

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2675 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 11:16 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 10  
 SAMPLE LOCATION : WATER PUMP, GRAN SEVILLE SUBDIVISION, BRGY. BANLIC, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 4000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------|--|------------|-----|
|   |      |        |       |            |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.6 / 27.9 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | UO         | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | 5          | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.200      | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 181        | 2340C. EDTA Titrimetric  | 04/30/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 317        | 2540C. Gravimetric, dried @ 180°C  | 04/28/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0711 | 0.226 | 0.368      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/28/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 6.43       |  | 04/28/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.349      |  | 04/28/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 7.85       |  | 04/28/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.090      | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.050      |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by LWC field technician/analyst and were analyzed as submitted.

DEVIATIONS: No deviations were noted on the collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

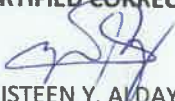
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable, NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

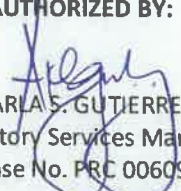
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KRISTEEN Y. ALDAY, RCh  
Analytical Services Unit Manager  
PRC License No. 0013295

AUTHORIZED BY:

  
ANNA KARLA S. GUTIERREZ, RMT  
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**CUSTOMER NAME** : Laguna AAWater Corporation  
**ADDRESS** : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines  
**ATTENTION** : N/A

**SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE** : S20-2676 **DATE/TIME SUBMITTED** : 04/27/2020 13:40  
**DATE/TIME COLLECTION** : 04/27/2020 11:16 **COLLECTED BY** : Elmer P. Palmares  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 10  
**SAMPLE LOCATION** : GATE ENTRANCE, GRAN SEVILLE SUBDIVISION, BRGY. BANLIC, CABUYAO CITY  
**SAMPLE CHARACTERISTICS** : 4000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)         | METHOD(S)  | ANALYSIS                |            |
|---|------|--------|-------|-------------------|--|-------------------------|------------|
|   |      |        |       |                   |  | DATE                    | BY         |
| pH / Temperature                                      | -/°C | NA     | NA    | <b>7.48 /28.8</b> | 4500-H*. Electrometric   | 04/27/2020              | EPP        |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | <b>0.270</b>      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020              | EPP        |
| Color   | ACU  | 2      | NA    | <b>UO</b>         | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020              | KAP        |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | <b>UO</b>         | 2160. Sensory  | 04/27/2020              | KAP        |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | <b>5</b>          | 2150. Sensory  | 04/27/2020              | KAP        |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <b>0.250</b>      | 2130. Nephelometric  | 04/28/2020              | KAP        |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | <b>182</b>        | 2340C. EDTA Titrimetric  | 04/30/2020              | KAP        |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | <b>297</b>        | 2540C. Gravimetric, dried @ 180°C  | 04/28/2020              | KAP        |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0711 | 0.226 | <b>0.425</b>      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/28/2020              | KAP        |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | <b>11.1</b>       |  | 04/28/2020              | KAP        |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | <b>0.465</b>      |  | 04/28/2020              | KAP        |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | <b>13.8</b>       |  | 04/28/2020              | KAP        |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <b>0.090</b>      |  | 3500-Fe B. Colorimetric | 04/30/2020 |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <b>0.070</b>      | 04/30/2020   |                         | KYA        |

REMARKS: Sample collection was performed by LWC field technician/analyst and were analyzed as submitted.

DEVIATIONS: No deviations were noted on the collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable, NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition

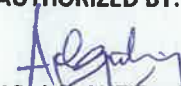
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CUSTOMER NAME : Laguna AAWater Coporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2269 DATE/TIME SUBMITTED : 04/13/2020 14:10  
 DATE/TIME COLLECTION : 04/13/2020 12:48 COLLECTED BY : Elmer P. Palmares, Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 63, LAKESIDE NEST SUBDIVISION, BRGY. BANAY-BANAY, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.56      | 4500-H <sup>+</sup> . Electrometric  | 04/13/2020 | KAP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.680     | 4500-Cl-G.DPD Colorimetric   | 04/13/2020 | KAP |
| Color   | ACU  | 2      | NA    | 10        | 2120B. Visual Comparison (Pt-Co)   | 04/13/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O         | 2160. Sensory  | 04/13/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/13/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.500     | 2130. Nephelometric  | 04/14/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 288       | 2340C. EDTA Titrimetric  | 04/14/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 483       | 2540C. Gravimetric, dried @ 180°C  | 04/14/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/15/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 72.9      |  | 04/15/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.311     |  | 04/15/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 37.6      |  | 04/15/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.0700    | 3500-Fe B. Colorimetric  | 04/13/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.0600    |  | 04/13/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

