

"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

Submitted By: Date Received:

SAMPLE DESCRIPTION: Purified Drinking Water Carmona Water District

Date of Sampling:

November 23, 2020 November 23, 2020

Time of Sampling:

3:26 PM

Place of Sampling:

Brgy., Mabuhay, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|------------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |

| Test Requested | Description | Methodology | Results | Standards |
|---------------------------|-------------------------|----------------------|---------|---------------|
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 120 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Maricel S. Palogan, RMT aboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008

Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager RC Reg. No 18428 Noted by:

PRC Reg. No. 53000

Blk. 19, Lt. 12, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Julie Ocampo)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020

Date of Sampling: Time of Sampling:

November 23, 2020

Place of Sampling:

#166 San Pablo St., Brgy., 1, Carmona, Cavite

Source of Sampling:

Water District

1:52 PM

CIN:

0443-GV-CMN

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 150 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Laboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor Laboratory Manager

RC Reg. No 18428

Engr. Ali M. Villamor

General Manager PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Castañeta Gerry)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020 November 23, 2020

Date of Sampling: Time of Sampling:

9:57 AM

Place of Sampling:

#443 J.M Loyola St., Brgy., 4, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| | OTTO OT CIVIL | | | |
|----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 250 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted **PASSED** the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Engr. Carlos B. Castromayor

Approved by:

aboratory Manager RC Reg. No 18428

Engr. Ali M. Villamo General Manager

Noted 1

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alogan, RMT

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Ma. Lallie Remolacio)

Submitted By:

Carmona Water District November 23, 2020

Date Received: Date of Sampling:

November 23, 2020

Load

Time of Sampling:

10:18 AM

Place of Sampling:

CWD D-Line #231 Manabat St. Brgy., 2, Carmona, Cavite

Source of Sampling:

Plate Count

Water District

CIN:

| 0443 | -GV | -CMN |
|---|-----|------|
| THE RESERVED TO SERVED TO | | |

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic | Total Microbial | Pour Plate | 100 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

Method

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Maricel S. Palogan, RMT Laboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor Laboratory Manager

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Melcor Berit)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020 November 23, 2020

Date of Sampling: Time of Sampling:

2:19 PM

Place of Sampling:

CWD D-Line #13125 Calumbang St., Brgy., Lantic, Carmona, Cavite

Source of Sampling:

Plate Count

Water District

CIN:

0443-GV-CMN

Load

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|--------------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic | Total Microbial | Pour Plate | 100 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

Method

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

aboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

160

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Ricardo Cesmer)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020

Load

Date of Sampling: Time of Sampling: November 23, 2020 2:35 PM

Place of Sampling:

CWD D-Line #8254 Rosario St., Brgy., 8, Carmona, Cavite

Source of Sampling:

Plate Count

Water District

CIN:

0443-GV-CMN

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|--------------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 m |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic | Total Microbial | Pour Plate | 160 | 1 41 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

Method

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Maricel S. Palogan, RMT Laboratory Microbiologist PRC Reg. No. 39410

WMLA-19-1008

Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager RC Reg. No 18428 Noted

ngr. AliM. General Manager PRC Reg. No. 53000

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less than 500



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Ronaldo Malapitan)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020

Load

Date of Sampling: Time of Sampling: November 23, 2020 2:35 PM

Place of Sampling:

CWD D-Line #810 Rosario St., Brgy., 8, Carmona, Cavite

Source of Sampling:

Water District

CIN:

| 0443-GV-CMN |
|-------------|

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|--------------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic | Total Microbial | Pour Plate | 75 | less than 500 |

Plate Count Method Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

aricel S. Palogah, RMT

Laboratory Microbiologist PRC Reg. No. 39410

WMLA-19-1008

Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager

RC Reg. No 18428

Engr. Ali M. General Manager PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION:

Raw Water (Bituin Ilagan)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020 November 23, 2020

Date of Sampling: Time of Sampling:

1:30 PM

Place of Sampling:

Bermodo St., Altarez. Brgy., Maduya Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| | UTTO-U V-CIVILY | | | |
|---------------------------|-------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube | 0 | less than 1.1 | less than 1.1 |
| | Fermentation | | | |
| Thermotolerant Coliform | Multiple Tube | 0 | less than 1.1 | less than 1.1 |
| (E.Coli) | Fermentation | | | |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 180 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Jarigel S. Palogan, RMT Laboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008 Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No 18428 Engr. Ali M. Villamor General Manager

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Julieta Layos) Carmona Water District

Submitted By: **Date Received:**

November 23, 2020

Date of Sampling:

November 23, 2020

Time of Sampling:

9:34 AM

Place of Sampling:

CWD D-Line #139 San Pablo St., Brgy., 1, Carmona, Cavite

Source of Sampling: CIN:

Water District

0443-GV-CMN

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|-----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |

| Test Requested | Description | Methodology | Results | Standards |
|---------------------------|-------------------------|----------------------|---------|---------------|
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 270 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Laboratory Microbiologist PRC Reg. No. 39410

WMLA-19-1008

Engr. Carlos B. Castromayor Laboratory Manager RC Reg. No 18428

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Concepcion Cristilita)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020

Date of Sampling: Time of Sampling: November 23, 2020 1:50 PM

Place of Sampling:

CWD D-Line #202 Sn. Jose St. Brgy., 2, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |

| Test Requested | Description | Methodology | Results | Standards |
|---------------------------|-------------------------|----------------------|---------|---------------|
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 40 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted **PASSED** the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

