



GUIMBA WATER DISTRICT
GUIMBA, NUEVA ECIIJA

TELEPHONE NO. (044) 611-12-07

TELEFAX NO. (044) 611-01-41

ANABELLE C. GRAVADOR DM- UDEV1

MS. VENICE V. TEODORO

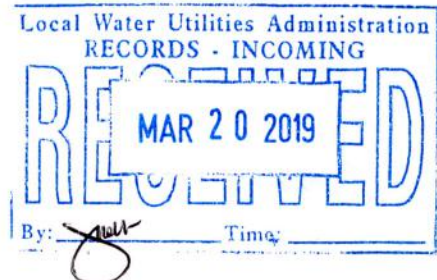
Acting Manager, UDEV1

LOCAL WATER UTILITIES ADMINISTRATION

Katipunan Road, Balara, Quezon City

WDDD Area 2

GWO copy



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 : _____

SUMMARY REPORT ON MICROBIOLOGICAL TEST

MONTH OF MARCH 2019

1. Population actually served by utility
 (No. Of service connection x ave. no of person per service connection (6.5 persons per household)
 No. of service connections 12,306 79,989
0
2. Required minimum number of sample based on the following 18

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E.coli	Minimum Frequency of Sampling for Heterophobic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000-10,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

3. Sample Requirement
- a. No. of samples examined 18
- b. Percent (%) to the minimum required 100
- c. Meet standards
 (If b is 100% or more, check Yes) ✓ Yes No

4. Parameter/Method

A. Total Coliform

- 4.1 Multiple Tube Fermentation Technique (MTFT)
- a. Number of samples showing presence of coliform group
- b. Percent (%) to samples examined (4.1a/3.a x 100) 100
- c. Meet standards
 (If b is 5% or less, check Yes) ✓ Yes No
- 4.2 Member Filter Technique (MFT)
- a. Number of samples showing presence of coliform colonies
- b. Percent (%) to the total number of sample analyzed (4.2.a/3.a x 100) 100
- c. Meet standards
 (If b is 5% or less, check Yes) ✓ Yes No
- 4.3 Enzyme Substrate Coliform Test (EST)
- a. Number of samples showing presence of coliform
- b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 100
- c. Meet Standards
 (If b is 5% or less, check Yes) ✓ Yes No

B. Thermotolerant Coliform / E.coli

- a. Number of samples showing presence of thermotolerant coliform / E.coli organisms
 MTFT: MPN/100ml value <1.1
 EST: Absent or <1 MPN/100ml
 MFT: <1 thermotolerant coliform colonies /100ml
- b. Percent (%) to total number of samples analyzed 100
- c. Meet standards
 (If a is zero, check Yes) ✓ Yes No

C. Heterotrophic Plate Count (HPC)

- a. Number of HPC tests conducted
- b. No. of samples showing HPC value <500 CFU/ml
- c. Percent (%) to number of test conducted (b/a x 100) 100
- d. Meet standards
 (If c is 100% or more, check Yes) ✓ Yes No

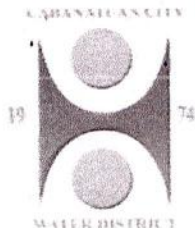
(Please attach laboratory test results with this summary form)

SUBMITTED BY:

ENG'R. FELIXBERTO C. LEGARDA

General Manager

Date



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: **COR. DANZALAN AND FAIGAL ST.,
GUIMBA, NUEVA ECIJA**

WMAR No: **19-161T**
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)		
San Roque Lote	March 5, 2019 7:35 AM	470	<1.1	<1.1	PASSED
PNSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

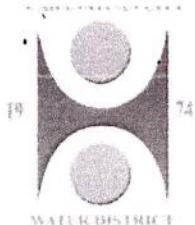
Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
 - Result of examination **specifically** relates to samples as received

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

Susana P. Quiñait, 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: **19-161S**
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 (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/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	

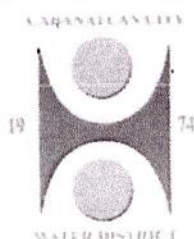
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MPN/100mL = Most Probable Number per 100 milliliters

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

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

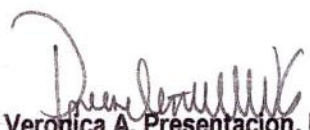
Physical Characteristics: **Sample is clear, with no foreign matter**