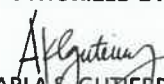
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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2270 DATE/TIME SUBMITTED : 04/13/2020 14:10  
 DATE/TIME COLLECTION : 04/13/2020 12:36 COLLECTED BY : Elmer P. Palmares, Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 12 LOT 5, PHASE IV, LAKESIDE NEST SUBDIVISION, BRGY. BANAY-BANAY, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.43      | 4500-H*. Electrometric   | 04/13/2020 | KAP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.185     | 4500-Cl-G.DPD Colorimetric   | 04/13/2020 | KAP |
| Color   | ACU  | 2      | NA    | 10        | 2120B. Visual Comparison (Pt-Co)   | 04/13/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/13/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/13/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.350     | 2130. Nephelometric  | 04/14/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 273       | 2340C. EDTA Titrimetric  | 04/14/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 480       | 2540C. Gravimetric, dried @ 180°C  | 04/14/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/15/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 75.8      |  | 04/15/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.334     |  | 04/15/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 75.8      |  | 04/15/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.060     | 3500-Fe B. Colorimetric  | 04/13/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.060     |  | 04/13/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


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ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE** : S20-2676 **DATE/TIME SUBMITTED** : 04/27/2020 13:40  
**DATE/TIME COLLECTION** : 04/27/2020 11:16 **COLLECTED BY** : Elmer P. Palmares  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : GATE ENTRANCE, GRAN SEVILLE SUBDIVISION, BRGY. BANLIC, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS                |            |
|---|------|--------|-------|------------|--|-------------------------|------------|
|   |      |        |       |            |  | DATE                    | BY         |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.99/ 30.6 | 4500-H <sup>+</sup> . Electrometric  | 04/27/2020              | EPP        |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.290      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020              | EPP        |
| Color   | ACU  | 2      | NA    | 5          | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020              | KAP        |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO         | 2160. Sensory  | 04/27/2020              | KAP        |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO         | 2150. Sensory  | 04/27/2020              | KAP        |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.250      | 2130. Nephelometric  | 04/27/2020              | KAP        |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 182        | 2340C. EDTA Titrimetric  | 04/29/2020              | KAP        |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 297        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020              | KAP        |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.425      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020              | KAP        |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 11.1       |  | 04/27/2020              | KAP        |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.465      |  | 04/27/2020              | KAP        |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 13.8       |  | 04/27/2020              | KAP        |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005     |  | 3500-Fe B. Colorimetric | 04/29/2020 |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010     | 04/29/2020   |                         | KYA        |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

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LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2271 DATE/TIME SUBMITTED : 04/13/2020 14:10  
 DATE/TIME COLLECTION : 04/13/2020 13:30 COLLECTED BY : Elmer P. Palmares, Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : #253, ELSOL SUBDIVISION, BRGY. BIGAA, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.49      | 4500-H*. Electrometric   | 04/13/2020 | KAP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.435     | 4500-Cl-G.DPD Colorimetric   | 04/13/2020 | KAP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/13/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/13/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/13/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/14/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 160       | 2340C. EDTA Titrimetric  | 04/14/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 320       | 2540C. Gravimetric, dried @ 180°C  | 04/14/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 1.76      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/15/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 7.32      |  | 04/15/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.271     |  | 04/15/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 9.45      |  | 04/15/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/13/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/13/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

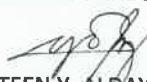
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

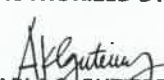
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2727 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 14:00 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 12, NOAH ST., CELESTINE VILLE, BRGY. GULOD, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.57/30.3 | 4500-H*. Electrometric   | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O         | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.300     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 187       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 347       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | 10.7      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 10.7      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.332     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 6.98      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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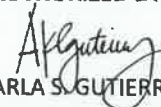


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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE** : S20-2728 **DATE/TIME SUBMITTED** : 04/28/2020 15:30  
**DATE/TIME COLLECTION** : 04/28/2020 14:10 **COLLECTED BY** : Edwin O. Aguilar  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : GUARDHOUSE, CELESTINE VILLE, BRGY. GULOD, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS                |            |
|---|------|--------|-------|-----------|--|-------------------------|------------|
|   |      |        |       |           |  | DATE                    | BY         |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.57/29.9 | 4500-H*. Electrometric   | 04/28/2020              | EOA        |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.310     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020              | EOA        |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020              | KAP        |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O         | 2160. Sensory  | 04/28/2020              | KAP        |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020              | KAP        |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.300     | 2130. Nephelometric  | 04/28/2020              | KAP        |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 200       | 2340C. EDTA Titrimetric  | 04/29/2020              | KAP        |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 340       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020              | KAP        |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020              | KAP        |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 12.7      |  | 04/29/2020              | KAP        |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.355     |  | 04/29/2020              | KAP        |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 8.34      |  | 04/29/2020              | KAP        |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    |  | 3500-Fe B. Colorimetric | 04/30/2020 |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    | 04/30/2020   |                         | KYA        |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

