

**VICTORIAS CITY** WATER DISTRICT  
**SUMMARY REPORT ON MICROBIOLOGICAL TEST**  
 MONTH OF Aug. 31 ~~2014~~ **2015**

1) Population actually served by utility  
 (No. of service connections x average no. of persons per service connection) 27,240

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

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

a. No. of samples examined 6

b. Percent (%) to the minimum required 100%

c. Meets Standard  Yes  No  
 (If b is 100% or more, check Yes)

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group 0

b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0

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)

a. Number of samples showing presence of fecal coliform organisms with MPN/100 ml value of 1.1 or more 0

b. Meets Standard  Yes  No  
 (If a is Zero, check Yes)

4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 6

b. Number of samples showing HPC value <500 CFU/ml 6

c. Percent (%) to the number of tests conducted (b / a x 100) 100%

d. Meets Standard  Yes  No  
 (If c is 100 %, check Yes)

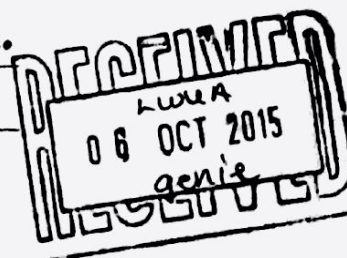
( Please attach laboratory test results with this summary form)

NOTED BY:

**ABRAHAM J. DE DIOS, JR.**

General Manager  
 9-30-15

Date





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# W.J. Villanueva, Inc.

#8 16<sup>th</sup> Lacson St., Bacolod City  
Tel. No. 4335277 / 4333935  
Email: [waltervmd@yahoo.com](mailto:waltervmd@yahoo.com)

## BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 0012

Laboratory Control No. 0815-101

**CLIENT:** Victorias City Water District

Quirino St., Brgy. 5, Victorias City, Negros Occidental

Sample Source: Salvacion Subdivision

Submitted by: Elvin Montes

Date Received: August 05, 2015

Date and Time of Collection: 08.05.15 /10:41 AM

Date Released: August 12, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 400 ml  
Color: Colorless  
Transparency: Clear

### BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<u>&lt;1.1</u>	<u>&lt;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

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:

Kirsta L. Malunes, RMT  
LIC No. 61243  
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.: 0012

Laboratory Control No. 0815-100

**CLIENT: Victorias City Water District**

Quirino St., Brgy. 5, Victorias City, Negros Occidental

Sample Source: Lopez Subdivision

Submitted by: Elvin Montes

Date Received: August 05, 2015

Date and Time of Collection: 08.05.15 /10:30 AM

Date Released: August 12, 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	15 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

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Analyst:

Noted By:

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LIC No. 61243  
Medical Technologist

Dolores M. Coruña, RMT  
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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 0012

Laboratory Control No. 0815-099

**CLIENT: Victorias City Water District**

Quirino St., Brgy. 5, Victorias City, Negros Occidental

Sample Source: Teachers Village

Submitted by: Elvin Montes

Date Received: August 05, 2015

Date and Time of Collection: 08.05.15 /10:20 AM

Date Released: August 12, 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

**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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Medical Technologist

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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 0012

Laboratory Control No. 0815-098

**CLIENT: Victorias City Water District**

Quirino St., Brgy. 5, Victorias City, Negros Occidental

Sample Source: P.S. #6

Submitted by: Elvin Montes

Date Received: August 05, 2015

Date and Time of Collection: 08.05.15 /10:05 AM

Date Released: August 12, 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**

MPN/100ml Total Coliform Less than 1.1  
MPN/100ml Fecal Coliform 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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## BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 0012

Laboratory Control No. 0815-096

**CLIENT:** Victorias City Water District

Quirino St., Brgy. 5, Victorias City, Negros Occidental

Sample Source: Kadalag-an Village

Submitted by: Elvin Montes

Date Received: August 05, 2015

Date and Time of Collection: 08.05.15 /09:17 AM

Date Released: August 12, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 400 ml  
Color: Colorless  
Transparency: Clear

## BACTERIOLOGICAL EXAMINATION OF WATER

### Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<u>&lt;1.1</u>	<u>&lt;1.1</u>	<u>10</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

**INTERPRETATION\***

Std Values: <1.1 MPN/100ml

<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

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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 0012

Laboratory Control No. 0815-095

**CLIENT: Victorias City Water District**

Quirino St., Brgy. 5, Victorias City, Negros Occidental

Sample Source: Hda. Editha

Submitted by: Elvin Montes

Date Received: August 05, 2015

Date and Time of Collection: 08.05.15 /09:00 AM

Date Released: August 12, 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

**INTERPRETATION\***

Std Values: <1.1 MPN/100ml

<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

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