

ANNEX A - Standard Form

VICTORIAS CITY WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF May 31 2002015

1) Population actually served by utility 26,810
(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
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
General Manager
06-23-2015
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.: 001

Laboratory Control No. 0515-125

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: PS # 5

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /08:15 AM

Date Released: May 18, 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	2 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 Less than 1.1
MPN/100ml Fecal Coliform Less than 1.1

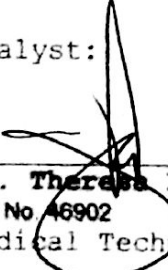
Less than 1.1

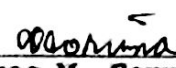
*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007


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:


Ma. Theresa L. Lopez, RMT
LIC No. 46902
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. 0515-126

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Gloriville

Submitted by: _____

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /08:30 AM

Date Released: May 18, 2015

PHYSICAL CHARACTERISTICS:

Volume: 400 ml
Color: Colorless
Transparency: Clear

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<u><1.1</u>	<u><1.1</u>	<u>4</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:

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Medical Technologist

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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 001

Laboratory Control No. 0515-127

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Daan Banwa

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /08:45 AM

Date Released: May 18, 2015

PHYSICAL CHARACTERISTICS:

Volume: 400 ml
Color: Colorless
Transparency: Clear

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<u><1.1</u>	<u><1.1</u>	<u>2</u> CFU /ml

Method:

Multiple Tube
Fermentation
Technique

Multiple Tube
Fermentation
Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media sed: 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. 0515-128

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Villa Miranda

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /09:10 AM

Date Released: May 18, 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	6 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

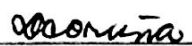
*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007


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Analyst:

Noted By:


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Medical Technologist


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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 001

Laboratory Control No. 0515-129

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Salvacion

Submitted by: _____

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /09:25 AM

Date Released: May 18, 2015

PHYSICAL CHARACTERISTICS:

Volume: 400 ml
Color: Colorless
Transparency: Clear

BACTERIOLOGICAL EXAMINATION OF WATER

Result

Total Coliforms	Fecal Coliforms	Heterotrophic Plate Count
<u><1.1</u>	<u><1.1</u>	<u>12</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

Less than 1.1
Less than 1.1

Public Water Supplies

Less than 1.1

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

*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.: 001

Laboratory Control No. 0515-130

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: PS #3

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /09:35 AM

Date Released: May 18, 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	2 CFU /ml

Method:

Multiple Tube
Fermentation
Technique

Multiple Tube
Fermentation
Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media sed: 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

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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Medical Technologist

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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 001

Laboratory Control No. 0515-132

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: PS #4

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /09:55 AM

Date Released: May 18, 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	10 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


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Analyst:

Noted By:


Ma. Theresa L. Lopez, RMT
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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 001

Laboratory Control No. 0515-133

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: PS #2

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /10:05 AM

Date Released: May 18, 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	2 CFU /ml

Method:

Multiple Tube
Fermentation
Technique

Multiple Tube
Fermentation
Technique

Method: Pour Plate
Incubation: 24- 48 hrs.
Temperature: 35°C
Media sed: 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

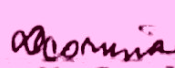
*Source: Philippine National Standards for Drinking Water (PNSDW)
Department of Health, 2007


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Analyzed:

Noted By:


Ma. Theresa L. Lopez, RMT
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BACTERIOLOGICAL WATER ANALYSIS REPORT

Accreditation No.: 001

Laboratory Control No. 0515-134

CLIENT: Victorias City Water District

Victorias City, Negros Occidental

Sample Source: Refilling Station

Submitted by:

Date Received: May 11, 2015

Date and Time of Collection: 05.11.15 /10:15 AM

Date Released: May 18, 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	8 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

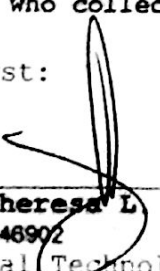
Less than 1.1

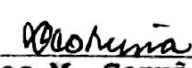
*Source: Philippine National Standards for Drinking Water (PNSDW)
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