., CORNER FAIGAL ST.,			
	GUIMBA, NUEVA ECIJA			

WMAR No:	19-710D	
Date Received:	October 02, 2019	
Date Analyzed:	October 02, 2019	
Date Completed:	October 04, 2019	

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN	l/100mL)	-
Saranay	October 2, 2019 4:32 AM	6	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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 Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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Client:	GUIMBA WATER DISTRICT		
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA		
Address:	DANZALAN ST., CORNER FAIGAL ST.,		
	GUIMBA, NUEVA ECIJA		

WMAR No:	19-710E	
Date Received:	October 02, 2019	
Date Analyzed:	October 02, 2019	
Date Completed:	October 04, 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	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		-
San Andres Pump Station	October 2, 2019 4:45 AM	4	<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

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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Client:	GUIMBA WATER DISTRICT				
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA				
Address:	DANZALAN ST., CORNER FAIGAL ST.,				
	GUIMBA, NUEVA ECIJA				

WMAR No:19-710FDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of	e and Time of Sampling Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
			(MPN	1/100mL)	
Balbalino	October 2, 2019 4:51 AM	6	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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 Analyst, PAM No. 18-00303

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



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Client:	GUIMBA WATER DISTRICT			
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Address:	DANZALAN ST., CORNER FAIGAL ST.,			
	GUIMBA, NUEVA ECIJA			

WMAR No:	19-710G	
Date Received:	October 02, 2019	
Date Analyzed:	October 02, 2019	
Date Completed:	October 04, 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	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		-
Camiing	October 2, 2019 4:59 AM	<1	<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 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

Analyst, PAM No. 18-00303

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



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Client:	GUIMBA WATER DISTRICT			
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Address:	DANZALAN ST., CORNER FAIGAL ST.,			
	GUIMBA, NUEVA ECIJA			

WMAR No:19-710HDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks	
		(Est. CFU/mL)	(MPN/100mL)		-	
Guiset	October 2, 2019 5:08 AM	<1	<1.1	<1.1	PASSED	
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1		

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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Analyst, PAM No. 18-00303

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Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA WMAR No:19-710lDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 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	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		
Bacayao Pump Station	October 2, 2019 5:27 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 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

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Client:	GUIMBA WATER DISTRICT		
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA		
Address:	DANZALAN ST., CORNER FAIGAL ST.,		
	GUIMBA, NUEVA ECIJA		

19-710J	
October 02, 2019	
October 02, 2019	
October 04, 2019	
	October 02, 2019 October 02, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks	
	camping	(Est. CFU/mL)	(MPN/100mL)		-	
Casongsong	October 2, 2019 5:39 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 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. F resentacion, RMicro Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA
Address:	DANZALAN ST., CORNER FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:19-710KDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN	1/100mL)	
Pasong Inchik	October 2, 2019 5:45 AM	1	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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 Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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:	DANZALAN ST., CORNER FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:19-710LDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
	cumpinig	(Est. CFU/mL)	(MPN	l/100mL)	-
Pacac	October 2, 2019 5:57 AM	<1	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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

Verchica esentacion, RMicro Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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Client:	GUIMBA WATER DISTRICT	
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA	
Address:	DANZALAN ST., CORNER FAIGAL ST.,	
	GUIMBA, NUEVA ECIJA	

WMAR No:	19-710M
Date Received:	October 02, 2019
Date Analyzed:	October 02, 2019
Date Completed:	October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	of Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
	Gamping		(MPN/100mL)		
San Rafael Pump Station	October 2, 2019 6:13 AM	1	<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

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

Verdnic sentacion, RMicro Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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Client:	GUIMBA WATER DISTRICT
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA
Address:	DANZALAN ST., CORNER FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

WMAR No:19-710NDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN	1/100mL)	1
San Miguel	October 2, 2019 6:20 AM	<1	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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 Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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Client: GUIMBA WATER DISTRICT		
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA	
Address:	DANZALAN ST., CORNER FAIGAL ST.,	
	GUIMBA, NUEVA ECIJA	

