


**CABUYAO WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JANUARY 2020**

- 1) Population actually served by utility 94,385
(No. of service connections x average no. of persons per service connection)
- 2) Required minimum number of samples 18
(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 25
- b. Percent (%) to the minimum required 138%
- 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 25
- b. Number of Samples showing HPC value < 500 CFU/ml 25
- 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 FEBRUARY 2020**

1) Population actually served by utility 94,615
 (No. of service connections x average no. of persons
 per service connection

2) Required minimum number of samples 19
 (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 24

b. Percent (%) to the minimum required 126%

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 24

b. Number of Samples showing HPC value < 500 CFU/ml 24

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 JULY 2020**

1) Population actually served by utility 96,700
 (No. of service connections x average no. of persons per service connection)

2) Required minimum number of samples 19
 (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 22

b. Percent (%) to the minimum required 116%

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 22

b. Number of Samples showing HPC value < 500 CFU/ml 22

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 AUGUST 2020

1) Population actually served by utility 97,540
(No. of service connections x average no. of persons per service connection)

2) Required minimum number of samples 19
(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 23

b. Percent (%) to the minimum required 121%

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 23


b. Number of Samples showing HPC value < 500 CFU/ml 23

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 2020

1) Population actually served by utility 98,345
 (No. of service connections x average no. of persons
 per service connection _____

2) Required minimum number of samples 19
 (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 23
 a. No. Of samples examined 121%
 b. Percent (%) to the minimum required _____
 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 0%
 samples analyzed (4.2.a / 3.a x 100) _____
 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 0
 organisms with MPN/100 ml value of 1.1or more _____
 b. Meets Standard _____
 (If a is Zero, check Yes) Yes No

4.4 Heterotrophic Plate Count (HPC)
 a. Number of HPC Tests conducted 23
 b. Number of Samples showing HPC value < 500 CFU/ml 23
 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 OCTOBER 2020**

- 1) Population actually served by utility 98,840
(No. of service connections x average no. of persons per service connection)
- 2) Required minimum number of samples 19
(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 22
- b. Percent (%) to the minimum required 115%
- 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 22
- b. Number of Samples showing HPC value < 500 CFU/ml 22
- 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 NOVEMBER 2020**

1) Population actually served by utility (No. of service connections x average no. of persons per service connection)		99,365								
<hr/>										
2) Required minimum number of samples (Based on the following table)		19								
<hr/>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Population Served</th> <th>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									
<hr/>										
3) Sample Requirement										
a. No. Of samples examined		23								
b. Percent (%) to the minimum required		121%								
<hr/>										
c. Meets Standard										
(If b is 100% of more, check Yes)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
<hr/>										
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									
<hr/>										
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%								
<hr/>										
c. Meets Standard										
(If b is 5% or less, check yes)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
<hr/>										
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)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
<hr/>										
4.4 Heterotrophic Plate Count (HPC)										
a. Number of HPC Tests conducted		23								
b. Number of Samples showing HPC value < 500 CFU/ml		23								
c. Percent (%) to the number of tests conducted (b/a x 100)		100%								
<hr/>										
d. Meets Standard										
(If c is 100%, check Yes)	<input 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 DECEMBER 2020

1) Population actually served by utility 99,815
 (No. of service connections x average no. of persons
 per service connection _____

2) Required minimum number of samples 19
 (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 21

b. Percent (%) to the minimum required 110%

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 1.1 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 21

b. Number of Samples showing HPC value < 500 CFU/ml 21

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