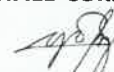
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

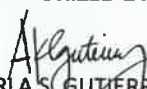
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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2106 DATE/TIME SUBMITTED : 04/06/2020 14:00  
 DATE/TIME COLLECTION : 04/06/2020 12:42 COLLECTED BY : Elmer P. Palmares Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 3 LOT 17, PHASE 1, CELESTINE HOMES, BRGY. MARINIG, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.75      | 4500-H <sup>+</sup> . Electrometric  | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.920     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 199       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 367       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 11.7      |  | 04/07/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.304     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 5.47      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.250     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.150     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

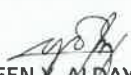
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE** : S20-2107 **DATE/TIME SUBMITTED** : 04/06/2020 14:00  
**DATE/TIME COLLECTION** : 04/06/2020 13:12 **COLLECTED BY** : Elmer P. Palmares Jr.  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : BLOCK 23 LOT 10, PHASE I, CELESTINE HOMES, BRGY. MARINIG, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | NA<br>0.063 | NA<br>0.20 | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|-------------|------------|-----------|--|------------|-----|
|   |      |             |            |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | 2           | NA         | 7.93      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | NA          | NA         | 0.730     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | NA          | NA         | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | 0.115       | 0.365      | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | 0.469       | 1.49       | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 4.77        | 12.5       | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.0574      | 0.183      | 206       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 0.0372      | 0.119      | 350       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0524      | 0.167      | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0567      | 0.181      | 29.9      |  | 04/07/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | NA          | 0.005      | 0.387     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | NA          | 0.01       | 13.4      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA          | NA         | 0.290     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | 0.063       | 0.20       | 0.090     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

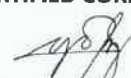
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

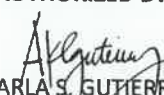
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ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE** : S20-2108 **DATE/TIME SUBMITTED** : 04/06/2020 14:00  
**DATE/TIME COLLECTION** : 04/06/2020 12:57 **COLLECTED BY** : Elmer P. Palmares Jr.  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : WATER PUMP, BLOCK 9, CARNATION ST., PHASE II, CELESTINE HOMES, BRGY. MARINIG, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.97      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.850     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 200       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 330       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | 0.403     | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 22.0      |  | 04/07/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.403     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 16.4      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.210     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.110     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

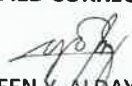
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

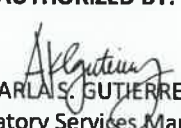
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2109 DATE/TIME SUBMITTED : 04/06/2020 14:00  
 DATE/TIME COLLECTION : 04/06/2020 13:04 COLLECTED BY : Elmer P. Palmares Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 13, LOT 2, PHASE II, CELESTINE HOMES, BRGY. MARINIG, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.96      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.750     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 193       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 360       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 13.8      |  | 04/07/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.311     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 9.53      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.220     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.160     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

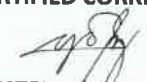
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

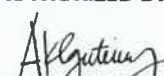
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ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE** : S20-2110 **DATE/TIME SUBMITTED** : 04/06/2020 14:00  
**DATE/TIME COLLECTION** : 04/06/2020 12:19 **COLLECTED BY** : Elmer P. Palmares Jr.  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : WATER PUMP, BLOCK 25, PHASE III, SOUTHVILLE, BRGY. MARINIG, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.76      | 4500-H <sup>+</sup> . Electrometric  | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.460     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 207       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 377       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 15.7      |  | 04/07/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.282     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 9.86      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.220     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.200     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2111 DATE/TIME SUBMITTED : 04/06/2020 14:00  
 DATE/TIME COLLECTION : 04/06/2020 12:09 COLLECTED BY : Elmer P. Palmares Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 19 LOT 33, PHASE III, SOUTHVILLE, BRGY. MARINIG, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.77      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.500     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 215       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 343       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 27.6      |  | 04/07/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.384     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 18.2      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.260     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.180     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

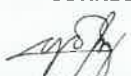
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

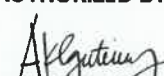
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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2112 DATE/TIME SUBMITTED : 04/06/2020 14:00  
 DATE/TIME COLLECTION : 04/06/2020 11:48 COLLECTED BY : Elmer P. Palmares Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 45, PHASE VIII, SOUTHVILLE, BRGY. NIUGAN, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.60      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 235       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 387       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 29.2      |  | 04/07/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.300     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 15.3      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.270     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.150     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

