

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

CONTACT NO.: (049) 543-1916

WEBSITE: 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 : S20-1771 DATE/TIME SUBMITTED : 03/12/2020 15:45
 DATE/TIME COLLECTION : 03/12/2020 08:00 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : WATER PUMP, MORESCO VILLE II, BRGY. SABANG, PAGSANJAN, 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 | 7.37/28.5 | 4500-H ⁺ . Electrometric | 03/12/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.740 | 4500-Cl-G.DPD Colorimetric | 03/12/2020 | EOA |
| Color | ACU | 2 | NA | <2 | 2120B. Visual Comparison (Pt-Co) | 03/13/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 03/12/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 03/12/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.350 | 2130. Nephelometric | 03/12/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 137 | 2340C. EDTA Titrimetric | 03/13/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 223 | 2540C. Gravimetric, dried @ 180°C | 03/13/2020 | KAP |
| Nitrate (NO ₃ ⁻) ^A | mg/L | 0.0574 | 0.183 | 0.973 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 03/17/2020 | KAP |
| Chloride (Cl ⁻) ^A | mg/L | 0.0372 | 0.119 | 12.3 | | 03/17/2020 | KAP |
| Fluoride (F ⁻) ^A | mg/L | 0.0524 | 0.167 | 0.169 | | 03/17/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.47 | | 03/17/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.380 | 3500-Fe B. Colorimetric | 03/19/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.130 | | 03/19/2020 | 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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ANNA KARLA S. GUTERREZ, RMT
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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : **S20-1775** DATE/TIME SUBMITTED : 03/12/2020 15:45
 DATE/TIME COLLECTION : 03/12/2020 11:10 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : PUMP STATION 5, BRGY. POBLACION 2, PAGSANJAN, 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 | 7.29/28.6 | 4500-H ⁺ . Electrometric | 03/12/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.98 | 4500-Cl-G.DPD Colorimetric | 03/12/2020 | EOA |
| Color | ACU | 2 | NA | 20 | 2120B. Visual Comparison (Pt-Co) | 03/13/2020 | KAP |
| Taste ^A | - | NA | NA | 0 | 2160. Sensory | 03/12/2020 | KAP |
| Odor ^A | - | NA | NA | 0 | 2150. Sensory | 03/12/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.300 | 2130. Nephelometric | 03/12/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 89.1 | 2340C. EDTA Titrimetric | 03/13/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 217 | 2540C. Gravimetric, dried @ 180°C | 03/13/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 03/17/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 28.0 | | 03/17/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | 0.203 | | 03/17/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 5.29 | | 03/17/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.330 | 3500-Fe B. Colorimetric | 03/19/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.100 | | 03/19/2020 | 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

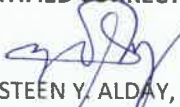
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; O: Objectionable; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