WMAR No:19-7100Date Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN	1/100mL)	-
Bagong Baryo	October 2, 2019 6:26 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 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 acion, RMicro Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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Client:	GUIMBA WATER DISTRICT	
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA	
Address:	DANZALAN ST., CORNER FAIGAL ST.,	
	GUIMBA, NUEVA ECIJA	

19-710P	
October 02, 2019	
October 02, 2019	
October 04, 2019	
	October 02, 2019 October 02, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
	Camping	(Est. CFU/mL)	(MPN	1/100mL)	
Mangang Marikit	October 2, 2019 6:34 AM	3	<1.1	<1.1	PASSED
F	NSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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 Analyst, PAM No. 18-00303

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



ABANATUAN 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

Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:19-710QDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN/100mL)		1
Maturanoc Pump Station	October 2, 2019 6:49 AM	2	<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

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



# 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 Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA WMAR No:19-710RDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN/100mL)		-
Cabaliero	October 2, 2019 6:58 AM	4	<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 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

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Susaria P. Quiaoit, 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

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA
Address:	DANZALAN ST., CORNER FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

19-710S	
October 02, 2019	
October 02, 2019	
October 04, 2019	
	October 02, 2019 October 02, 2019

Physical Characteristics:

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
		(Est. CFU/mL)	(MPN/100mL)		-
Bunol	October 2, 2019 7:05 AM	4	<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

Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA
Address:	DANZALAN ST., CORNER FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

19-710T	
October 02, 2019	
October 02, 2019	
October 04, 2019	
	October 02, 2019 October 02, 2019

Physical Characteristics: Sample

Sample is clear, with no foreign matter

Sampling Point	pling Point Date and Time of Sampling	mpling Point Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
	3	(Est. CFU/mL)	(MPN/100mL)		-
Triala	October 2, 2019 7:13 AM	1	<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 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 Analyst, PAM No. 18-00303

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



CABANATUAN CITY WATER DISTRICT

narlika Road, Dicarma District, Cabanatuan City, Philippines

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

Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:19-710UDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 2019

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
	9	(Est. CFU/mL)	(Est. CFU/mL) (MPN/100mL)		
San Roque Pump Station	October 2, 2019 7:21 AM	1	<1.1	<1.1	PASSED
PN	SDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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

resentacion, RMicro Veronica Analyst, PAM No. 18-00303

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



ABANATUAN CITY WATER DISTRICT

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

Client:	GUIMBA WATER DISTRICT
Owner/Manager:	ENGR. FELIXBERTO C. LEGARDA
Address:	DANZALAN ST., CORNER FAIGAL ST.,
	GUIMBA, NUEVA ECIJA

19-710V	
October 02, 2019	
October 02, 2019	
October 04, 2019	
	October 02, 2019 October 02, 2019

Physical Characteristics: Sample is

Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		
Manacsac	October 2, 2019 7:26 AM	4	<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 resentacion, RMicro Analyst, PAM No. 18-00303

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CABANATUAN CITY WATER DISTRICT

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

Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:19-710WDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 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	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		
Bantug Pump Station	October 2, 2019 7:38 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 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

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

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CABANATUAN CITY WATER DISTRICT

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Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:19-710XDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 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	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		
Bantian	October 2, 2019 7:46 AM	<1	<1.1	<1.1	PASSED
F	PNSDW Limits AO 2017-0010:	<500	<1.1	<1.1	

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

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



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Client: GUIMBA WATER DISTRICT Owner/Manager: ENGR. FELIXBERTO C. LEGARDA Address: DANZALAN ST., CORNER FAIGAL ST., GUIMBA, NUEVA ECIJA

WMAR No:19-710YDate Received:October 02, 2019Date Analyzed:October 02, 2019Date Completed:October 04, 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	Thermotolerant Coliform / E. coli	Remarks
			(MPN/100mL)		
Balingong West	October 2, 2019 7:53 AM	<1	<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 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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Presentacion, RMicro Ahalyst, PAM No. 18-00303

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