

VICTORIAS CITY WATER DISTRICT
 SUMMARY REPORT ON MICROBIOLOGICAL TEST
 MONTH OF Sept. 2002015

1) Population actually served by utility 27,445
 (No. of service connections x average no. of persons
 per service connection)

2) Required minimum number of sample 6
 (Based on the following table)

Population Served	Minimum frequency of sampling
Less than 5000	One(1) sample monthly
5,000 - 100,000	One(1) sample per 5000 population monthly
More than 100,000	20 samples plus 1 sample per 10,000 population monthly

3) Sample Requirement 6
 a. No. of samples examined 100%
 b. Percent (%) to the minimum required
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT) 0
 a. Number of samples showing presence of coliform group 0
 b. Percent (%) to samples examined (4.1.a / 3.a x 100)
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)
 a. Number of samples showing presence of coliform colonies
 b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100)
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Fecal Coliform Test (FCT) 0
 a. Number of samples showing presence of fecal coliform organisms with MPN/100 ml value of 1.1 or more
 b. Meets Standard Yes No
 (If a is Zero, check Yes)

4.4 Heterotrophic Plate Count (HPC) 6
 a. Number of HPC tests conducted 6
 b. Number of samples showing HPC value <500 CFU/ml 100%
 c. Percent (%) to the number of tests conducted (b / a x 100)
 d. Meets Standard Yes No
 (If c is 100 %, check Yes)

(Please attach laboratory test results with this summary form)

NOTED BY:

ABRAHAM J. DE DIOS, JR.

General Manager

10-5-15

Date



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W.J. Villanueva, Inc.

#8 16th Lacson St., Bacolod City
Tel. No. 4335277 / 4333935
Email: waltervmd@yahoo.com

BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 06-009-15-LW-2

Laboratory Control No. 0915-119

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Water Refill

Submitted by:

Date Received: September 9, 2015

Date and Time of Collection: 09.09.15 / 11:05 AM

Date Released: September 16, 2015

PHYSICAL CHARACTERISTICS:

Volume: 370 ml
Color: Colorless
Transparency: Clear

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<1.1	<1.1	0 CFU /ml

Method:

Multiple Tube
Fermentation
Technique

Multiple Tube
Fermentation
Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media Used: Nutrient Agar

Std Values:

<1.1 MPN/100ml

INTERPRETATION*

<1.1 MPN/100ml

< 500 CFU /ml

Refilling Station

MPN/100ml Total Coliform
MPN/100ml Fecal Coliform

Less than 1.1
Less than 1.1

Public Water Supplies

Less than 1.1

*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007

NOTE: RESULTS ARE BASED ONLY ON THE SAMPLE/S SUBMITTED. Although instructions regarding proper collection technique are provided to the client and the specimen samples are thoroughly examined for integrity prior to acceptance, VILLANUEVA CLINICAL LABORATORY will NOT entertain questions regarding how the samples were collected, who collected the samples, and proper procedures of Water Treatment.

Analyst:

Noted By:

Baveth B. Dicto, RMT
LIC No 63980
Medical Technologist

Dolores M. Coruña, RMT
LIC No 7072
Medical Technologist

Walter L. Villanueva, MD, FPSP
LIC No. 94294
Pathologist



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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 06-009-15-LW-2

Laboratory Control No. 0915-120

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Lopez Subd.

Submitted by: _____ Date Received: September 9, 2015

Date and Time of Collection: 09.09.15 /11:00 AM Date Released: September 16, 2015

PHYSICAL CHARACTERISTICS:

Volume:	<u>400</u>	<u>ml</u>
Color:	<u>Colorless</u>	
Transparency:	<u>Clear</u>	

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<1.1	<1.1	0 CFU /ml

<p>Method: Multiple Tube Fermentation Technique</p>	<p>Multiple Tube Fermentation Technique</p>	<p>Method: Pour Plate Incubation: 24- 48 hrs. Temperature: 35°C Media Used: Nutrient Agar</p>
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INTERPRETATION*

Std Values: <1.1 MPN/100ml	<1.1 MPN/100ml	< 500 CFU /ml
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Refilling Station

Public Water Supplies

MPN/100ml Total Coliform	Less than 1.1	
MPN/100ml Fecal Coliform	Less than 1.1	Less than 1.1

*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007

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Analyst: _____ Noted By: _____

Baveth B. Dicto, RMT
LIC No. 63980
Medical Technologist

Dolores M. Coruña, RMT
LIC No. 7072
Medical Technologist

Walter L. Villanueva, MD, FPSP
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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 06-009-15-LW-2

