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

Population actually ser	ved by utility		28, 020
(No. of service connection per service connection	ctions (5,601 x 5) average no.	of persons	
No. of service connect	tion _5,604		
Required minimum nur (Based on the followin			7.6
Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E.coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumer's taps
5,000 - 100,000	1 sample per 5000 population + 2 additional samples monthly	1 sample per 5000 population + 2 additional samples monthly	Consumer's taps
More than 100,000	1 samples per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumer's taps
c. Meets Standa	o the minimum required	Yes No	10 200%
A. Total Coliform			
			0 0%
	oles showing presence of coli	form colonies	NA
b. Percent (%) to t samples analyzed c. Meets Standard	he total number of (4.2.a/3.a x 100)		NA
(If h is 5% or les	s check Yes)	Yes No	

	4.3	a. Nb. Pb. N	zyme Substrate Coliform Test (EST) Number of samples showing presence of coliform Percent (%) to total number of sample examined (4.3a/3.a x 100) Meets Standard (If a is Zero, check Yes) Yes No	
	B.	The	nermotolerant Coliform / E. coli	
		a.	Number of sample showing presence of thermotolerant coliform /E. coli organisms	
			MTFT: MPN/100 ml value of <1.1 EST: Absent or < 1MPN/100 ml. MFT: < thermotolerant coliform colonies / 100ml	
		b.	Percent (%) to total number of Samples analyzed0	
		c.	Meets Standard Yes No (if a is zero, check Yes)	
	C.	He	eterotrophic Plate Count (HPC)	
		a.	Number of HPC tests conducted 10	
		b.	No. of samples showing HPC value < 500 CFU/ml 10	
		C.	Percent (%) to number of test conducted (b/a x 100)	
		d.	Meet Standard	
			(if c is 100% or more, check Yes)	
			Attached are the corresponding laboratory test results.	
SUBMIT	TE	D B	ERIC F. BARICUATRO General Manager August 1 Da	
			Received by: ENKNSWIDE E. NKMAND & GIR	l
			LWUA	



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 - Cirilo Batitay Eric F. Baricuatro

Submitted by: Date Received:

June 27, 2018

Date of Sampling:

June 27, 2018

Time of Sampling: Place of Sampling: 8:21 a.m. Mangoto, Pinamungajan, Cebu

Water Supply:

Deepwell

Date of Release: July 4, 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

^{*} MTFT - Multiple Tube Fermentation Technique

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, 2017. 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.

Analyzed by:

Mr. Philip Ne Estocada

PRC License I

ked by

Happy Mariel U. Lim Laboratory Head

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

Mr. Johnjay L. Po Mr. sedricke L. Po General Manager / Assistant Manager

"OUALITY TESTING IS OUR PRIORIT

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number



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 - Pableo Laraño

Submitted by: Date Received:

Eric F. Baricuatro June 27, 2018

Date of Sampling:

June 27, 2018

Time of Sampling:

8:41 a.m.

Place of Sampling:

Sambagon, Pinamungajan, Cebu

Water Supply:

Spring

Date of Release:

July 4, 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

^{*} MTFT - Multiple Tube Fermentation Technique

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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.

Analyzed by:

Mr. Philip New Estocada

PRC License No. 0041398

recked by:

Laboratory Head

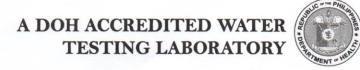
PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

Mr. Johnjay L. Po Mr. Jedricke L. Po

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number





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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: Submitted by:

Faucet - Amid Cerna Eric F. Baricuatro

Date Received:

June 27, 2018 June 27, 2018

Date of Sampling: Time of Sampling:

9:14 a.m.

Place of Sampling:

Poblacion, Pinamungajan, Cebu

Water Supply: Date of Release: Deepwell July 4, 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

^{*} MTFT - Multiple Tube Fermentation Technique

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, 2017.

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.

Analyzed by:

Mr Philip Nefi Estocada

PRC License No. 0041398

ls. Happy Mariel U. Lim

PRC License No. 0013262

Cert. No. WMLA - 17 - 0622

Certified by:

Mr. Johnjay L. Po Mr. Jedricke L. Po General Manager / Assistant Manager

"QUALITY TESTING IS OUR PRIORITY"

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number



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 - Felomino Papellero

Submitted by: Date Received: Eric F. Baricuatro

Date of Sampling:

June 27, 2018 June 27, 2018

Time of Sampling:

9:49 a.m.