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

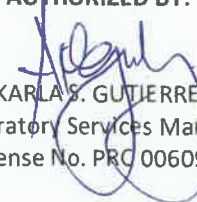
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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1778 **DATE/TIME SUBMITTED** : 03/12/2020 15:45
DATE/TIME COLLECTION : 03/12/2020 11:45 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : PUMP STATION 4, BRGY. UNO POBLACION 1, PAGSANJAN, 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 | 7.46/27.9 | 4500-H ⁺ . Electrometric | 03/12/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.69 | 4500-Cl-G.DPD Colorimetric | 03/12/2020 | KAP |
| Color | ACU | 2 | NA | 10 | 2120B. Visual Comparison (Pt-Co) | 03/13/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 03/12/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 03/12/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.450 | 2130. Nephelometric | 03/12/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 122 | 2340C. EDTA Titrimetric | 03/13/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 223 | 2540C. Gravimetric, dried @ 180°C | 03/13/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 03/17/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 9.57 | | 03/17/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 03/17/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 2.47 | | 03/17/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.290 | 3500-Fe B. Colorimetric | 03/19/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.100 | | 03/19/2020 | 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 : S20-1779 DATE/TIME SUBMITTED : 03/12/2020 15:45
 DATE/TIME COLLECTION : 03/12/2020 10:01 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : PUMP STATION 7, BRGY. PINAGSANGAN, PAGSANJAN, 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/ 28.2 | 4500-H ⁺ . Electrometric | 03/12/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.20 | 4500-Cl-G.DPD Colorimetric | 03/12/2020 | KAP |
| Color | ACU | 2 | NA | <2 | 2120B. Visual Comparison (Pt-Co) | 03/13/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 03/12/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 03/12/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.200 | 2130. Nephelometric | 03/12/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 173 | 2340C. EDTA Titrimetric | 03/13/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 237 | 2540C. Gravimetric, dried @ 180°C | 03/13/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 0.878 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 03/17/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 10.2 | | 03/17/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 03/17/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 2.78 | | 03/17/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.150 | 3500-Fe B. Colorimetric | 03/19/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.200 | | 03/19/2020 | 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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SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1781 DATE/TIME SUBMITTED : 03/12/2020 15:45
DATE/TIME COLLECTION : 03/12/2020 10:30 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : PUMP STATION 2, BRGY. PINAGSANGAN, PAGSANJAN, 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 | 7.35/ 28.6 | 4500-H*. Electrometric | 03/12/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.25 | 4500-Cl-G.DPD Colorimetric | 03/12/2020 | EOA |
| Color | ACU | 2 | NA | <2 | 2120B. Visual Comparison (Pt-Co) | 03/13/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 03/12/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 03/12/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.200 | 2130. Nephelometric | 03/12/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 173 | 2340C. EDTA Titrimetric | 03/13/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 260 | 2540C. Gravimetric, dried @ 180°C | 03/13/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 0.869 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 03/18/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 28.4 | | 03/18/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | 0.184 | | 03/18/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 10.0 | | 03/18/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.200 | 3500-Fe B. Colorimetric | 03/19/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.150 | | 03/19/2020 | 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

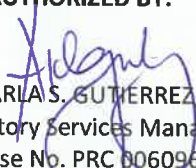
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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1786 DATE/TIME SUBMITTED : 03/12/2020 15:45
DATE/TIME COLLECTION : 03/12/2020 06:30 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : PAGSANJAN RIVER
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 | 8.30 / 25.6 | 4500-H*. Electrometric | 03/12/2020 | EOA |
| Color | ACU | 2 | NA | 20 | 2120B. Visual Comparison (Pt-Co) | 03/13/2020 | KAP |
| Taste ^A | - | NA | NA | 0 | 2160. Sensory | 03/12/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 03/12/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 3.30 | 2130. Nephelometric | 03/12/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 82.3 | 2340C. EDTA Titrimetric | 03/13/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 103 | 2540C. Gravimetric, dried @ 180°C | 03/13/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 0.756 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 03/17/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 4.42 | | 03/17/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 03/17/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 1.95 | | 03/17/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.500 | | 3500-Fe B. Colorimetric | 03/19/2020 |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.255 | 03/19/2020 | | 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; O: Objectionable; 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 : S20-1988 DATE/TIME SUBMITTED : 04/01/2020 14:06
 DATE/TIME COLLECTION : 04/01/2020 07:15 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : RESERVIOR, MORESCO VILLE II, BRGY. SABANG, PAGSANJAN, 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 | 7.70 | 4500-H*. Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.950 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 10 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.350 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 307 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 520 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl ⁻) ^A | mg/L | 0.0372 | 0.119 | 78.8 | | 04/02/2020 | KAP |
| Fluoride (F ⁻) ^A | mg/L | 0.0524 | 0.167 | 0.211 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 7.04 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.48 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.22 | | 04/03/2020 | 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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CONTACT NO.: (049) 543-1916

