



## *CRL Environmental Corporation*

21 May 2024

**Licab Water District**

Real St., Poblacion Sur, Licab, Nueva Ecija

Contact No.: 09258158581

ATTN: **Ms. Anne Lorelie DL. Laureta**

Project Name: Not Supplied

Lab. Nos.: P00153933-01/05

Enclosed are the results for samples received by CRL Environmental Corporation and tested for the parameters in the enclosed chain of custody.

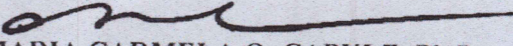
Our DENR Recognition Certificate with C. R. No. 023/2021, will expire on August 25, 2024.

Likewise, our DOH Accreditation with Accreditation No. 03-001-2325-LW-2, is valid from January 01, 2023 until December 31, 2025.

Please note that any unused portion of the sample/s will be discarded 15 days after the date of this report, unless you have requested otherwise.

Thank you for the opportunity to service the needs of your company. Please feel free to call us at (045) 599-3943 or (02) 552-5100 if we can be of further service to you.

Very truly yours,

  
**MARIA CARMELA Q. CAPULE, Ph.D.**  
Chief Operating Officer

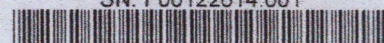
## Results of Analyses

### Licab Water District

Real St., Poblacion Sur, Licab, Nueva Ecija  
Contact No.: 09258158581

**Project Name:** Not Supplied  
**Attention:** Ms. Anne Lorelie DL. Laureta

SN: F00122614.001



**Date Received:** 05/06/2024

Lab No.: P00153933



| Test Description | Results | Units | REG LIMIT | Test Methods | Date Analyzed | By |
|------------------|---------|-------|-----------|--------------|---------------|----|
|------------------|---------|-------|-----------|--------------|---------------|----|

**Sample No.: P00153933-01**

**Sample ID: Pob. Sur Pumping Station**

-Metals-

**Date Sampled: 05-06-24 08:06**

**Matrix: Drinking Water**

|                         |         |             |           |                                        |          |       |
|-------------------------|---------|-------------|-----------|----------------------------------------|----------|-------|
| Arsenic                 | < 0.005 | mg/L        | 0.01      | ICP - OES (SMEWW 3120B / USEPA 6010B)  | 05/08/24 | MLSA  |
| -Wet Chemistry-         |         |             |           |                                        |          |       |
| pH, Laboratory @ 25.0°C | 8.3     | -           | 6.5 - 8.5 | Electrometric Method (SMEWW 4500-H+ B) | 05/06/24 | SMTA  |
| Color @ pH = 8.3        | 5       | Apparent CU | 10        | Visual Comparison (SMEWW 2120B)        | 05/06/24 | MPT   |
| Total Dissolved Solids  | 307     | mg/L        | 600       | Gravimetry (SM 2540 C)                 | 05/08/24 | MKBCC |
| Nitrate                 | < 0.006 | mg/L        | 50        | Cadmium Reduction Method               | 05/08/24 | MPY   |

**Sample No.: P00153933-02**

**Sample ID: Sta. Maria Pumping Station**

-Metals-

**Date Sampled: 05-06-24 08:24**

**Matrix: Drinking Water**

|                         |         |             |           |                                        |          |       |
|-------------------------|---------|-------------|-----------|----------------------------------------|----------|-------|
| Arsenic                 | < 0.005 | mg/L        | 0.01      | ICP - OES (SMEWW 3120B / USEPA 6010B)  | 05/08/24 | MLSA  |
| -Wet Chemistry-         |         |             |           |                                        |          |       |
| pH, Laboratory @ 25.0°C | 8.5     | -           | 6.5 - 8.5 | Electrometric Method (SMEWW 4500-H+ B) | 05/06/24 | SMTA  |
| Color @ pH = 8.5        | 3       | Apparent CU | 10        | Visual Comparison (SMEWW 2120B)        | 05/06/24 | MPT   |
| Total Dissolved Solids  | 359     | mg/L        | 600       | Gravimetry (SM 2540 C)                 | 05/08/24 | MKBCC |
| Nitrate                 | < 0.006 | mg/L        | 50        | Cadmium Reduction Method               | 05/08/24 | MPY   |