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LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2113 DATE/TIME SUBMITTED : 04/06/2020 14:00  
 DATE/TIME COLLECTION : 04/06/2020 11:57 COLLECTED BY : Elmer P. Palmares Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 40 LOT 132, PHASE VIII, SOUTHVILLE, BRGY. NIUGAN, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.80      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 258       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 377       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 43.1      |  | 04/07/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.382     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 24.4      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.210     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.150     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

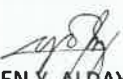
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2114 DATE/TIME SUBMITTED : 04/06/2020 14:00  
DATE/TIME COLLECTION : 04/06/2020 11:23 COLLECTED BY : Elmer P. Palmares Jr.  
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
SAMPLE LOCATION : WATER PUMP, BLOCK 54, PHASE X, SOUTHVILLE, BRGY. NIUGAN, CABUYAO CITY, LAGUNA  
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 6.54      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.110     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | 20        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | 0         | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.300     | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 337       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 517       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 70.8      |  | 04/07/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.325     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 35.5      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.210     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.110     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

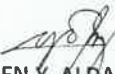
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CERTIFIED CORRECT BY:

  
KRISTEEN Y. ALDAY, RCh  
Analytical Services Unit Manager  
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AUTHORIZED BY:

  
ANNA KARLA S. GUTIERREZ, RMT  
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CONTACT NO.: (049) 543-1916

WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2115 DATE/TIME SUBMITTED : 04/06/2020 14:00  
 DATE/TIME COLLECTION : 04/06/2020 11:34 COLLECTED BY : Elmer P. Palmares Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 47 LOT 101, PHASE X, SOUTHVILLE, BRGY. NIUGAN, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.03      | 4500-H*. Electrometric   | 04/06/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300     | 4500-Cl-G.DPD Colorimetric   | 04/06/2020 | EPP |
| Color   | ACU  | 2      | NA    | 10        | 2120B. Visual Comparison (Pt-Co)   | 04/07/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | 0         | 2160. Sensory  | 04/06/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/06/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.650     | 2130. Nephelometric  | 04/07/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 332       | 2340C. EDTA Titrimetric  | 04/08/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 527       | 2540C. Gravimetric, dried @ 180°C  | 04/07/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/07/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 61.7      |  | 04/07/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.271     |  | 04/07/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 29.1      |  | 04/07/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.200     | 3500-Fe B. Colorimetric  | 04/08/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.140     |  | 04/08/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

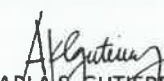
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AUTHORIZED BY:

  
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CONTACT NO.: (049) 543-1916  
WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

CUSTOMER NAME : Laguna AAWater Coporation  
ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines  
ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2272 DATE/TIME SUBMITTED : 04/13/2020 14:10  
DATE/TIME COLLECTION : 04/13/2020 11:56 COLLECTED BY : Elmer P. Palmares, Jr.  
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
SAMPLE LOCATION : BLOCK 2 LOT 6, ST. FRANCIS HOMES VI, BRGY. NIUGAN, CABUYAO CITY, LAGUNA  
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)                                     | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|--|------|--------|-------|-----------|--|------------|-----|
|  |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                 | -/°C | NA     | NA    | 7.47      | 4500-H <sup>+</sup> . Electrometric  | 04/13/2020 | KAP |
| Residual Chlorine <sup>A</sup>                   | mg/L | 0.063  | 0.20  | 0.395     | 4500-Cl-G.DPD Colorimetric   | 04/13/2020 | KAP |
| Color  | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/13/2020 | KAP |
| Taste <sup>A</sup>                               | -    | NA     | NA    | UO        | 2160. Sensory  | 04/13/2020 | KAP |
| Odor <sup>A</sup>                                | -    | NA     | NA    | UO        | 2150. Sensory  | 04/13/2020 | KAP |
| Turbidity <sup>A</sup>                           | NTU  | 0.115  | 0.365 | 0.400     | 2130. Nephelometric  | 04/14/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup> | mg/L | 0.469  | 1.49  | 173       | 2340C. EDTA Titrimetric  | 04/14/2020 | KAP |
| Total Dissolved Solids                           | mg/L | 4.77   | 12.5  | 297       | 2540C. Gravimetric, dried @ 180°C  | 04/14/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>          | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/15/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                       | mg/L | 0.0372 | 0.119 | 4.55      |  | 04/15/2020 | KAP |
| Fluoride (F) <sup>A</sup>                        | mg/L | 0.0524 | 0.167 | 0.221     |  | 04/15/2020 | KAP |
| Sulfate (SO <sub>4</sub> ) <sup>A</sup>          | mg/L | 0.0567 | 0.181 | 5.42      |  | 04/15/2020 | KAP |
| Iron (Fe) <sup>A</sup>                           | mg/L | NA     | 0.005 | 0.220     | 3500-Fe B. Colorimetric  | 04/13/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                      | mg/L | NA     | 0.01  | 0.030     |  | 04/13/2020 | KYA |