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

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

MPN/100mL = Most Probable Number per 100 milliliters

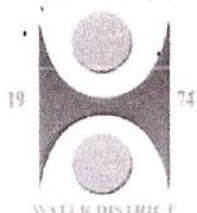
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
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Address: **COR. DANZALAN AND FAIGAL ST.,
GUIMBA, NUEVA ECIJA**

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

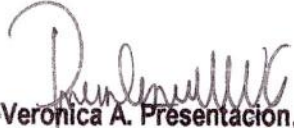
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
San Roque Pump Station	March 5, 2019 7:06 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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
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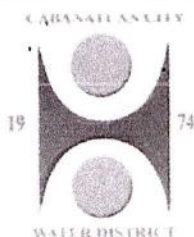

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Owner/Manager: **Engr. FELIXBERTO C. LEGARDA**
Address: **COR. DANZALAN AND FAIGAL ST.,**
GUIMBA, NUEVA ECIJA

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

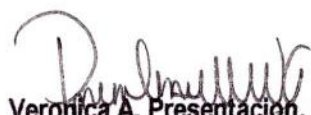
Physical Characteristics: **Sample is clear, with no foreign matter**

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

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

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
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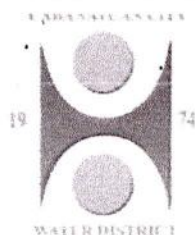

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Address: **COR. DANZALAN AND FAIGAL ST.,
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WMAR No: **19-1610**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

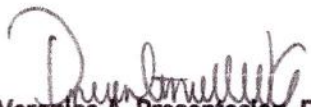
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
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 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
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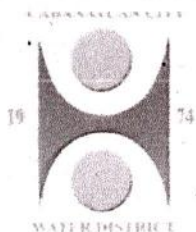

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WATER MICROBIOLOGY ANALYSIS REPORT

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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**

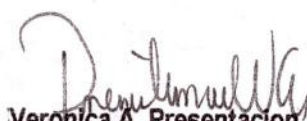
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used
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 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 2. References:
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 - 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

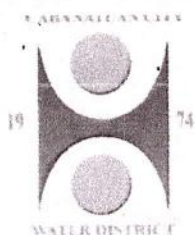

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WATER MICROBIOLOGY ANALYSIS REPORT

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

WMAR No: **19-161M**
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)		
Maturanoc Pump Station	March 5, 2019 6:32 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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

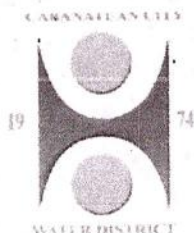
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
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WATER MICROBIOLOGY ANALYSIS REPORT

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

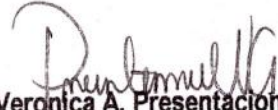
Physical Characteristics: **Sample is clear, with no foreign matter**


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

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

MPN/100mL = Most Probable Number per 100 milliliters

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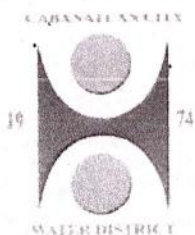

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Owner/Manager: **Engr. FELIXBERTO C. LEGARDA**
Address: **COR. DANZALAN AND FAIGAL ST.,
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WMAR No: **19-161K**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 09, 2019**

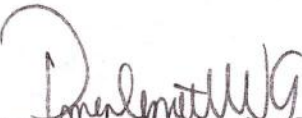
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(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	

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MPN/100mL = Most Probable Number per 100 milliliters

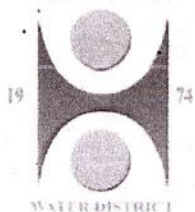
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
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Head of the Laboratory, PRC No. 64242

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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: **COR. DANZALAN AND FAIGAL ST.,
GUIMBA, NUEVA ECIJA**

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

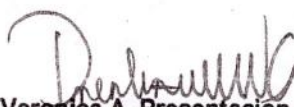
Physical Characteristics: **Sample is clear, with no foreign matter**

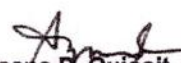
Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
San Rafael Pump Station	March 5, 2019 5:48 AM	30	<1.1	<1.1	PASSED
PNSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

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

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
 - ~~Pour Plate Method~~ for the determination of Heterotrophic Plate Count
 - ~~Multiple Tube Fermentation Technique~~ for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - ~~Philippine National Standards for Drinking Water, 2017~~
 - ~~Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF~~
 - Result of examination **specifically** relates to samples as received

