

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

1) Population actually served by utility 26,335  
 (No. of service connections (5,267 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)

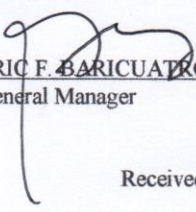
4.2 Membrane Filter Technique (MFT)  
 a. Number of samples showing presence of coli form colonies NA  
 b. Percent (%) to the total number of  
 samples analyzed (4.2.a/3.a x 100) NA  
 c. Meets Standard    Yes    No  
 (If b is 5% or less, check Yes)

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)

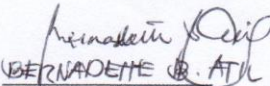
Attached are the corresponding laboratory test results.

SUBMITTED BY:

  
**ERIC F. BARICUATRO**  
 General Manager

September 26, 2017  
 Date

Received by:

  
**BERNADETTE B. ATIU**  
 Rural Health Unit

LWUA

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 - Asul Magtagad  
Submitted by: Eric F. Baricuatro  
Date Received: July 26, 2017  
Date of Sampling: July 26, 2017  
Time of Sampling: 9:11 a.m.  
Place of Sampling: Tutay, Pinamungajan, Cebu  
Water Supply: Deepwell  
Date of Release: August 2, 2017

RWT No. : ML 84419

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:**

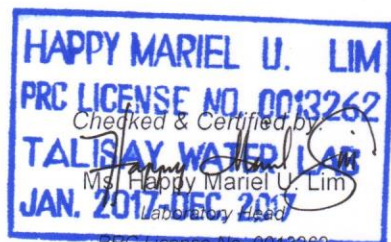
*Philippine National Standards for Drinking Water, 2007.*

*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.*



Approved by:

*Mr. Johnjay L. Po*  
General Manager

**“QUALITY TESTING IS OUR PRIORITY”**



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 - Rex Alfar  
Submitted by: Eric F. Baricuatro  
Date Received: July 26, 2017  
Date of Sampling: July 26, 2017  
Time of Sampling: 8:30 a.m.  
Place of Sampling: Binabag, Pinamungajan, Cebu  
Water Supply: Deepwell  
Date of Release: August 2, 2017

RWT No. : ML 84419

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.

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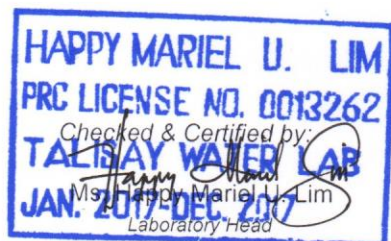
Philippine National Standards for Drinking Water, 2007.

Department of Health.

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

American Public Health Association ( APHA ), 2005.

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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 - Paulina Laraga  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 8:44 a.m.  
 Place of Sampling: Poblacion, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

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

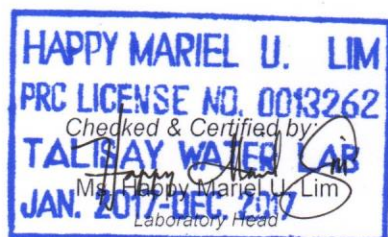
\* CFU - Colony Forming Unit

\* 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.  
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Approved by:

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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 - Lorma Lumaino  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 9:57 a.m.  
 Place of Sampling: Butong, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

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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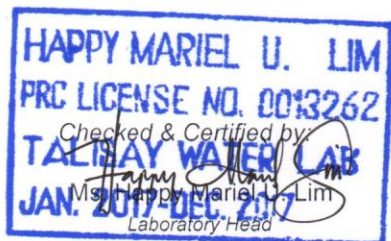
\* CFU - Colony Forming Unit

\* MPN - Most Probable Number

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Philippine National Standards for Drinking Water, 2007.  
 Department of Health.  
 DAO 34 - 35. Department of Environment and Natural Resources.  
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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 - Analou Undalok  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 9:43 a.m.  
 Place of Sampling: Pandacan, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

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

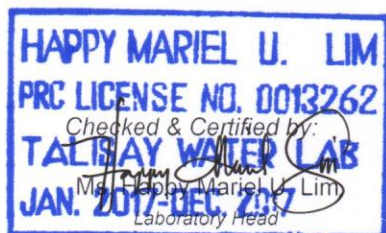
#### References:

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.

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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 - Ireneo Unde  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 11:17 a.m.  
 Place of Sampling: Buhingtubig, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

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

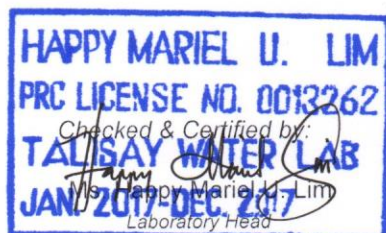
\* CFU - Colony Forming Unit

\* MPN - Most Probable Number

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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 - Rosario Tanghal  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 10:59 a.m.  
 Place of Sampling: Rizal, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

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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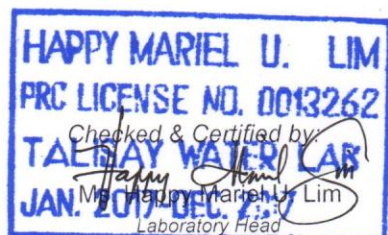
Department of Health.

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

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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 - Teodoro Maquiling  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 10:20 a.m.  
 Place of Sampling: Tanibag, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

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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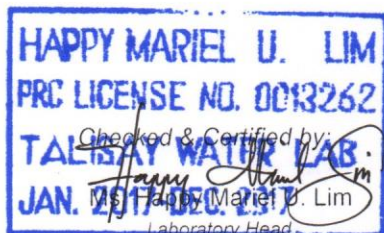
\* CFU - Colony Forming Unit

\* MPN - Most Probable Number

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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 - Miraluna Perater  
 Submitted by: Eric F. Baricuatro  
 Date Received: July 26, 2017  
 Date of Sampling: July 26, 2017  
 Time of Sampling: 10:45 a.m.  
 Place of Sampling: Tajao, Pinamungajan, Cebu  
 Water Supply: Deepwell  
 Date of Release: August 2, 2017

RWT No. : ML 84419

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)	Result/s	Standard/s	Remarks
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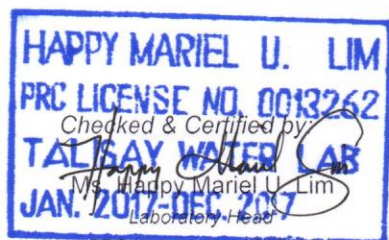
Philippine National Standards for Drinking Water, 2007.

Department of Health.

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 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 - Jose Intong  
Submitted by: Eric F. Baricuatro  
Date Received: July 26, 2017  
Date of Sampling: July 26, 2017  
Time of Sampling: 8:59 a.m.  
Place of Sampling: Mangoto, Pinamungajan, Cebu  
Water Supply: Deepwell  
Date of Release: August 2, 2017

RWT No. : ML 84419

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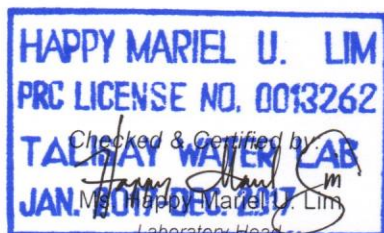
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