

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JANUARY 2022**

1) Population actually served by utility 109,645
(No. of service connections x average no. of persons
per service connection)

2) Required minimum number of samples 20
(Based on the following table)

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


3) Sample Requirement
a. No. Of samples examined 28
b. Percent (%) to the minimum required 140%
c. Meets Standard
(If b is 100% of more, check Yes) Yes No

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

4.2 Membrane Filter Technique (MFT)
a. Number of samples showing presence of coliform colonies 0
b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%
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 1.1or 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 28
b. Number of Samples showing HPC value < 500 CFU/ml 28
c. Percent (%) to the number of tests conducted (b/a x 100) 100%
d. Meets Standard Yes No
(If c is 100%, check Yes)

Noted by: 

MR. ARNOLD G. VALENCIA
General Manager

Date

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF FEBRUARY 2022**

1) Population actually served by utility 110,645
(No. of service connections x average no. of persons
per service connection)

2) Required minimum number of samples 20
(Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 29

b. Percent (%) to the minimum required 145%

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group

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

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

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) 0
0%

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 1.1or more

b. Meets Standard Yes No 0

(If a is Zero, check Yes)

4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC Tests conducted

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

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

d. Meets Standard Yes No

(If c is 100%, check Yes)

Noted by:



MR. ARNOLD G. VALENCIA
General Manager

Date

CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF MARCH 2022

1) Population actually served by utility (No. of service connections x average no. of persons per service connection)	<u>111,165</u>								
2) Required minimum number of samples (Based on the following table)	<u>20</u>								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Population Served</th> <th style="text-align: left;">Minimum frequency of sampling</th> </tr> </thead> <tbody> <tr> <td>Less than 5,000</td> <td>One (1) sample monthly</td> </tr> <tr> <td>5,000-100,000</td> <td>One (1) per 5,000 population monthly</td> </tr> <tr> <td>More than 100,000</td> <td>20 samples plus 1 sample per 10,000 population monthly</td> </tr> </tbody> </table>	Population Served	Minimum frequency of sampling	Less than 5,000	One (1) sample monthly	5,000-100,000	One (1) per 5,000 population monthly	More than 100,000	20 samples plus 1 sample per 10,000 population monthly	
Population Served	Minimum frequency of sampling								
Less than 5,000	One (1) sample monthly								
5,000-100,000	One (1) per 5,000 population monthly								
More than 100,000	20 samples plus 1 sample per 10,000 population monthly								
3) Sample Requirement									
a. No. Of samples examined	30								
b. Percent (%) to the minimum required	150%								
c. Meets Standard (If b is 100% of more, check Yes)	_____								
<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No									
4) Method									
4.1 Multiple Tube Fermentation Technique (MTFT)									
a. Number of samples showing presence of coliform group	_____								
b. Percent (%) to samples examined (4.1.a / 3.a x 100)	_____								
c. Meets Standard (If b is 100% of more, check Yes)	_____								
<input type="checkbox"/> Yes <input type="checkbox"/> No									
4.2 Membrane Filter Technique (MFT)									
a. Number of samples showing presence of coliform colonies	0								
b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100)	0%								
c. Meets Standard (If b is 5% or less, check yes)	_____								
<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No									
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 (If a is Zero, check Yes)	_____								
<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No									
4.4 Heterotrophic Plate Count (HPC)									
a. Number of HPC Tests conducted	30								
b. Number of Samples showing HPC value < 500 CFU/ml	30								
c. Percent (%) to the number of tests conducted (b/a x 100)	100%								
d. Meets Standard (If c is 100%, check Yes)	_____								
<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No									

Noted by:



MR. ARNOLD G. VALENCIA
General Manager

Date

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF APRIL 2022**

1) Population actually served by utility 111,685
(No. of service connections x average no. of persons per service connection)

2) Required minimum number of samples 20
(Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined	<u>29</u>
b. Percent (%) to the minimum required	<u>145%</u>
c. Meets Standard	
(If b is 100% of more, check Yes)	<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group	
b. Percent (%) to samples examined (4.1.a / 3.a x 100)	
c. Meets Standard	
(If b is 100% of more, check Yes)	<input type="checkbox"/> Yes <input type="checkbox"/> No

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies	<u>0</u>
b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100)	<u>0%</u>
c. Meets Standard	
(If b is 5% or less, check yes)	<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No

4.3 Fecal Coliform Test (FCT)

a. Number of samples showing presence of fecal coliform organisms with MPN/100 ml value of 1.1or more	<u>0</u>
b. Meets Standard	
(If a is Zero, check Yes)	<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No

4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC Tests conducted	<u>29</u>
b. Number of Samples showing HPC value < 500 CFU/ml	<u>29</u>
c. Percent (%) to the number of tests conducted (b/a x 100)	<u>100%</u>
d. Meets Standard	
(If c is 100%, check Yes)	<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No

Noted by: _____
MR. ARNOLD G. VALENCIA
General Manager

Date

CABUYAO WATER DISTRICT SUMMARY REPORT ON MICROBIOLOGICAL TEST MONTH OF MAY 2022

1) Population actually served by utility 111,905
 (No. of service connections x average no. of persons
 per service connection _____

2) Required minimum number of samples 20
 (Based on the following table) _____

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

3) Sample Requirement

a. No. Of samples examined 29

b. Percent (%) to the minimum required 145%

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

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group _____

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

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

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%

c. Meets Standard _____
 (If b is 5% or less, check yes) Yes No

4.3 Fecal Coliform Test (FCT)

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

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


4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC Tests conducted 29

b. Number of Samples showing HPC value < 500 CFU/ml 29

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

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

Noted by: 