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

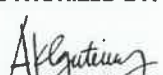
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2729 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 15:00 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, SOUTHVILLE PHASE IX, BRGY. NIUGAN, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.98/30.4 | 4500-H <sup>+</sup> . Electrometric  | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 187       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 277       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 7.35      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 6.27      |  | 04/29/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.327     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 13.0      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

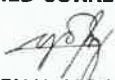
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

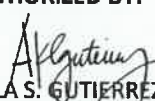
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2730 DATE/TIME SUBMITTED : 04/28/2020 15:30  
DATE/TIME COLLECTION : 04/28/2020 15:10 COLLECTED BY : Edwin O. Aguilar  
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
SAMPLE LOCATION : DE GUZMAN RESIDENCE, SOUTHVILLE PHASE IX, BRGY. NIUGAN, CAUYAO CITY, LAGUNA  
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.99/29.9 | 4500-H*. Electrometric   | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 160       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 280       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 5.75      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 5.11      |  | 04/29/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.292     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 9.87      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.150     | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.150     |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


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CUSTOMER NAME : Laguna AAWater Corporation  
ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines  
ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2731 DATE/TIME SUBMITTED : 04/28/2020 15:30  
DATE/TIME COLLECTION : 04/28/2020 14:40 COLLECTED BY : Edwin O. Aguilar  
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
SAMPLE LOCATION : GATE ENTRANCE, AMAIA SCAPES, BRGY. SALA, CABUYAO CITY, LAGUNA  
SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)        | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------------|--|------------|-----|
|   |      |        |       |                  |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | <b>7.84/29.8</b> | 4500-H*. Electrometric   | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | <b>0.300</b>     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <b>&lt;2</b>     | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | <b>UO</b>        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | <b>UO</b>        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <b>&lt;0.115</b> | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | <b>164</b>       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | <b>277</b>       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <b>5.94</b>      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | <b>5.22</b>      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | <b>0.302</b>     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | <b>9.99</b>      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <b>&lt;0.005</b> | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <b>&lt;0.010</b> |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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KRISTEEN Y. ALDAY, RCh  
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CONTACT NO.: (049) 543-1916

WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2677 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 12:42 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, SAN ISIDRO HEIGHTS SUBDIVISION, BRGY. SAN ISIDRO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------|--|------------|-----|
|   |      |        |       |            |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.89/ 30.5 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.310      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | 5          | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150      | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 186        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 300        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.716      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 12.4       |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.380      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 11.1       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.160      | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.205      |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2678 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 12:52 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 3 LOT 1, SAN ISIDRO HEIGHTS SUBDIVISION, BRGY. SAN ISIDRO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)         | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-------------------|--|------------|-----|
|   |      |        |       |                   |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | <b>7.84/ 29.8</b> | 4500-H <sup>+</sup> . Electrometric  | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | <b>0.300</b>      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <b>&lt;2</b>      | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | <b>UO</b>         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | <b>UO</b>         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <b>&lt;0.115</b>  | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | <b>174</b>        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | <b>313</b>        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <b>0.412</b>      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | <b>5.89</b>       |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | <b>0.285</b>      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | <b>4.93</b>       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <b>0.150</b>      | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <b>0.300</b>      |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

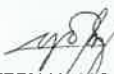
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2679 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 12:29 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 3 LOT 1, SAN ISIDRO HEIGHTS SUBDIVISION, BRGY. SAN ISIDRO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------|--|------------|-----|
|   |      |        |       |            |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.99/ 30.2 | 4500-H <sup>+</sup> . Electrometric  | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2         | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115     | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 188        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 300        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574    | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 31.5       |  | 04/27/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.723      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 28.9       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.110      | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.220      |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

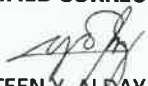
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

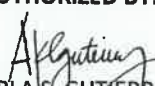
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**ADDRESS :** G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines  
**ATTENTION :** N/A

**SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE :** S20-2680      **DATE/TIME SUBMITTED :** 04/22/2020 13:40  
**DATE/TIME COLLECTION :** 04/27/2020 12:00      **COLLECTED BY :** Elmer Palmares, Jr.  
**NO. OF SAMPLES :** 1      **TOTAL PARAMETERS TESTED :** 15  
**SAMPLE LOCATION :** WATER PUMP, JOSHUA ST., PHASE V, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS :** 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 8.08/30.7 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280     | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.250     | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 175       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 313       | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 7.75      |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.325     |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 5.81      |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.01     |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

