

SAN JOSE CITY WATER DISTRICT
 SUMMARY REPORT ON MICROBIOLOGICAL TEST
 MONTH OF DECEMBER 2018

1) Population actually served by utility 42,460
 (No. of service connections x average no. of persons
 per service connection)

2) Required minimum number of sample 9
 (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 5,000 population monthly
More than 100,000	20 samples plus 1 sample per 10,000 population monthly

3) Sample Requirement 18
 a. No. of samples examined 200%
 b. Percent (%) to the minimum required
 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 coliform group 0
 b. Percent (%) to samples examined $(4.1.a/3.a \times 100)$ 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 coliform colonies 0
 b. Percent (%) to the total number of samples analyzed $(4.2.a/3.a \times 100)$ 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Fecal Coliform Test (FCT)

a. Number of samples showing presence of fecal coliform organisms with MPN/100 ml value 1.1 or more 0
 b. Meets Standard Yes No
 (If A is Zero, check Yes)

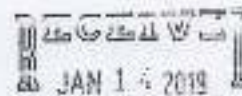
4.4 Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 18
 b. Number of samples showing HPC value <500 CFU 0
 c. Percent (%) to the number of tests conducted $(b/a \times 100)$ 0
 d. Meets Standard Yes No
 (If c is 100% check Yes)

NOTED BY :

Cecilia M. Francisco
 Engr. Cecilia M. Francisco
 General Manager

Date



BY: *[Signature]*



CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

229 Maharlika Road, Dicama District, Cabanatuan City, Philippines
 Telephone: (045) 2877-855-1665 to 47, 940 1213
 DOH Accreditation #15-001-18-W-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	<u>SAN JOSE CITY WATER DISTRICT</u>	WMAR No:	<u>18-623L</u>
Owner/Manager:	<u>Engr. CECILIA M. FRANCISCO</u>	Date Received:	<u>December 05, 2018</u>
Address:	<u>2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECILJA</u>	Date Analyzed:	<u>December 05, 2018</u>
		Date Completed:	<u>December 07, 2018</u>

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Tondod PS - 2	December 5, 2018 11:00 AM	<1	<1.1	<1.1	PASSED
PHSDW Limits AO 2017-8610:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA/WEF
 - Result of examination: **specifically** related to samples as received

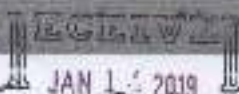
Veronica A. Presentacion, RMicro
 Analyst, PAM No. 18-00303

Susana P. Quisoc, MD, FPSP
 Head of the Laboratory, PRC No. 64242

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BY:



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 Tel/Fax (603) 453-9977, 463-1616 to 47, 463-1216
 DCR Accreditation #03-001-16-16

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	<u>SAN JOSE CITY WATER DISTRICT</u>	WMAR No:	<u>18-623K</u>
Owner/Manager:	<u>Engr. CECILIA M. FRANCISCO</u>	Date Received:	<u>December 05, 2018</u>
Address:	<u>2875 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECIIJA</u>	Date Analyzed:	<u>December 05, 2018</u>
		Date Completed:	<u>December 07, 2018</u>

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Tondod PS - 1	December 5, 2018 11:00 AM	280	<1.1	<1.1	PASSED
PNSDW Limits AD 2017-0018:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 2. Reference:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 3. Result of examination: specifically replies to complaint as received

Veronica A. Presentacion, RMicro
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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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Tel: (44) 463-2677, 463-1666 to 47, 940-1216
LDR Accreditation #03-011-18-001

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WMAR No: 18-623H
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECIJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Balena PS - 2	December 5, 2018 10:00 AM	9	<1.1	<1.1	PASSED
PNSDW Limits AD 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL - Estimated Colony Forming Units per milliliter

MPN/100mL - Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/thermotolerant coliforms
 2. References:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WCI
 3. Result of examination: **specifically** applies to samples as received

Veronica A. Presentation, RMicro
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DOH Accreditation: AOS-701-18-001

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WMMR No: 18-623G
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECILJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform		Remarks
			FecalThermotolerant Coliform (MPN/100mL)		
Belana PS - 1	December 5, 2018 10:00 AM	<1	<1.1	<1.1	PASSED
PNBDW Limits AO 2017-0810:		<500	<1.1	<1.1	

