

1.5. There is a periodic potability testing of drinking water.



**DEPARTMENT OF LABORATORY MEDICINE**

**Water Microbiological Analysis**

Accreditation No.: WMLA-08-0047

Sample Source: WATER WORKS

Submitted by:

Location: **SSCT -1**  
**MAGALLANES ST .S.C**

**Date and Time:**

Collected:---07-23-19---08:45 AM

Reviewed:---07-23-19---09:08 AM

Examined:---07-23-19---09:10 AM

Physical Characteristics:

Transparency: CLEAR

Sediment :

**MICROBIOLOGICAL EXAMINATION OF WATER SAMPLES**

EXAMINATION	RESULT
<b>A. COLIFORM INDEX TEST:</b> [Multiple Tube Fermentation Technique]	
Total Coliform:	MPN = <u>          &gt;8.0          </u> MPN/100 ML
Fecal Coliform:	MPN = <u>          0          </u> MPN/100ML
<b>B. BACTERIAL COUNT:</b>	
	HPC = <u>          530          </u> CFU/ML
<b>REMARKS: <u>          FAILED          </u></b>	

Examined by:

**MARITER J. SERING, RMT, MPA**  
 Medical Technologist  
 Lic. No. 01706

**RAUL VENERANDO B. ATUPAN, JR., MD, FPSP, AP-CP**  
 Pathologist  
 Lic. No. 77701

STANDARD METHODS OF DETECTION AND VALUES FOR MICROBIOLOGICAL QUALITY

PARAMETERS	METHOD OF ANALYSIS	STANDARD VALUES <sup>1</sup>	POINT OF COMPLIANCE
TOTAL COLIFORMS	MULTIPLE TUBE FERMENTATION TECHNIQUE (MTFT)	<1.1 MPN/ 100 ML	<ul style="list-style-type: none"> <li>• WATER TREATMENT WORKS/ PLANTS</li> <li>• CONSUMER'S TAP</li> <li>• WATER REFILLING STATIONS</li> <li>• WATER VENDERS</li> <li>• WATER VENDING MACHINES</li> <li>• MOBILE TREATMENT DEVICES</li> <li>• POINT OF USE TREATMENT DEVICES</li> <li>• BULK WATER</li> </ul>
FECAL COLIFORM	MULTIPLE TUBE FERMENTATION TECHNIQUE (MTFT)	<1.1 MPN/ 100 ML	<ul style="list-style-type: none"> <li>• SERVICE RESERVOIRS</li> <li>• WATER TREATMENT WORKS</li> <li>• CONSUMER'S TAPS</li> <li>• WATER REFILLING STATIONS</li> <li>• POINT SOURCES</li> <li>• POINT OF USE TREATMENT DEVICES</li> <li>• WATER HAULERS</li> <li>• WATER VENDING MACHINES</li> <li>• BULK WATER</li> <li>• FOOD ESTABLISHMENTS</li> <li>• ALL BUILDINGS</li> <li>• ICE PLANTS</li> </ul>
HETEROTROPHIC PLATE COUNT	POUR PLATE	≤500 CFU / ML	<ul style="list-style-type: none"> <li>• SERVICE RESERVOIRS</li> <li>• WATER TREATMENT WORKS</li> <li>• CONSUMER'S TAPS</li> <li>• MOBILE TREATMENT DEVICES</li> <li>• BULK WATER</li> <li>• FOOD ESTABLISHMENTS</li> <li>• WATER REFILLING STATIONS</li> <li>• WATER VENDING MACHINES</li> <li>• POINT OF USE TREATMENT DEVICES</li> <li>• WATER HAULERS</li> <li>• ALL BUILDINGS</li> <li>• ICE PLANTS</li> </ul>

MPN : MOST PROBABLE NUMBER ; CFU : COLONY FORMING UNITS  
 PHILIPPINE NATIONAL STANDARD FOR DRINKING WATER 2017  
 DOH ADMINISTRATIVE ORDER NO. 2017-0010



**DEPARTMENT OF LABORATORY MEDICINE**

**Water Microbiological Analysis**

Accreditation No.: WMLA-08-0047

Sample Source: WATER WORKS

Submitted by:

Location: **SSCT -2**  
**MAGALLANES ST .S.C**

**Date and Time:**

Collected:---07-23-19---08:50 AM

Reviewed:---07-23-19---09:08 AM

Examined:---07-23-19---09:09 AM

Physical Characteristics:

Transparency: CLEAR

Sediment :

**MICROBIOLOGICAL EXAMINATION OF WATER SAMPLES**

EXAMINATION	RESULT
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Total Coliform:	MPN = <u>          &gt;8.0          </u> MPN/100 ML
Fecal Coliform:	MPN = <u>          0          </u> MPN/100ML
<b>B. BACTERIAL COUNT:</b>	HPC = <u>          701          </u> CFU/ML
<b>REMARKS:</b>	<b>FAILED</b>

Examined by:

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FECAL COLIFORM	MULTIPLE TUBE FERMENTATION TECHNIQUE (MTFT)	<1.1 MPN/ 100 ML	<ul style="list-style-type: none"> <li>• SERVICE RESERVOIRS</li> <li>• WATER TREATMENT WORKS</li> <li>• CONSUMER'S TAPS</li> <li>• WATER REFILLING STATIONS</li> <li>• POINT SOURCES</li> <li>• POINT OF USE TREATMENT DEVICES</li> </ul> <ul style="list-style-type: none"> <li>• WATER HAULERS</li> <li>• WATER VENDING MACHINES</li> <li>• BULK WATER</li> <li>• FOOD ESTABLISHMENTS</li> <li>• ALL BUILDINGS</li> <li>• ICE PLANTS</li> </ul>
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