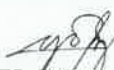
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation  
 ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines  
 ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2681 DATE/TIME SUBMITTED : 04/22/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 12:09 COLLECTED BY : Elmer Palmares, Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 31 LOT 134, JOSHUA ST. PHASE V, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------|--|------------|-----|
|   |      |        |       |            |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.92/ 31.5 | 4500-H <sup>+</sup> . Electrometric  | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2         | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115     | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 191        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 317        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574    | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 7.40       |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.306      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 5.34       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005     | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.01      |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CONTACT NO.: (049) 543-1916

WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

**SAMPLE CODE** : S20-2682 **DATE/TIME SUBMITTED** : 04/22/2020 13:40  
**DATE/TIME COLLECTION** : 04/27/2020 11:46 **COLLECTED BY** : Elmer Palmares, Jr.  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : WATER PUMP, PANGANIG ST., PHASE III CLUSTER, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)         | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-------------------|--|------------|-----|
|   |      |        |       |                   |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | <b>7.88/ 29.2</b> | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | <b>0.450</b>      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <b>&lt;2</b>      | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | <b>UO</b>         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | <b>UO</b>         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <b>0.150</b>      | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | <b>240</b>        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | <b>393</b>        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <b>0.290</b>      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | <b>24.3</b>       |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | <b>0.297</b>      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | <b>26.5</b>       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <b>&lt;0.005</b>  | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <b>&lt;0.01</b>   |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

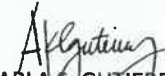
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KRISTEEN Y. ALDAY, RCh  
Analytical Services Unit Manager  
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AUTHORIZED BY:

  
ANNA KARLA S. GUTIERREZ, RMT  
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2683 DATE/TIME SUBMITTED : 04/22/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 11:35 COLLECTED BY : Elmer Palmares, Jr.  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 1 LOT 17, DIZON ST., PHASE III CLUSTER, MABUHAY CITY HOMES, RGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------|--|------------|-----|
|   |      |        |       |            |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.52/ 29.5 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.360      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | 5          | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO         | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.200      | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 241        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 400        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.421      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 84.9       |  | 04/29/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.535      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 96.7       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.070      | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.100      |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

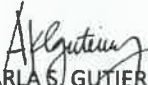
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2718 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 10:30 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 22 LOT 70, PHASE III LUXURY, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.67/29.7 | 4500-H*. Electrometric   | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.330     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | 0         | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.250     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 178       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 350       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 10.3      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.344     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 6.19      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

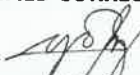
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; uo: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

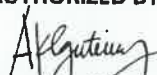
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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2719 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 10:40 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 19 LOT 13, PHASE III LUXURY, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS                |            |
|---|------|--------|-------|-----------|--|-------------------------|------------|
|   |      |        |       |           |  | DATE                    | BY         |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.72/30.2 | 4500-H*. Electrometric   | 04/28/2020              | EOA        |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.320     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020              | EOA        |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020              | KAP        |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O         | 2160. Sensory  | 04/28/2020              | KAP        |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020              | KAP        |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.250     | 2130. Nephelometric  | 04/28/2020              | KAP        |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 176       | 2340C. EDTA Titrimetric  | 04/29/2020              | KAP        |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 350       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020              | KAP        |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020              | KAP        |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 12.0      |  | 04/29/2020              | KAP        |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.356     |  | 04/29/2020              | KAP        |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 8.02      |  | 04/29/2020              | KAP        |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    |  | 3500-Fe B. Colorimetric | 04/30/2020 |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    | 04/30/2020   |                         | KYA        |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2720 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 11:10 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 101, SAMAR ST., PHASE II, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.99/31.0 | 4500-H <sup>+</sup> . Electrometric  | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O         | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.250     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 185       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 340       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 10.7      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.344     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 7.34      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2721 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 12:00 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 141, CARMONAT ST., PHASE II, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 8.03/30.4 | 4500-H <sup>+</sup> . Electrometric  | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 179       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 283       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | 5.15      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 4.57      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.296     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 8.83      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.080     | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.190     |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

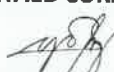
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

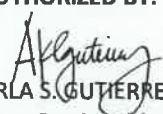
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AUTHORIZED BY:

  
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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE** : S20-2722 **DATE/TIME SUBMITTED** : 04/28/2020 15:30  
**DATE/TIME COLLECTION** : 04/28/2020 12:15 **COLLECTED BY** : Edwin O. Aguilar  
**NO. OF SAMPLES** : 1 **TOTAL PARAMETERS TESTED** : 15  
**SAMPLE LOCATION** : BLOCK 134 LOT 22, PHASE II, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
**SAMPLE CHARACTERISTICS** : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.63/30.6 | 4500-H*. Electrometric   | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.310     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 172       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 283       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 5.03      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 4.57      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.293     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 8.70      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