Est. CFUs - Estimated Colony Forming Units per milliliter
MPN/100mL - Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and FecalThermotolerant coliforms
 - Reference:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012. APHA/AWWA, WEF
 - Result of examination: specifically relate to samples as received


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DCH Accreditation #03-05-18 (W)

WATER MICROBIOLOGY ANALYSIS REPORT

Client: **SAN JOSE CITY WATER DISTRICT** WMAR No: **18-623F**
Owner/Manager: **Engr. CECILIA M. FRANCISCO** Date Received: **December 05, 2018**
Address: **2675 MAHARLIKA ROAD, ABAR ST.,** Date Analyzed: **December 05, 2018**
SAN JOSE CITY, NUEVA ECIJA Date Completed: **December 07, 2018**

Physical Characteristics: **Sample is clear, with no foreign matter**

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Encarnacion PS - 2	December 5, 2018 9:40 AM	<1	<1.1	<1.1	PASSED
PNSCW Limits AD 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiphase Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Result of examination specifically refers to samples as received

Veronica A. Presentacion, RMicro
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DCH Accreditation #03-011-18-LW-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WMAR No: 18-623E
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECIJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Encarnacion PS - 1	December 5, 2018 9:40 AM	1	<1.1	<1.1	PASSED
PHSDW Limits AO 2017-8018:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Alkaline Tube Fermentation Technique for the determination of Total and Fecal Thermotolerant coliforms
 2. References:
 - a. Philippine National Standard for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 3. Result of enumeration specifically refers to samples as received


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DOH Accreditation: A03-001-16-1W-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WMAR No: 18-623D
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECIJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Sta. Nifo PS - 2	December 5, 2018 8:50 AM	<1	<1.1	<1.1	PASSED
PNBOW Limbs AO 2017-0810		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 2. Reference:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2012, APHA/AWWA, WEF
 3. Result of examination: specifically relates to samples as received

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Analyst, PAM No. 18-00303

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DEN Accreditation #03-201-15-15-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WMAR No: 18-623C
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECIJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Stn. N/PS - 1	December 5, 2018 8:50 AM	<1	<1.1	<1.1	PASSED
PNSDW Limits AG 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Notes:
- Test method used:
 - Four-Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Result of examination specifically relates to samples as received

Verónica A. Presentacion, RMicro
Analyst, PAM No. 18-00303

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ICM Accreditation #03-001-18-001

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WVAR No: 18-623B
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECIJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Vilaramos PG - 2	December 5, 2018 8:30 AM	20	<1.1	<1.1	PASSED
PNRW Limits AD 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Notes:
- Test method used:
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - Reference:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Result of examination: specifically suitable to samples as received

Veronica A. Presentacion, RMicro
Analyst, PAM No. 18-00303

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Head of the Laboratory, PRC No. 64242

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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DOH Accreditation #03-30118-W-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT WVAR No: 18-623A
Owner/Manager: Engr. CECILIA M. FRANCISCO Date Received: December 05, 2018
Address: 2675 MAHARLIKA ROAD, ABAR ST., Date Analyzed: December 05, 2018
SAN JOSE CITY, NUEVA ECIJA Date Completed: December 07, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Villamos PS - 1	December 5, 2018 8:30 AM	20	<1.1	<1.1	PASSED
PNSDW Limits AD 2617-001B		<300	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Four Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Result of examination specifically refers to samples as received.

Veronica A. Presentation, RMicro
Analyst, PAM No. 18-00303

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DQI Accreditation: A03-011-18-W1

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	SAN JOSE CITY WATER DISTRICT	WMAR No:	18-661B
Owner/Manager:	Engr. CECILIA M. FRANCISCO	Date Received:	December 19, 2018
Address:	2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECLJA	Date Analyzed:	December 19, 2018
		Date Completed:	December 21, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
Malasin PS - 2	December 19, 2018 9:00 AM	<1	<1.1	<1.1	PASSED
PHSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF
 - Result of examination: **specifically** relates to samples as received

Verónica A. Presentacion, RMicro
Analyst, PAM No. 18-00303

Susana P. Dulait, MD, FPSP
Head of the Laboratory, PRC No. 64242

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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 DCM Accreditation #05-01-18 (W)