MR. ARNOLD G. VALENCIA
General Manager

Date

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JUNE 2022**

1) Population actually served by utility 112,480
 (No. of service connections x average no. of persons per service connection)

2) Required minimum number of samples 20
 (Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 26

b. Percent (%) to the minimum required 130%

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

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group

b. Percent (%) to samples examined $(4.1.a / 3.a \times 100)$

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

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed $(4.2.a / 3.a \times 100)$ 0%

c. Meets Standard
 (If b is 5% or less, check yes) Yes No

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
 (If a is Zero, check Yes) Yes No

4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC Tests conducted 26

b. Number of Samples showing HPC value < 500 CFU/ml 26

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

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

Noted by: **MR. ARNOLD G. VALENCIA**
General Manager

Date

CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JULY 2022

1) Population actually served by utility 112,970
 (No. of service connections x average no. of persons
 per service connection)

2) Required minimum number of samples 20
 (Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 26

b. Percent (%) to the minimum required 130%

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group

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

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%

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 26

b. Number of Samples showing HPC value < 500 CFU/ml 26

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

d. Meets Standard Yes No

(If c is 100%, check Yes)

Noted by:



MR. ARNO D.G. VALENCIA
 General Manager

 Date

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF AUGUST 2022**

1) Population actually served by utility 113,550
 (No. of service connections x average no. of persons
 per service connection

2) Required minimum number of samples 20
 (Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 29

b. Percent (%) to the minimum required 145%

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group

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

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%

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 1.1or 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 29


b. Number of Samples showing HPC value < 500 CFU/ml 29

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

d. Meets Standard Yes No

(If c is 100%, check Yes)

Noted by:



MR. ARNOLD G. VALENCIA
 General Manager

_____ Date

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF SEPTEMBER 2022**

1) Population actually served by utility 114,480
(No. of service connections x average no. of persons per service connection)

2) Required minimum number of samples 20
(Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 34

b. Percent (%) to the minimum required 170%

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group

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

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%

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 34


b. Number of Samples showing HPC value < 500 CFU/ml 34

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

d. Meets Standard Yes No

(If c is 100%, check Yes)

Noted by:



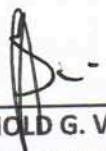
MR. ARNOLD G. VALENCIA
General Manager

Date

CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF OCTOBER 2022

- 1) Population actually served by utility 114,480
(No. of service connections x average no. of persons per service connection)
- 2) Required minimum number of samples 20
(Based on the following table)
- | Population Served | Minimum frequency of sampling |
|-------------------|--|
| Less than 5,000 | One (1) sample monthly |
| 5,000-100,000 | One (1) per 5,000 population monthly |
| More than 100,000 | 20 samples plus 1 sample per 10,000 population monthly |
- 3) Sample Requirement
- a. No. Of samples examined 28
- b. Percent (%) to the minimum required 140%
- c. Meets Standard _____
(If b is 100% of more, check Yes) Yes No
- 4) Method
- 4.1 Multiple Tube Fermentation Technique (MTFT)
- a. Number of samples showing presence of coliform group _____
- b. Percent (%) to samples examined $(4.1.a / 3.a \times 100)$ _____
- c. Meets Standard _____
(If b is 100% of more, check Yes) Yes No
- 4.2 Membrane Filter Technique (MFT)
- a. Number of samples showing presence of coliform colonies 0
- b. Percent (%) to the total number of samples analyzed $(4.2.a / 3.a \times 100)$ 0%
- c. Meets Standard _____
(If b is 5% or less, check yes) Yes No
- 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 _____
(If a is Zero, check Yes) Yes No
- 4.4 Heterotrophic Plate Count (HPC)
- a. Number of HPC Tests conducted 28
- b. Number of Samples showing HPC value < 500 CFU/ml 28
- c. Percent (%) to the number of tests conducted $(b/a \times 100)$ 100%
- d. Meets Standard _____
(If c is 100%, check Yes) Yes No

Noted by:


MR. ARNOLD G. VALENCIA
General Manager

Date

CABUYAO WATER DISTRICT SUMMARY REPORT ON MICROBIOLOGICAL TEST MONTH OF NOVEMBER 2022

1) Population actually served by utility 115,295
(No. of service connections x average no. of persons
per service connection)

2) Required minimum number of samples 20
(Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 36

b. Percent (%) to the minimum required 180%

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group _____

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

c. Meets Standard

(If b is 100% of more, check Yes) Yes No

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%

c. Meets Standard

(If b is 5% or less, check yes) Yes No

4.3 Fecal Coliform Test (FCT)

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

b. Meets Standard

(If a is Zero, check Yes) Yes No

4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC Tests conducted 36

b. Number of Samples showing HPC value < 500 CFU/ml 36

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

d. Meets Standard

(If c is 100%, check Yes) Yes No

Noted by:
 
 MR. ARNOLD G. VALENCIA
 General Manager

Date

**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF DECEMBER 2022**

1) Population actually served by utility 115,680
 (No. of service connections x average no. of persons per service connection)

2) Required minimum number of samples 20
 (Based on the following table)

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

3) Sample Requirement

a. No. Of samples examined 31

b. Percent (%) to the minimum required 155%

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

4) Method

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group _____

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

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

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies 0

b. Percent (%) to the total number of samples analyzed (4.2.a / 3.a x 100) 0%

c. Meets Standard _____
 (If b is 5% or less, check yes) Yes No

4.3 Fecal Coliform Test (FCT)

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

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

4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC Tests conducted 31

b. Number of Samples showing HPC value < 500 CFU/ml 31

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

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

Noted by:



MR. ARNO D. G. VALENCIA
 General Manager

Date