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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 : S20-1989 **DATE/TIME SUBMITTED** : 04/01/2020 14:06
DATE/TIME COLLECTION : 04/01/2020 09:30 **COLLECTED BY** : Edwin O. Aguilar
NO. OF SAMPLES : 1 **TOTAL PARAMETERS TESTED** : 15
SAMPLE LOCATION : ARROYO RESIDENCE, BRGY. POBLACION II, PAGSANJAN
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 | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.300 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 10 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.700 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 101 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 247 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 13.7 | | 04/02/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.09 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.20 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.03 | | 04/03/2020 | KYA |

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

DEVIATIONS: Sample was collected beside Pagsanjan Medical Center, Brgy. Poblacion II, Pagsanjan

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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SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1990 DATE/TIME SUBMITTED : 04/01/2020 14:06
DATE/TIME COLLECTION : 04/01/2020 11:15 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : DIMAYUGA RESIDENCE, BRGY. SAMPALOC, PAGSANJAN
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 | 7.29 | 4500-H*. Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.350 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 5 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.750 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 84.5 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 240 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 18.1 | | 04/02/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | 0.174 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.15 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.25 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.01 | | 04/03/2020 | KYA |

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

DEVIATIONS: Sample was collected adjacent of Unson Hospital, Brgy. Sampaloc, Pagsanjan

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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SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1992 DATE/TIME SUBMITTED : 04/01/2020 14:06
 DATE/TIME COLLECTION : 04/01/2020 08:14 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : BIG BOY EATERY, RIZAL STREET, BRGY. DOS, PAGSANJAN
 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 | 8.12 | 4500-H*. Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.240 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 5 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.400 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 97.7 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 210 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 13.8 | | 04/02/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.05 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.18 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.01 | | 04/03/2020 | 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

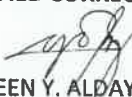
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

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


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SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1993 DATE/TIME SUBMITTED : 04/01/2020 14:06
 DATE/TIME COLLECTION : 04/01/2020 09:45 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : DEJOS RESIDENCE, BRGY. POBLACION 2, PASANJAN
 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 | 7.29 | 4500-H ⁺ . Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.260 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 5 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.600 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 97.2 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 237 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | <0.0574 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 13.6 | | 04/02/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.02 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.10 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.02 | | 04/03/2020 | 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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SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1996 DATE/TIME SUBMITTED : 04/01/2020 14:06
DATE/TIME COLLECTION : 04/01/2020 09:25 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : EMIL PANSITAN, BRGY. PINAGSANGAN, PAGSANJAN
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 | 4500-H ⁺ . Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.360 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | <2 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.150 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 139 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 263 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃ ⁻) ^A | mg/L | 0.0574 | 0.183 | 0.477 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl ⁻) ^A | mg/L | 0.0372 | 0.119 | 12.9 | | 04/02/2020 | KAP |
| Fluoride (F ⁻) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.80 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.08 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.01 | | 04/03/2020 | 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

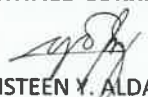
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

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

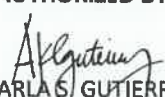
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SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1998 DATE/TIME SUBMITTED : 04/01/2020 14:06
DATE/TIME COLLECTION : 04/01/2020 09:00 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : MANALO RESIDENCE, BRGY. PINAGSANGAN, PAGSANJAN
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 ⁺ . Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.450 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | <2 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | <0.115 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 129 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 263 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 0.847 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 11.0 | | 04/02/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 2.52 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.12 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.04 | | 04/03/2020 | 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

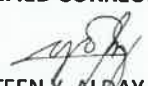
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