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	SAN JOSE CITY WATER DISTRICT	WMAR No:	18-661A
Owner/Manager:	Engr. CECILIA M. FRANCISCO	Date Received:	December 19, 2018
Address:	2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECLJA	Date Analyzed:	December 19, 2018
		Date Completed:	December 21, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform		Remarks
			Fecal/Thermotolerant Coliform (MPN/100mL)		
Malasin PS - 1	December 19, 2018 9:00 AM	<1	<1.1	<1.1	PASSED
PHSDW Limits AO 2017-6010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter
 MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Four Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Result of examination **specifically** relates to samples as received

Veronica A. Presentacion, RMicro
 Analyst, PAM No. 18-00303

Susana P. Quisil, MD, FPSP
 Head of the Laboratory, PRC No. 64242

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 DOW Accreditation #03-001-18-45-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	<u>SAN JOSE CITY WATER DISTRICT</u>	WMAR No:	<u>18-656F</u>
Owner/Manager:	<u>Engr. CECILIA M. FRANCISCO</u>	Date Received:	<u>December 18, 2018</u>
Address:	<u>2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECIIJA</u>	Date Analyzed:	<u>December 18, 2018</u>
		Date Completed:	<u>December 20, 2018</u>

Physical Characteristics: **Sample is clear, with no foreign matter**

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
TPS - Brgy. Tondod	December 18, 2018 10:15 AM	<1	<1.1	<1.1	PASSED
PNSDW Limits AD 2017-0018:		<300	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:**
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 2. References:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 3. Result of examination **specifically** unless otherwise received

Veronica A. Presentacion, RMicro
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Susana P. Quisil, MD, FPSP
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LCH Accreditation #03-01-19 LW 1

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	<u>SAN JOSE CITY WATER DISTRICT</u>	WMAR No.:	<u>18-656E</u>
Owner/Manager:	<u>Engr. CECILIA M. FRANCISCO</u>	Date Received:	<u>December 18, 2018</u>
Address:	<u>2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECIJA</u>	Date Analyzed:	<u>December 18, 2018</u>
		Date Completed:	<u>December 20, 2018</u>

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal Thermotolerant Coliform	Remarks
			(MPN/100mL)		
MPS - Javalde St., Brgy. Sibut	December 18, 2018 9:50 AM	<1	<1.1	<1.1	PASSED
PHSDW Limits AO 2017-0010:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal Thermotolerant coliforms
 2. References:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 3. Result of examination: specifically relates to samples as received

Veronica A. Presentacion, RMicro
Analyst, PAM No. 18-00303

Susana P. Quisil, MD, FPSP
Head of the Laboratory, PRC No. 64242

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

247 Maharlika Road, Dicamba District, Cabanatuan City, Philippines
Tel: (84) 463-2877, 463-1646 to 47, 983-1316
DOH Accreditation #03-301-18-0017

WATER MICROBIOLOGY ANALYSIS REPORT

Client: **SAN JOSE CITY WATER DISTRICT**
Owner/Manager: **Engr. CECILIA M. FRANCISCO**
Address: **2675 MAHARLIKA ROAD, ABAR ST.,
SAN JOSE CITY, NUEVA ECIJA**

WMAR No: **18-636D**
Date Received: **December 18, 2018**
Date Analyzed: **December 18, 2018**
Date Completed: **December 20, 2018**

Physical Characteristics: **Sample is clear, with no foreign matter**

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
BPS - Violago Village	December 18, 2018 9:40 AM	5	<1.1	<1.1	PASSED
PHSDW Limits AO 2017-2018:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 2. References:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2012. APHA, AWWA, WEF
 3. Result of examination: **specifically** relates to samples as received

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

229 Maharlika Road, Dikoma District, Cabanatuan City, Philippines
 Telephone: (44) 453-2677, 453-1646 to 47, 340-1216
 DCR Accreditation #03-001-18115-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	<u>SAN JOSE CITY WATER DISTRICT</u>	WMAR No:	<u>18-656C</u>
Owner/Manager:	<u>Engr. CECILIA M. FRANCISCO</u>	Date Received:	<u>December 18, 2018</u>
Address:	<u>2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECIJA</u>	Date Analyzed:	<u>December 18, 2018</u>
		Date Completed:	<u>December 20, 2018</u>

