

VICTORIAS CITY WATER DISTRICT  
SUMMARY REPORT ON MICROBIOLOGICAL TEST  
MONTH OF Jan. 20015

1) Population actually served by utility  
(No. of service connections x average no. of persons per service connection) 26,355

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 9  
b. Percent (%) to the minimum required 150%  
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 9  
b. Number of samples showing HPC value <500 CFU/ml 9  
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: Paulino M. Cruz  
**PAULINO M. CRUZ**  
General Manager  
Date \_\_\_\_\_



**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 001

Laboratory Control No. 0115-375

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: Glori Ville

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /10:40 AM

Date Released: January 27, 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

**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:

Janice J. Educado, RMT  
LIC No. 41761  
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.: 001

Laboratory Control No. 0115-376

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: Daan Banwa

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /10:55 AM

Date Released: January 27, 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

**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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Analyst:

Noted By:

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Medical Technologist

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

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



**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 001

Laboratory Control No. 0115-377

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: Villa Miranda

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /11:15 AM

Date Released: January 27, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 400 ml  
Color: Colorless  
Transparency: Clear

**BACTERIOLOGICAL EXAMINATION OF WATER**

Result

| Total Coliforms | Fecal Coliforms | Heterotrophic Plate Count |
|-----------------|-----------------|---------------------------|
| <b>&lt;1.1</b>  | <b>&lt;1.1</b>  | <b>25</b> 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:

Noted By:

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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 001

Laboratory Control No. 0115-378

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: Salvacion

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /11:35 AM

Date Released: January 27, 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

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

**Refilling Station**  
Less than 1.1  
Less than 1.1

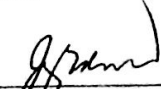
**Public Water Supplies**  
Less than 1.1

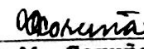
\*Source: Philippine National Standards for Drinking Water (PNSDW)  
Department of Health, 2007


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Analyst:

Noted By:

  
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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 001

Laboratory Control No. 0115-379

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: PS #3

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /11:45 AM

Date Released: January 27, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 375 ml  
Color: Colorless  
Transparency: Clear

**BACTERIOLOGICAL EXAMINATION OF WATER**  
Result

| Total Coliforms | Fecal Coliforms | Heterotrophic Plate Count |
|-----------------|-----------------|---------------------------|
| <b>&lt;1.1</b>  | <b>&lt;1.1</b>  | <b>2</b> 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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Analyst:

Noted By:

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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 001

Laboratory Control No. 0115-381

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: PS #1

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /11:55 AM

Date Released: January 27, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 400 ml  
Color: Colorless  
Transparency: Clear

**BACTERIOLOGICAL EXAMINATION OF WATER**

Result

| Total Coliforms | Fecal Coliforms | Heterotrophic Plate Count |
|-----------------|-----------------|---------------------------|
| <b>&lt;1.1</b>  | <b>&lt;1.1</b>  | <b>0</b> 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

**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.: 001

Laboratory Control No. 0115-380

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: PS #4

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /12:05 PM

Date Released: January 27, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 400 ml  
Color: Colorless  
Transparency: Clear

**BACTERIOLOGICAL EXAMINATION OF WATER**  
Result

| Total Coliforms | Fecal Coliforms | Heterotrophic Plate Count |
|-----------------|-----------------|---------------------------|
| <b>&lt;1.1</b>  | <b>&lt;1.1</b>  | <b>0</b> 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**

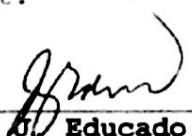
Less than 1.1

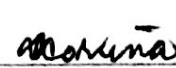
\*Source: Philippine National Standards for Drinking Water (PNSDW)  
Department of Health, 2007


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Analyst:

Noted By:

  
Janice J. Educado, RMT  
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Medical Technologist

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

Accreditation No.: 001

Laboratory Control No. 0115-382

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: PS #2

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /12:15 PM

Date Released: January 27, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 400 ml  
Color: Colorless  
Transparency: Clear

**BACTERIOLOGICAL EXAMINATION OF WATER**

Result

| Total Coliforms | Fecal Coliforms | Heterotrophic Plate Count |
|-----------------|-----------------|---------------------------|
| <b>&lt;1.1</b>  | <b>&lt;1.1</b>  | <b>0</b> 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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Analyst:

Noted By:

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LIC No 41761  
Medical Technologist

Dolores M. Coruña, RMT  
LIC No 7072  
Medical Technologist

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**BACTERIOLOGICAL WATER ANALYSIS REPORT**

Accreditation No.: 001

Laboratory Control No. 0115-383

**CLIENT: Victorias City Water District**

Victorias City, Negros Occidental

Sample Source: Refilling

Submitted by: E. Panisales

Date Received: January 20, 2015

Date and Time of Collection: 01.20.15 /12:25 PM

Date Released: January 27, 2015

**PHYSICAL CHARACTERISTICS:**

Volume: 375 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>40</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

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:

Janice D. Educado, RMT  
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Medical Technologist

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