**Sample No.: P00153933-03**

**Sample ID: San Cristobal Pumping Station**

-Metals-

**Date Sampled: 05-06-24 08:45**

**Matrix: Drinking Water**

|                         |         |             |           |                                        |          |       |
|-------------------------|---------|-------------|-----------|----------------------------------------|----------|-------|
| Arsenic                 | < 0.005 | mg/L        | 0.01      | ICP - OES (SMEWW 3120B / USEPA 6010B)  | 05/08/24 | MLSA  |
| -Wet Chemistry-         |         |             |           |                                        |          |       |
| pH, Laboratory @ 25.0°C | 8.2     | -           | 6.5 - 8.5 | Electrometric Method (SMEWW 4500-H+ B) | 05/06/24 | SMTA  |
| Color @ pH = 8.2        | 5       | Apparent CU | 10        | Visual Comparison (SMEWW 2120B)        | 05/06/24 | MPT   |
| Total Dissolved Solids  | 296     | mg/L        | 600       | Gravimetry (SM 2540 C)                 | 05/08/24 | MKBCC |
| Nitrate                 | < 0.006 | mg/L        | 50        | Cadmium Reduction Method               | 05/08/24 | MPY   |



| Test Description                        | Results | Units       | REG LIMIT                   | Test Methods                           | Date Analyzed | By    |
|-----------------------------------------|---------|-------------|-----------------------------|----------------------------------------|---------------|-------|
| Sample No.: P00153933-04                |         |             | DateSampled: 05-06-24 09:16 |                                        |               |       |
| Sample ID: San Casimiro Pumping Station |         |             | Matrix: Drinking Water      |                                        |               |       |
| -Metals-                                |         |             |                             |                                        |               |       |
| Arsenic                                 | < 0.005 | mg/L        | 0.01                        | ICP - OES (SMEWW 3120B / USEPA 6010B)  | 05/08/24      | MLSA  |
| -Wet Chemistry-                         |         |             |                             |                                        |               |       |
| pH, Laboratory @ 25.0°C                 | 8.0     | -           | 6.5 - 8.5                   | Electrometric Method (SMEWW 4500-H+ B) | 05/06/24      | SMTA  |
| Color @ pH = 8.0                        | 3       | Apparent CU | 10                          | Visual Comparison (SMEWW 2120B)        | 05/06/24      | MPT   |
| Total Dissolved Solids                  | 229     | mg/L        | 600                         | Gravimetry (SM 2540 C)                 | 05/08/24      | MKBCC |
| Nitrate                                 | < 0.006 | mg/L        | 50                          | Cadmium Reduction Method               | 05/08/24      | MPY   |
| Sample No.: P00153933-05                |         |             | DateSampled: 05-06-24 09:20 |                                        |               |       |
| Sample ID: Emilie Aquino                |         |             | Matrix: Drinking Water      |                                        |               |       |
| -Metals-                                |         |             |                             |                                        |               |       |
| Cadmium                                 | < 0.001 | mg/L        | 0.003                       | ICP - OES (SMEWW 3120B / USEPA 6010B)  | 05/08/24      | MLSA  |
| Lead                                    | < 0.005 | mg/L        | 0.01                        | ICP - OES (SMEWW 3120B / USEPA 6010B)  | 05/08/24      | MLSA  |
| -Wet Chemistry-                         |         |             |                             |                                        |               |       |
| pH, Laboratory @ 25.0°C                 | 8.3     | -           | 6.5 - 8.5                   | Electrometric Method (SMEWW 4500-H+ B) | 05/06/24      | SMTA  |
| Color @ pH = 8.3                        | 5       | Apparent CU | 10                          | Visual Comparison (SMEWW 2120B)        | 05/06/24      | MPT   |
| Turbidity                               | 0.10    | NTU         | 5                           | Nephelometry (Turbidimeter)            | 05/07/24      | MSD   |

Results are reported "as received basis".

ICP - OES = Inductively Coupled Plasma - Optical Emission Spectroscopy

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition.

Test Methods for Evaluating Solid Wastes, Vol 1A, USEPA, Third Edition

**\* Regulatory Limit Reference**

1123 Philippine National Standards for Drinking Water, 2017



Analyzed by:

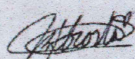


Mara Lyka S. Alba

PRC License No.: 1279

Chemical Testing

Date: 05/21/2024



Ma. Kristine Bernadette C.

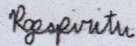
Costo

PRC License No.: 0015889

Chemical Testing

Date: 05/21/2024

Certified by:



Ronald G. Espiritu

PRC License No.: 9248

Chemical Testing

Date: 05/21/2024



Juliana C. Oriña

PRC License No.: 8774

Chemical Testing

Date: 05/21/2024



Chas C. Arroyo

PRC License No.: 6701

Chemical Testing

Date: 05/21/2024

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