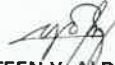
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2723 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 12:25 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, PHASE IE, MABUHAY EXECUTIVE, BRGY. MAMATID, CABUYAO CTIY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS                |            |
|---|------|--------|-------|-----------|--|-------------------------|------------|
|   |      |        |       |           |  | DATE                    | BY         |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.64/29.9 | 4500-H*. Electrometric   | 04/28/2020              | EOA        |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.310     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020              | EOA        |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020              | KAP        |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O         | 2160. Sensory  | 04/28/2020              | KAP        |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020              | KAP        |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.250     | 2130. Nephelometric  | 04/28/2020              | KAP        |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 181       | 2340C. EDTA Titrimetric  | 04/29/2020              | KAP        |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 343       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020              | KAP        |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | <0.0574   | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020              | KAP        |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 11.4      |  | 04/29/2020              | KAP        |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.343     |  | 04/29/2020              | KAP        |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 7.62      |  | 04/29/2020              | KAP        |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    |  | 3500-Fe B. Colorimetric | 04/30/2020 |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    | 04/30/2020   |                         | KYA        |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

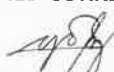
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2724 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 13:00 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BUENA ROSARIO SUBDIVISION, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.95/30.2 | 4500-H*. Electrometric   | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.290     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 169       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 320       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 1.26      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 5.16      |  | 04/29/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.230     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 7.27      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.030     | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.110     |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

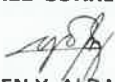
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; O: Objectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

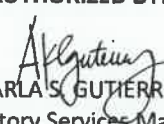
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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2725 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 13:25 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 198, GALACIA ST. PHASE II, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.53/30.7 | 4500-H <sup>+</sup> . Electrometric  | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.290     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 167       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 327       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | 2.63      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 11.8      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.313     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 16.3      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.110     | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.260     |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

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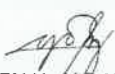
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METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition


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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2726 DATE/TIME SUBMITTED : 04/28/2020 15:30  
 DATE/TIME COLLECTION : 04/28/2020 13:45 COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : BLOCK 222 LOT 20, MABUHAY AVE., PHASE II, MABUHAY CITY HOMES, BRGY. MAMATID, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.50/30.1 | 4500-H <sup>+</sup> . Electrometric  | 04/28/2020 | EOA |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.290     | 4500-Cl-G.DPD Colorimetric   | 04/28/2020 | EOA |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/29/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/28/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/28/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.150     | 2130. Nephelometric  | 04/28/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 166       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 330       | 2540C. Gravimetric, dried @ 180°C  | 04/29/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | 3.98      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/29/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | 12.3      |  | 04/29/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | 0.347     |  | 04/29/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 17.8      |  | 04/29/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/30/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/30/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2671 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 10:43 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 12 LOT 22, CABUYAO CENTRAL, BRGY. PULO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.65/31.0 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280     | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | 10        | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.750     | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 170       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 270       | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.473     | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 4.88      |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.307     |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 6.02      |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/29/2020 | KYA |

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DEVIATIONS: No deviations noted on sample collection and submission.

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METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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CUSTOMER NAME : Laguna AAWater Corporation

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ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2672 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 10:53 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : CLUBHOUSE, NARRA AVENUE, CABUYAO CENTRAL, BRGY. PULO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)  | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------|--|------------|-----|
|   |      |        |       |            |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.65/ 30.4 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.280      | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | 160        | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | O          | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO         | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 33.0       | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 180        | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 283        | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.503      | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 4.97       |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.317      |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 6.20       |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005     | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010     |  | 04/29/2020 | KYA |

REMARKS: Sample collection was performed by the LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


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METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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ATTENTION : N/A

### SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2673 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 13:06 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : WATER PUMP, BLOCK 11, WILLOW PARK HOMES, BRGY. PULO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S)        | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|------------------|--|------------|-----|
|   |      |        |       |                  |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | <b>7.88/29.9</b> | 4500-H <sup>+</sup> . Electrometric  | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | <b>0.270</b>     | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <b>&lt;2</b>     | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | <b>UO</b>        | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | <b>UO</b>        | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <b>0.200</b>     | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | <b>257</b>       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | <b>397</b>       | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>  | mg/L | 0.0574 | 0.183 | <b>0.844</b>     | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl <sup>-</sup> ) <sup>A</sup>              | mg/L | 0.0372 | 0.119 | <b>18.3</b>      |  | 04/27/2020 | KAP |
| Fluoride (F <sup>-</sup> ) <sup>A</sup>               | mg/L | 0.0524 | 0.167 | <b>0.297</b>     |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | <b>25.0</b>      |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <b>&lt;0.005</b> | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <b>&lt;0.010</b> |  | 04/29/2020 | KYA |

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DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

