

PINAMUNGAJAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF FEBRUARY 2018

1) Population actually served by utility 27,590
 (No. of service connections (5,518 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)

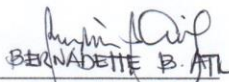
Attached are the corresponding laboratory test results.

SUBMITTED BY:


ERIC F. BARICUATRO
 General Manager

March 23, 2018
 Date

Received by:


BERNADETTE B. ATI
 Rural Health Unit

Sangi Tabunok, Talisay City, Cebu • Tel. Nos.: (032) 272-7739 / 272-5186 / 491-7196

Accreditation No. 07-WTL-2018-004-P

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 - Monica Aniñon
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 10:39 a.m.
Place of Sampling: Tanibag, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: March 1, 2018

RWT No. : ML 91521

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:

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Department of Health.
DAO 34 - 35. Department of Environment and Natural Resources.
American Public Health Association (APHA), 2012.
Standard Methods for the Examination of Water and Wastewater,
22nd ed., APHA Washington D.C.

Checked & Certified by

Ms. Happy Mariel U. Lim

Laboratory Head

PRC License No. 0013262

Cert. No. WMLA - 17 - 0622

Approved by:

Mr. Johnny L. Po

General Manager

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Accreditation No. 07-WTL-2018-004-P

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 - Babie Juromay
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 11:03 a.m.
Place of Sampling: Tajao, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: March 1, 2018

RWT No. : ML 91521

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 - Florentino Pabonita
 Submitted by: Eric F. Baricuatro
 Date Received: February 23, 2018
 Date of Sampling: February 23, 2018
 Time of Sampling: 10:23 a.m.
 Place of Sampling: Rizal, Pinamungajan, Cebu
 Water Supply: Deepwell
 Date of Release: March 1, 2018

RWT No. : ML 91521

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 - Jane Marinduque
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 10:12 a.m.
Place of Sampling: Pandacan, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: March 1, 2018

RWT No. : ML 91521

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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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 - Mercedes Ohayas
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 9:49 a.m.
Place of Sampling: Sambagon, Pinamungajan, Cebu
Water Supply: Spring
Date of Release: March 1, 2018

RWT No. : ML 91521

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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BACTERIOLOGICAL TEST RESULT FOR DRINKING WATER

Name of Client:	Pinamungajan Water District	RWT No. : ML 91521
Name of Company:	Pinamungajan Water District	
Water Treated:	Yes	
Sampling Point/s:	Faucet - Pinamungajan Central Elementary School	
Submitted by:	Eric F. Baricuatro	
Date Received:	February 23, 2018	
Date of Sampling:	February 23, 2018	
Time of Sampling:	9:20 a.m.	
Place of Sampling:	Poblacion, Pinamungajan, Cebu	
Water Supply:	Deepwell	
Date of Release:	March 1, 2018	

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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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 - Marilyn Sapilan
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 9:09 a.m.
Place of Sampling: Binabag, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: March 1, 2018

RWT No. : ML 91521

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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Heterotrophic Plate Count	Pour Plate	CFU/ mL	-	1	< 500	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 - Michelle Rarugal
 Submitted by: Eric F. Baricuatro
 Date Received: February 23, 2018
 Date of Sampling: February 23, 2018
 Time of Sampling: 8:49 a.m.
 Place of Sampling: Mangoto, Pinamungajan, Cebu
 Water Supply: Deepwell
 Date of Release: March 1, 2018

RWT No. : ML 91521

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Accreditation No. 07-WTL-2018-004-P

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 - Mary Rose Magtagad
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 8:20 a.m.
Place of Sampling: Tutay, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: March 1, 2018

RWT No. : ML 91521

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
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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 - Arceño Undalok
Submitted by: Eric F. Baricuatro
Date Received: February 23, 2018
Date of Sampling: February 23, 2018
Time of Sampling: 11:25 a.m.
Place of Sampling: Butong, Pinamungajan, Cebu
Water Supply: Deepwell
Date of Release: March 1, 2018

RWT No. : ML 91521

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
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