Place of Sampling:

Buhingtubig, Pinamungajan, Cebu

Water Supply:

Deepwell July 4, 2018

Date of Release:

Test Requested	Methodology	Units of Measurement/ Standards	No. of Positive Tubes (out of 5 Tubes)		Standard/s	Remarks
Total Coliform	MTFT	MPN/100 mL	0	< 1.1	< 1.1	Passed
Thermotolerant Coliform	MTFT	MPN/100 mL	0	< 1.1	<11	Passed

Heterotrophic Plate Count Pour Plate * MTFT - Multiple Tube Fermentation Technique

CFU/ mL

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, 2017. 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.

Analyzed by

Mr. Philip Ne

PRC License N 0041398

As. Happy Mariel U/Lim

Laboratory Head

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

Mr. Jedricke L. Po

3

< 500

Passed

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number



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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 - Librada Saramosing

Submitted by:

Eric F. Baricuatro June 27, 2018

Date Received: Date of Sampling:

June 27, 2018

Time of Sampling:

10:17 a.m.

Place of Sampling:

Butong, Pinamungajan, Cebu

Water Supply: Date of Release: Deepwell July 4, 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

^{*} MTFT - Multiple Tube Fermentation Technique

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, 2017. 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.

Analyzed by

Mr. Philip Ner Estopada

PRC License No. 0041398

Happy Mariel U/Lim Laboratory Head

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622

Certified by:

Mr. Johnjay L. Po / Mr Jedricke L. Po

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number



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 - Librado Villegas

Submitted by: Date Received:

Eric F. Baricuatro June 27, 2018

Date Received:

Date of Sampling:

June 27, 2018 June 27, 2018

Time of Sampling:

10:28 a.m.

Place of Sampling:

Pandacan, Pinamungajan, Cebu

Water Supply: Date of Release: Deepwell July 4, 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		2	< 500	Passed

^{*} MTFT - Multiple Tube Fermentation Technique

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, 2017.

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.

Analyzed by:

Mr. Philip Net Estocada

PRC License No. 0041398

ecked by:

s. Happy Mariel U. Lim

Laboratory Head

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

Mr. Johnjay L. Po Mr. Jedricke L. Po

^{*} CFU - Colony Forming Unit

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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 - Liberty Villegas

Submitted by:

Eric F. Baricuatro

Date Received:

June 27, 2018

Date of Sampling:

June 27, 2018 10:41 a.m.

Time of Sampling: Place of Sampling:

Tajao, Pinamungajan, Cebu

Water Supply: Date of Release: Deepwell July 4, 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		4	< 500	Passed

^{*} MTFT - Multiple Tube Fermentation Technique

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, 2017. 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.

Analyzed by:

Mr. Philip A ri Estocada Lab

PRC License No. 0041398

appy Mariel V. Lim Laboratory Head

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

Mr. Johnjay L. Po Mr. Jedricke L. Po

^{*} CFU - Colony Forming Unit

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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 - Magdalina Candol

Submitted by: Date Received: Eric F. Baricuatro June 27, 2018

Date of Sampling: Time of Sampling:

June 27, 2018 11:01 a.m.

Place of Sampling:

Tanibag, Pinamungajan, Cebu

Water Supply: Date of Release: Deepwell July 4, 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	-	9	< 500	Passed

^{*} MTFT - Multiple Tube Fermentation Technique

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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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.

Analyzed by

Mr. Philip N i Estocada

PRC License No. 0041398

Happy Mariel

Laboratory Head

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

PotMr. Jedricke L. Po

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number



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:

Sampling Point/s:

Faucet - Emily Gimarangan

Submitted by: Date Received: Eric F. Baricuatro June 27, 2018

Date of Sampling:

June 27, 2018

Time of Sampling: Place of Sampling: 9:15 a.m.

Water Supply:

Tutay, Pinamungajan, Cebu Deepwell

Date of Release:

July 4, 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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Analyzed by:

Mr. Philip Ne Estocada Lab Analyst

PRC License No 0041398

Happy Mariel U/. Lim

Laboratory Head PRC License No. 0013262

Cert. No. WMLA - 17 - 0622

Certified by:

Mr. Johnjay L. Po / Mr Jedricke L. Po

^{*} CFU - Colony Forming Unit

^{*} MPN - Most Probable Number



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 - Agustin Leyson

Submitted by: Date Received: Eric F. Baricuatro

Date Received: Date of Sampling: June 27, 2018 June 27, 2018

Time of Sampling:

9:25 a.m.

Place of Sampling:

Sacsac, Pinamungajan, Cebu

Water Supply: Date of Release: Deepwell July 4, 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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Analyzed by:

Mr. Philip Med Estocada

PRC License No. 0041398

cked by

s. Happy Mariel U Lim

PRC License No. 0013262 Cert. No. WMLA - 17 - 0622 Certified by:

Mr. Johnjay L. Po Mr. Jedricke L. Po General Manager / Assistant Manager

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