

PINAMUNGAJAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JUNE 2017

- 1) Population actually served by utility 26,220
 (No. of service connections (5,192 x 5) average no. of persons
 per service connection)
- 2) Required minimum number of sample 5
 (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) 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 10
- b. Percent (%) to the minimum required 200%
- 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 coli form colonies 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 coli form colonies NA
- b. Percent (%) to the total number of samples analyzed (4.2.a/3.a x 100) NA
- c. Meets Standard Yes No
 (If b is 5% or less, check Yes)
- 4.3 Fecal Coli form Test (FCT)
- a. Number of samples showing presence of fecal coli form 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 10
- b. Number of Samples showing HPC value <500 CFU/ml 10
- c. Percent (%) to the number of tests conducted (b/a x 100) 100%
- d. Meets Standard / Yes No
 (If c is 100%, check Yes)


Attached are the corresponding laboratory test results.

SUBMITTED BY:


ERIC F. BARCUATRO
 General Manager

July 27, 2017
 Date

Received by:


BERNADETTE B. ATIU
 Rural Health Unit

LWUA

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Agustino Gingoşa
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 9:21 a.m.
Place of Sampling: Sacsac, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	1	< 500	Passed

* MTFT - Multiple Tube Fermentation Technique

* CFU - Colony Forming Unit

* MPN - Most Probable Number

The result given in this report were obtained at the time of the test and refer only to the particular sample submitted.

References:

Philippine National Standards for Drinking Water, 2007.

Department of Health.

DAO 34 - 35. Department of Environment and Natural Resources.

American Public Health Association (APHA), 2005.

Standard Methods for the Examination of Water and Wastewater,
21st ed., APHA Washington D.C.

Checked & Certified by:

Ms. Happy Mariel U. Lim

Laboratory Head

PRC License No. 0013262

Approved by:

Mr. John Jay L. Po

General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
 Name of Company: Pinamungajan Water District
 Water Treated: Yes
 Sampling Point/s: Faucet - Galicano Bacata
 Submitted by: Eric F. Baricuatro
 Date Received: June 29, 2017
 Date of Sampling: June 29, 2017
 Time of Sampling: 9:00 a.m.
 Place of Sampling: Mangoto, Pinamungajan, Cebu
 Water Supply: Deepwell
 Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	2	< 500	Passed

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Checked & Certified by:

Ms. Happy Mariel U. Lim
 Laboratory Head

PRC License No. 0013262

Approved by:

Mr. Johnjay L. Po
 General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Erlinda Mahinay
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 8:40 a.m.
Place of Sampling: Binabag, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	< 1	< 500	Passed

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Approved by:

Mr. Johnjay L. Po
General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Armando Kyamko
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 8:50 a.m.
Place of Sampling: Poblacion, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	< 1	< 500	Passed

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Approved by:

Mr. Johnjay L. Po
General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Wilson Tangararang
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 9:57 a.m.
Place of Sampling: Dakit, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	1	< 500	Passed

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General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
 Name of Company: Pinamungajan Water District
 Water Treated: Yes
 Sampling Point/s: Faucet - Pinamungajan District Hospital
 Submitted by: Eric F. Baricuatro
 Date Received: June 29, 2017
 Date of Sampling: June 29, 2017
 Time of Sampling: 10:07 a.m.
 Place of Sampling: Pandacan, Pinamungajan, Cebu
 Water Supply: Deepwell
 Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	2	< 500	Passed

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 General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Evelyn Hubahib
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 10:27 a.m.
Place of Sampling: Butong, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	1	< 500	Passed

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General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Analie Paz
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 11:15 a.m.
Place of Sampling: Tajao, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	1	< 500	Passed

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General Manager

BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Tanibag Elementary School
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 11:01 a.m.
Place of Sampling: Tanibag, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
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BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client: Pinamungajan Water District
Name of Company: Pinamungajan Water District
Water Treated: Yes
Sampling Point/s: Faucet - Aurea Diango
Submitted by: Eric F. Baricuatro
Date Received: June 29, 2017
Date of Sampling: June 29, 2017
Time of Sampling: 9:08 a.m.
Place of Sampling: Tutay, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: July 6, 2017

RWT No. : ML 83524

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
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