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

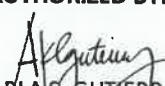
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ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-1999 DATE/TIME SUBMITTED : 04/01/2020 14:06
 DATE/TIME COLLECTION : 04/01/2020 08:29 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : ADELAIDA-ZALAMEDA RESIDENCE, GEN LUNA ST., BRGY. MAULAWIN, PAGSANJAN
 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 | 7.37 | 4500-H*. Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.460 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | <2 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | <0.115 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 128 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 220 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 1.56 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl) ^A | mg/L | 0.0372 | 0.119 | 20.7 | | 04/02/2020 | KAP |
| Fluoride (F) ^A | mg/L | 0.0524 | 0.167 | 0.200 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 5.53 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.08 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.01 | | 04/03/2020 | 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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WEBSITE: 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 : S20-2000 DATE/TIME SUBMITTED : 04/01/2020 14:06
 DATE/TIME COLLECTION : 04/01/2020 10:15 COLLECTED BY : Edwin O. Aguilar
 NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
 SAMPLE LOCATION : PAGWAD OFFICE, J.P. RIZAL ST. BRGY. DOS, PAGSANJAN
 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 | 7.84 | 4500-H*. Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.190 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 10 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.550 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 78.0 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 203 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 0.399 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl ⁻) ^A | mg/L | 0.0372 | 0.119 | 12.3 | | 04/02/2020 | KAP |
| Fluoride (F ⁻) ^A | mg/L | 0.0524 | 0.167 | <0.167 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 2.81 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.10 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.02 | | 04/02/2020 | KAP |

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

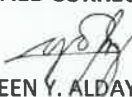
LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

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

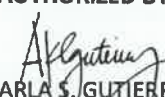
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CUSTOMER NAME : Laguna AAWater Corporation

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

ATTENTION : N/A

SUMMARY OF LABORATORY ANALYSIS

SAMPLE CODE : S20-2001 DATE/TIME SUBMITTED : 04/01/2020 14:06
DATE/TIME COLLECTION : 04/01/2020 07:52 COLLECTED BY : Edwin O. Aguilar
NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 15
SAMPLE LOCATION : AGUILAR RESIDENCE, BRGY. DOS, PAGSANJAN
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 | 8.12 | 4500-H*. Electrometric | 04/01/2020 | EOA |
| Residual Chlorine ^A | mg/L | 0.063 | 0.20 | 0.370 | 4500-Cl-G.DPD Colorimetric | 04/01/2020 | EOA |
| Color | ACU | 2 | NA | 5 | 2120B. Visual Comparison (Pt-Co) | 04/01/2020 | KAP |
| Taste ^A | - | NA | NA | UO | 2160. Sensory | 04/01/2020 | KAP |
| Odor ^A | - | NA | NA | UO | 2150. Sensory | 04/01/2020 | KAP |
| Turbidity ^A | NTU | 0.115 | 0.365 | 0.850 | 2130. Nephelometric | 04/02/2020 | KAP |
| Total Hardness as CaCO ₃ ^A | mg/L | 0.469 | 1.49 | 96.4 | 2340C. EDTA Titrimetric | 04/03/2020 | KAP |
| Total Dissolved Solids | mg/L | 4.77 | 12.5 | 230 | 2540C. Gravimetric, dried @ 180°C | 04/02/2020 | KAP |
| Nitrate (NO ₃) ^A | mg/L | 0.0574 | 0.183 | 0.418 | 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity | 04/02/2020 | KAP |
| Chloride (Cl ⁻) ^A | mg/L | 0.0372 | 0.119 | 17.4 | | 04/02/2020 | KAP |
| Fluoride (F ⁻) ^A | mg/L | 0.0524 | 0.167 | 0.177 | | 04/02/2020 | KAP |
| Sulfate (SO ₄ ²⁻) ^A | mg/L | 0.0567 | 0.181 | 3.68 | | 04/02/2020 | KAP |
| Iron (Fe) ^A | mg/L | NA | 0.005 | 0.11 | 3500-Fe B. Colorimetric | 04/03/2020 | KYA |
| Manganese (Mn) ^A | mg/L | NA | 0.01 | 0.05 | | 04/02/2020 | KAP |

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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