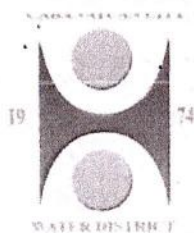

Veronica A. Presentacion, RMicro
Analyst, PAM No. 18-00303


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

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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: **19-1611**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

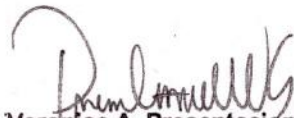
Physical Characteristics: **Sample is clear, with no foreign matter**

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Pasong Inchik	March 5, 2019 5:41 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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

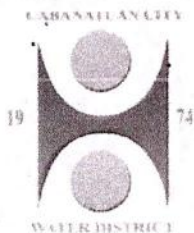
- Note:
- Test method used
 - Pour Plate Method** for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique** for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017**
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF**
 - Result of examination **specifically** relates to samples as received


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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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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: **19-161H**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

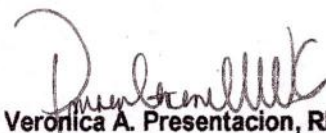
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Lenec	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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

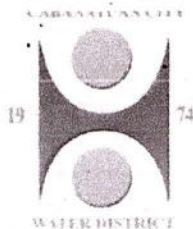
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
 - Result of examination **specifically** relates to samples as received


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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: **19-161G**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

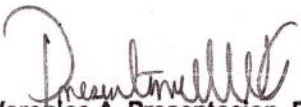
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Bacayao Pump Station	March 5, 2019 5:19 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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
 - Result of examination **specifically** relates to samples as received

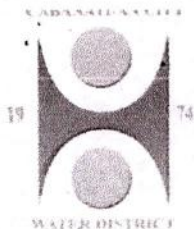

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Head of the Laboratory, PRC No. 64242

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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: **19-161F**
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)		
San Andres Pump Station	March 5, 2019 4:55 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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

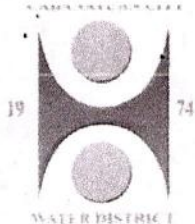
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
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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**

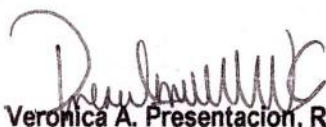
Physical Characteristics: **Sample is clear, with no foreign matter**


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

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

MPN/100mL = Most Probable Number per 100 milliliters

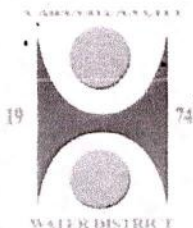
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
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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: **19-161D**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

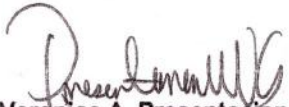
Physical Characteristics: **Sample is clear, with no foreign matter**

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Rufina Homes Subdivision	March 5, 2019 4:33 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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

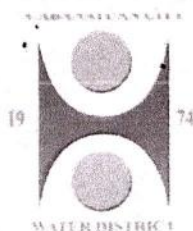
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for 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


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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: **19-161C**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

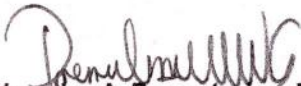
Physical Characteristics: **Sample is clear, with no foreign matter**


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

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

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
 - Result of examination **specifically** relates to samples as received

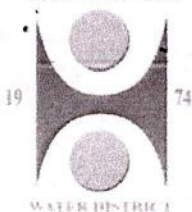

Veronica A. Presentacion, RMicro
Analyst, PAM No. 18-00303


Susana P. Quiñaoit, MD, FPSP
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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**

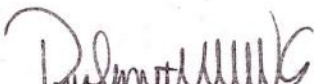
Physical Characteristics: **Sample is clear, with no foreign matter**

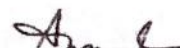
Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
St. John District	March 5, 2019 4:11 AM	3	<1.1	<1.1	PASSED
PNSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

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

MPN/100mL = Most Probable Number per 100 milliliters

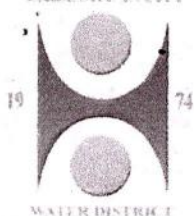
- Note:
- Test method used
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
 - Result of examination **specifically** relates to samples as received


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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: **19-161A**
Date Received: **March 05, 2019**
Date Analyzed: **March 05, 2019**
Date Completed: **March 07, 2019**

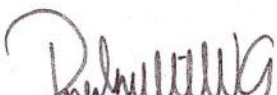
Physical Characteristics: **Sample is clear, with no foreign matter**


Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
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 milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- 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


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