Laboratory Control No. 0915-117

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Active

Submitted by:

Date Received: September 9, 2015

Date and Time of Collection: 09.09.15 /10:45 AM

Date Released: September 16, 2015

PHYSICAL CHARACTERISTICS:

Volume: 400 ml
Color: Colorless
Transparency: Clear

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<1.1	<1.1	0 CFU /ml

Method: Multiple Tube Fermentation Technique

Multiple Tube Fermentation Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media Used: Nutrient Agar

Std Values: <1.1 MPN/100ml

INTERPRETATION*
<1.1 MPN/100ml

< 500 CFU /ml

Refilling Station

Public Water Supplies

MPN/100ml Total Coliform
MPN/100ml Fecal Coliform

Less than 1.1
Less than 1.1

Less than 1.1

*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007

NOTE: RESULTS ARE BASED ONLY ON THE SAMPLE/S SUBMITTED. Although instructions regarding proper collection technique are provided to the client and the specimen samples are thoroughly examined for integrity prior to acceptance, VILLANUEVA CLINICAL LABORATORY will NOT entertain questions regarding how the samples were collected, who collected the samples, and proper procedures of Water Treatment.

Analyst:

Noted By:

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Medical Technologist

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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 06-009-15-LW-2

Laboratory Control No. 0915-114

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Daan Banwa

Submitted by: _____ Date Received: September 9, 2015

Date and Time of Collection: 09.09.15 /10:10 AM Date Released: September 16, 2015

PHYSICAL CHARACTERISTICS:

Volume:	<u>390</u>	<u>ml</u>
Color:	<u>Colorless</u>	
Transparency:	<u>Clear</u>	

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<u><1.1</u>	<u><1.1</u>	<u>0</u> CFU /ml

Method:	Multiple Tube Fermentation Technique	Multiple Tube Fermentation Technique	Method: Pour Plate Incubation: 24- 48 hrs. Temperature: 35°C Media Used: Nutrient Agar
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INTERPRETATION*

Std Values:	<1.1 MPN/100ml	<1.1 MPN/100ml	< 500 CFU /ml
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Refilling Station

Public Water Supplies


MPN/100ml Total Coliform	Less than 1.1	
MPN/100ml Fecal Coliform	Less than 1.1	Less than 1.1

*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007

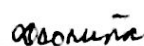
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Analyst:


Noted By:



Baveth B. Dicto, RMT
LIC No. 63980
Medical Technologist



Dolores M. Coruña, RMT
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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 06-009-15-LW-2

Laboratory Control No. 0915-118

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Sayding

Submitted by: _____ Date Received: September 9, 2015

Date and Time of Collection: 09.09.15 /10:55 AM Date Released: September 16, 2015

PHYSICAL CHARACTERISTICS:

Volume:	<u>400</u>	<u>ml</u>
Color:	<u>Colorless</u>	
Transparency:	<u>Clear</u>	

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
1.1	1.1	50 CFU /ml

Method: Multiple Tube Fermentation Technique

Multiple Tube Fermentation Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media Used: Nutrient Agar

INTERPRETATION*

Std Values: <1.1 MPN/100ml

<1.1 MPN/100ml

< 500 CFU /ml


	Refilling Station	Public Water Supplies
MPN/100ml Total Coliform	Less than 1.1	
MPN/100ml Fecal Coliform	Less than 1.1	Less than 1.1

*Source: *Philippine National Standards for Drinking Water (PNSDW)*
Department of Health, 2007

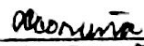
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Analyst:

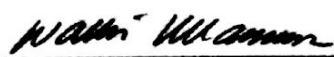
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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 06-009-15-LW-2

Laboratory Control No. 0915-116

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Miranda

Submitted by: _____

Date Received: September 9, 2015

Date and Time of Collection: 09.09.15 /10:25 AM

Date Released: September 16, 2015

PHYSICAL CHARACTERISTICS:

Volume:	<u>400</u>	<u>ml</u>
Color:	<u>Colorless</u>	
Transparency:	<u>Clear</u>	

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
1.1	1.1	30 CFU /ml

Method: Multiple Tube Fermentation Technique

Multiple Tube Fermentation Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media Used: Nutrient Agar

INTERPRETATION*

Std Values: <1.1 MPN/100ml

<1.1 MPN/100ml

< 500 CFU /ml

MPN/100ml Total Coliform
MPN/100ml Fecal Coliform

Refilling Station

Less than 1.1
Less than 1.1

Public Water Supplies

Less than 1.1

*Source: *Philippine National Standards for Drinking Water (PNSDW)*
Department of Health, 2007

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