

**PINAMUNGAJAN WATER DISTRICT**  
**SUMMARY REPORT ON MICROBIOLOGICAL TEST**  
**MONTH OF APRIL 2017**

1) Population actually served by utility 25,725  
 (No. of service connections (5,145 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

June 08, 2017  
 Date

Received by:

  
EVANSWINDA E. NAFARENO 6/8/17 2:25 p.m.  
 Rural Health Unit

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

Accreditation No. 07-WL-2015-05-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 - Pinamungajan Birthing Center  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 9:20 a.m.  
 Place of Sampling: Poblacion, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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.

**Analysis done by:**

Ms. Sherry Lyn Seguererra  
 Lab Analyst

**Checked & Certified by:**

Ms. Happy Mariel J. Lim  
 Laboratory Head

PRC License No. 0013262

**Approved by:**

Mr. Johnjay L. Po  
 General Manager

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Accreditation No. 07-WL-2015-05-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 - Basilia Quisido  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 8:32 a.m.  
 Place of Sampling: Binabag, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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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#### Analysis done by:

Ms. Sherry Lyn Seguerro  
 Lab Analyst

#### Checked & Certified by:

Ms. Happy Mariel O. Lim  
 Laboratory Head

PRC License No. 0013262

#### Approved by:

Mr. Johnjay L. Po  
 General Manager

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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 - Ma. Cristina Baraquil  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 8:53 a.m.  
 Place of Sampling: Tutay, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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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#### Analysis done by:

Ms. Sherrylyn Segueria  
 Lab Analyst

#### Checked & Certified by:

Ms. Happy Mariel U. Lim  
 Laboratory Head

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#### Approved by:

Mr. Johnjay L. Po  
 General Manager

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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 - Marlina Casquijo  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 9:02 a.m.  
 Place of Sampling: Sacsac, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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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 Lab Analyst

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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 - Victoria Sabalones  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 10:15 a.m.  
 Place of Sampling: Tanibag, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: April 4, 2017

RWT No. : ML 81633

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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Ms. Sherry Lyn Segueria  
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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 - Florita Quisido  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 10:50 a.m.  
 Place of Sampling: Targetan, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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 - Glenda Genodiala  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 10:45 a.m.  
 Place of Sampling: Pandacan, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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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**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 - Daisy Bayutas  
 Submitted by: Eric F. Baricuatro  
 Date Received: April 25, 2017  
 Date of Sampling: April 25, 2017  
 Time of Sampling: 10:31 a.m.  
 Place of Sampling: Tajao, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: May 2, 2017

RWT No. : ML 81633

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	-	26	< 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 - Dominga Mahasol  
Submitted by: Eric F. Baricuatro  
Date Received: April 25, 2017  
Date of Sampling: April 25, 2017  
Time of Sampling: 9:39 a.m.  
Place of Sampling: Butong, Pinamungajan, Cebu  
Water Supply: Deepwell  
Date of Release: May 2, 2017

RWT No. : ML 81633

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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