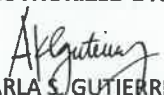
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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2674 DATE/TIME SUBMITTED : 04/27/2020 13:40  
 DATE/TIME COLLECTION : 04/27/2020 13:13 COLLECTED BY : Elmer P. Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : CLUBHOUSE, WILLOW PARK HOMES, BRGY. PULO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS   |     |
|---|------|--------|-------|-----------|--|------------|-----|
|   |      |        |       |           |  | DATE       | BY  |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.96/30.2 | 4500-H*. Electrometric   | 04/27/2020 | EPP |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.300     | 4500-Cl-G.DPD Colorimetric   | 04/27/2020 | EPP |
| Color   | ACU  | 2      | NA    | <2        | 2120B. Visual Comparison (Pt-Co)   | 04/27/2020 | KAP |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 04/27/2020 | KAP |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 04/27/2020 | KAP |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | <0.115    | 2130. Nephelometric  | 04/27/2020 | KAP |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 259       | 2340C. EDTA Titrimetric  | 04/29/2020 | KAP |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 393       | 2540C. Gravimetric, dried @ 180°C  | 04/27/2020 | KAP |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.948     | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/27/2020 | KAP |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 18.5      |  | 04/27/2020 | KAP |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.292     |  | 04/27/2020 | KAP |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 25.5      |  | 04/27/2020 | KAP |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | <0.005    | 3500-Fe B. Colorimetric  | 04/29/2020 | KYA |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | <0.010    |  | 04/29/2020 | KYA |

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DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

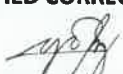
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METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-2988 DATE/TIME SUBMITTED : 05/11/2020 12:30  
 DATE/TIME COLLECTION : 05/11/2020 12:39 COLLECTED BY : Edwin O. Aguilar / Elmer Palmares  
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 1  
 SAMPLE LOCATION : CLUBHOUSE, NARRA AVENUE, CABUYAO CENTRAL, BRGY. PULO, CABUYAO CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 2000 mL water sample in polyethylene bottle

| PARAMETER(S)  | UNIT | MDL    | LOQ   | RESULT(S) | METHOD(S)  | ANALYSIS                |            |
|---|------|--------|-------|-----------|--|-------------------------|------------|
|   |      |        |       |           |  | DATE                    | BY         |
| pH / Temperature                                      | -/°C | NA     | NA    | 7.28/28.8 | 4500-H*. Electrometric   | 05/11/2020              | EOA        |
| Residual Chlorine <sup>A</sup>                        | mg/L | 0.063  | 0.20  | 0.410     | 4500-Cl-G.DPD Colorimetric   | 05/11/2020              | EOA        |
| Color   | ACU  | 2      | NA    | 5         | 2120B. Visual Comparison (Pt-Co)   | 05/11/2020              | KAP        |
| Taste <sup>A</sup>                                    | -    | NA     | NA    | UO        | 2160. Sensory  | 05/11/2020              | KAP        |
| Odor <sup>A</sup>                                     | -    | NA     | NA    | UO        | 2150. Sensory  | 05/11/2020              | KAP        |
| Turbidity <sup>A</sup>                                | NTU  | 0.115  | 0.365 | 0.449     | 2130. Nephelometric  | 05/12/2020              | KAP        |
| Total Hardness as CaCO <sub>3</sub> <sup>A</sup>      | mg/L | 0.469  | 1.49  | 175       | 2340C. EDTA Titrimetric  | 05/15/2020              | KAP        |
| Total Dissolved Solids                                | mg/L | 4.77   | 12.5  | 317       | 2540C. Gravimetric, dried @ 180°C  | 05/13/2020              | KAP        |
| Nitrate (NO <sub>3</sub> ) <sup>A</sup>               | mg/L | 0.0574 | 0.183 | 0.508     | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 05/12/2020              | KAP        |
| Chloride (Cl) <sup>A</sup>                            | mg/L | 0.0372 | 0.119 | 4.92      |  | 05/12/2020              | KAP        |
| Fluoride (F) <sup>A</sup>                             | mg/L | 0.0524 | 0.167 | 0.327     |  | 05/12/2020              | KAP        |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup> | mg/L | 0.0567 | 0.181 | 6.31      |  | 05/12/2020              | KAP        |
| Iron (Fe) <sup>A</sup>                                | mg/L | NA     | 0.005 | 0.0900    |  | 3500-Fe B. Colorimetric | 05/14/2020 |
| Manganese (Mn) <sup>A</sup>                           | mg/L | NA     | 0.01  | 0.130     | 3500-Mn B. Colorimetric  | 05/14/2020              | KYA        |

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LOQ: Limit of Quantification

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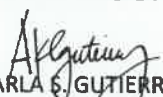
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