RC Reg. No 18428

General Manager PRC Reg. No. 53000

PRC Reg. No. 39410 WMLA-19-1008

Laboratory Microbiologist

Palogan, RMT

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Miles Behil Teope)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020

Date of Sampling:

November 23, 2020

Time of Sampling: Place of Sampling:

3:09 PM CWD D-Line Blk.1 Lt.13 Phase 3, Brgy., Milagrosa, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443 GV CMNI

| IIV. | 0443-GV-CIVIIN | | | |
|-----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| | | (out of five tubes) | MPN/100 ml | MPN/100 m |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 175 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Laboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor Laboratory Manager

RC Reg. No 18428

Engr. AliM, General Manager

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No .: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Levardo Clarlito)

Submitted By:

Carmona Water Distict

Date Received:

November 23, 2020 November 23, 2020

Date of Sampling: Time of Sampling:

2:09 PM

Place of Sampling:

CWD D-Line Blk.16 San Jose St., Brgy., 3, Carmona, Cavite

Source of Sampling:

Water District

| course of ouripining. | water District |
|-----------------------|----------------|
| CIN: | 0443-GV-CMN |
| Test Requested | Methodo |

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|-----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 60 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water.

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

S. Palogan, RMT Laboratory Microbiologist

> PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor

Laboratory Manager RC Reg. No 18428

Noted

Engr. Ali General Manager PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION:

Raw Water (Antonio Zapota)

Submitted By:

Carmona Water District

Date Received:
Date of Sampling:

November 23, 2020 November 23, 2020

Time of Sampling:

1:52 PM

Place of Sampling:

#10497 San Pedro St., Cabilang Baybay, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| IIV: | 0443-GV-CMN | | | |
|----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| Fig. 19 | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 150 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Maricel S. Palogah, RMT Laboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008 Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No 18428 Au Dr

Engr. Ali M.

General Manager PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No .: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Enrieveta Estopia)

Submitted By:

Carmona Water Distict

Date Received:

November 23, 2020

Date of Sampling: Time of Sampling: November 23, 2020 3:20 PM

Place of Sampling:

CWD D-Line #10381 San Pablo St., Cabilang Baybay, Carmona, Cavite

Source of Sampling:

Water District 0443-GV-CMN

| 71141 | U443-GV-CIVIN | | | |
|------------------------------------|-------------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 350 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water.

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Laboratory Microbiologist

PRC Reg. No. 39410

WMLA-19-1008

Maricel/S. Palogan, RMT

Engr. Carlos B. Castromayor

Approved by:

aboratory Manager PRC Reg. No 18428

Engr. AliM. Villamor General Manager

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Estaquio Rosalina)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020 November 23, 2020

Date of Sampling: Time of Sampling:

2:54 PM

Place of Sampling:

CWD D-Line #14378, Brgy., Bancal, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
|-------------------------------------|-------------------------------|-----------------------|---------------|---------------|
| R. Allie | | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Posults | Standards |

| Test Requested | Description | Methodology | Results | Standards |
|---------------------------|-------------------------|----------------------|---------|---------------|
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 490 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Marice S. Palogan, RMT
Laboratory Microbiologist

PRC Reg. No. 39410 WMLA-19-1008 Approved by:

Engr. Carlos B. Castromayor
Laboratory Manager

PRC Reg. No 18428

Noted by:

Engr. Ali M. Villamor General Manager

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION:

Raw Water (Renato Banabat)

Submitted By:

Carmona Water District November 23, 2020

Date Received: Date of Sampling:

November 23, 2020

Time of Sampling:

10:39 AM

Place of Sampling:

#560 J.M Loyola St., Brgy., Maduya, Carmona, Cavite

Source of Sampling:

Water District

CIN-0443-GV-CMN

| 114 | UTTO-U V-CIVILY | | | |
|----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| | A SECTION | (out of five tubes) | MPN/100 ml | MPN/100 ml |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E.Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 471 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted P ASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Maricel & Palogan, RMT Laboratory Microbiologist

> PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor Laboratory Manager

RC Reg. No 18428

Engr. Ali M. Villamon General Manager

Noted

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"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 09939

Date Released: December 1, 2020

SAMPLE DESCRIPTION: Raw Water (Renato Camposano)

Submitted By:

Carmona Water District

Date Received:

November 23, 2020 November 23, 2020

Date of Sampling: Time of Sampling:

2:30 PM

Place of Sampling:

CWD D-Line Magallanes St., Brgy., 6, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

| 1141 | 0443-0 V-CIVIIN | | | |
|-----------------------------------|-------------------------------|-----------------------|---------------|---------------|
| Test Requested | Methodology | No. of Positive Tubes | Results | Standards |
| | | (out of five tubes) | MPN/100 ml | MPN/100 m |
| Total Coliform | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Thermotolerant Coliform (E. Coli) | Multiple Tube Fermentation | 0 | less than 1.1 | less than 1.1 |
| Test Requested | Description | Methodology | Results | Standards |
| | | | CFU/ml | CFU/ ml |
| Heterotrophic Plate Count | Total Microbial Load | Pour Plate Method | 480 | less than 500 |

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Maricel S. Palogan, RMT Laboratory Microbiologist

> PRC Reg. No. 39410 WMLA-19-1008

Engr. Carlos B. Castromayor
Laboratory Manager

PRC Reg. No 18428

Noted by:

General Manager PRC Reg. No. 53000

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