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
EPS - Roman Village	December 18, 2018 9:25 AM	1	<1.1	<1.1	PASSED
PNSCW Limits AD 2017-0010:		<300	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Four Plate Method for the determination of Heterotrophic Plate Count
 - Multiple Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - References:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Route of collection: specifically relative to samples as received

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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Telephone (603) 463-2977, 463-1648 to 47, 940-1218
DOH Accreditation #03-001-18-16-1

WATER MICROBIOLOGY ANALYSIS REPORT

Client: SAN JOSE CITY WATER DISTRICT
Owner/Manager: Engr. CECILIA M. FRANCISCO
Address: 2675 MAHARLIKA ROAD, ABAR ST.,
SAN JOSE CITY, NUEVA ECUIJA

WMAR No: 18-696B
Date Received: December 18, 2018
Date Analyzed: December 18, 2018
Date Completed: December 20, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform	Fecal/Thermotolerant Coliform	Remarks
			(MPN/100mL)		
SPS - GSIS St., Rufina 4	December 18, 2018 9:10 AM	4	<1.1	<1.1	PASSED
PNBOW Limits AO 2017-0610:		<500	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
- Test method used:
 - Pour Plate Method for the determination of Heterotrophic Plate Count
 - Multitube Tube Fermentation Technique for the determination of Total and Fecal/Thermotolerant coliforms
 - Reference:
 - Philippine National Standards for Drinking Water, 2017
 - Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 - Result of examination: **specifically** relates to samples as received

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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Tel: (44) 453-2677, 453-1545 to 47, 440-1316
DOH Accreditation #DA-301-18-001

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	SAN JOSE CITY WATER DISTRICT	WMAR No:	18-696A
Owner/Manager:	Engr. CECILIA M. FRANCISCO	Date Received:	December 18, 2018
Address:	2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECUIJA	Date Analyzed:	December 18, 2018
		Date Completed:	December 20, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform		FecalThermotolerant Coliform	Remarks
			(MPN/100mL)			
VPS - Esteban Bkt., Drgy. Abar 2nd	December 18, 2018 8:50 AM	2	<1.1	<1.1	<1.1	PASSED
PHSDW Limits AD 2017-0010:		<500	<1.1	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliliter

MPN/100mL = Most Probable Number per 100 milliliters

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and FecalThermotolerant coliforms
 2. References:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 3. Result of examination: specifically relates to samples as received

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CABANATUAN CITY WATER DISTRICT WATER TESTING LABORATORY

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DOH Accreditation #DA-301-18-001

WATER MICROBIOLOGY ANALYSIS REPORT

Client:	SAN JOSE CITY WATER DISTRICT	WMAR No:	18-696A
Owner/Manager:	Engr. CECILIA M. FRANCISCO	Date Received:	December 18, 2018
Address:	2675 MAHARLIKA ROAD, ABAR ST., SAN JOSE CITY, NUEVA ECUIJA	Date Analyzed:	December 18, 2018
		Date Completed:	December 20, 2018

Physical Characteristics: Sample is clear, with no foreign matter

Sampling Point	Date and Time of Sampling	Heterotrophic Plate Count (Est. CFU/mL)	Total Coliform		FecalThermotolerant Coliform	Remarks
			(MPN/100mL)			
VPS - Esteban Bkt., Brgy. Abar 2nd	December 18, 2018 8:50 AM	2	<1.1	<1.1	<1.1	PASSED
PHSDW Limits AD 2017-0010:		<500	<1.1	<1.1	<1.1	

Est. CFU/mL = Estimated Colony Forming Units per milliter

MPN/100mL = Most Probable Number per 100 milliter

- Note:
1. Test method used:
 - a. Pour Plate Method for the determination of Heterotrophic Plate Count
 - b. Multiple Tube Fermentation Technique for the determination of Total and FecalThermotolerant coliforms
 2. References:
 - a. Philippine National Standards for Drinking Water, 2017
 - b. Standard Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA/AWWA, WEF
 3. Result of examination: specifically relates to samples as received

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