



Water Quality Laboratory

Report of Analysis

LOPEZ PROJECT

Report Date 12-Sep-19

| Delivered Water | | 190716037-01 | Sample Date: | | 8/1/2019 9:35 AM | | Sampler: Caldera | | |
|--|---------------|---------------------|---------------------|------------|------------------|----------------|-------------------------|------------------|--|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/1/2019 | | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/1/2019 | | |
| On-line Chlorite Analyzer Reading | 0.62 | mg/L | | | None | JCaldera | 8/1/2019 | | |
| Delivered Water | | 190719005-01 | Sample Date: | | 8/2/2019 9:40 AM | | Sampler: Caldera | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/2/2019 | | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/2/2019 | | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | JCaldera | 8/2/2019 | | |
| Delivered Water | | 190719009-01 | Sample Date: | | 8/3/2019 9:05 AM | | Sampler: Caldera | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/3/2019 | | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/3/2019 | | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | JCaldera | 8/3/2019 | | |
| Delivered Water | | 190719013-01 | Sample Date: | | 8/4/2019 9:00 AM | | Sampler: Caldera | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/4/2019 | | |
| Chlorite by Amperometric Tiration | 0.63 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/4/2019 | | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | JCaldera | 8/4/2019 | | |

| Delivered Water | | 190722025-01 | | Sample Date: | | 8/5/2019 10:40 AM | | Sampler: Chen | |
|---|---------------|---------------------|-----------|---------------------|---------------|--------------------------|-------------------|-------------------------|--|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Aluminum | < 20 | ug/L | 20 | 200 | E200.7 | MPontes | 8/16/2019 | | |
| Boron | 46 | ug/L | 15 | 1000 | E200.7 | MPontes | 8/16/2019 | | |
| Iron | <10 | ug/L | 10 | 300 | E200.7 | MPontes | 8/16/2019 | | |
| Manganese | < 5.0 | ug/L | 5 | 50 | E200.7 | MPontes | 8/16/2019 | | |
| Delivered Water | | 190722025-02 | | Sample Date: | | 8/5/2019 10:45 AM | | Sampler: Chen | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Verification of pH | Yes | Yes/No | | | SH-B | TChen | 8/8/2019 | | |
| Delivered Water | | 190722026-01 | | Sample Date: | | 8/5/2019 10:40 AM | | Sampler: Chen | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Arsenic | 3.7 | ug/L | | 10 | E200.8 | EEA | 8/18/2019 | | |
| Delivered Water | | 190722027-01 | | Sample Date: | | 8/5/2019 9:35 AM | | Sampler: Farrell | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/5/2019 | | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/5/2019 | | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | KFarrell | 8/5/2019 | | |
| Delivered Water | | 190722029-01 | | Sample Date: | | 8/5/2019 10:45 AM | | Sampler: Chen | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| Bicarbonate Alkalinity as HCO3 | 270 | mg/L | | | S2320B | FDevlin | 8/8/2019 | | |
| Bicarbonate as CaCO3 | 220 | mg/L | | | S2320B | FDevlin | 8/8/2019 | | |
| Calcium | 79 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | | |
| Carbonate Alkalinity as CO3 | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | | |
| Carbonate as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | | |
| Hydroxide Alkalinity as OH | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | | |
| Hydroxide as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | | |
| Magnesium | 35 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | | |
| pH (measured in field) | 8.10 | SU | | | SH-B | TChen | 8/5/2019 | | |
| Potassium | 3.8 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | | |
| Sodium | 29 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | | |
| Total Alkalinity as CaCO3 | 219 | mg/L | 1 | | S2320B | FDevlin | 8/8/2019 | | |
| Total Hardness as CaCO3 (Calculated) | 340 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | | |
| Verification of pH | Yes | Yes/No | | | SH-B | TChen | 8/8/2019 | | |
| Delivered Water | | 190722030-01 | | Sample Date: | | 8/5/2019 10:45 AM | | Sampler: Chen | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/6/2019 | | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/7/2019 | | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | BValencia | 8/5/2019 | | |
| Temperature | 22.9 | ° C | | | S2550B | TChen | 8/5/2019 | | |
| Threshold Odor @ 60°C | 1.0 | TON | 1 | 3 | S2150B | BValencia | 8/5/2019 | | |
| Total Chlorine Residual (measured in the field) | 2.48 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/5/2019 | | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/6/2019 | | |
| Turbidity (measured in field) | 0.080 | NTU | 0.03 | | S2130B | TChen | 8/5/2019 | | |
| Delivered Water | | 190722032-01 | | Sample Date: | | 8/5/2019 10:45 AM | | Sampler: Chen | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier | |

| | | Sample Date: | | | 10:45 AM | Sampler: Chen | | |
|---|-----------------------|---------------------|---------------------|------------|-------------------|-----------------------|-------------------|------------------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Bromodichloromethane - Certified | 8.1 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Bromoform - Certified | <1.0 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Chloroform - Certified | 17 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Dibromoacetic Acid (DBAA) | 1.4 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Dibromochloromethane - Certified | 4.1 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Dichloroacetic Acid (DCAA) | 17 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Monobromoacetic Acid (MBAA) | <1.0 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Monochloroacetic Acid (MCAA) | 2.4 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Total Haloacetic Acids - 5 Compounds | 25.0 | ug/L | | 60 | E552.2 | CLSB | 8/15/2019 | |
| Total Trihalomethanes (TTHMs) | 29 | ug/L | 1 | 80 | E524.2 | CLSB | 8/13/2019 | |
| Trichloroacetic Acid (TCAA) | 3.9 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Delivered Water | | 190722032-02 | Sample Date: | | 8/5/2019 10:45 AM | Sampler: Chen | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Temperature | 22.9 | ° C | | | S2550B | TChen | 8/5/2019 | |
| Total Chlorine Residual (measured in the field) | 2.48 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/5/2019 | |
| Domestic Tank | | 190722030-02 | Sample Date: | | 8/5/2019 9:50 AM | Sampler: Chen | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/6/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/7/2019 | |
| Temperature | 24.2 | ° C | | | S2550B | TChen | 8/5/2019 | |
| Total Chlorine Residual (measured in the field) | 2.66 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/5/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/6/2019 | |
| Flip Bucket | | 190806002-01 | Sample Date: | | 8/5/2019 9:45 AM | Sampler: tchen | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Sulfate Reducing Bacteria | 115000.000000 0000 | CFU/mL | | | BART | KDyson | 8/8/2019 | |

| Lopez Treatment Plant Raw | | 190722026-02 | Sample Date: | 8/5/2019 11:05 AM | Sampler: Chen | | | |
|--------------------------------------|--------|--------------|--------------|-------------------|---------------|-----------|------------|-----------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Arsenic | 4.4 | ug/L | | 10 | E200.8 | EEA | 9/5/2019 | |
| Lopez Treatment Plant Raw | | 190722029-02 | Sample Date: | 8/5/2019 11:05 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Calcium | 88 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| Langelier Index (Calculated) | 1.1 | SU | | | N/A | KDyson | 9/11/2019 | |
| Magnesium | 38 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| pH (measured in field) | 8.29 | SU | | | SH-B | TChen | 8/5/2019 | |
| pH (measured in the lab) | 8.28 | Units | | | SH-B | BValencia | 8/5/2019 | |
| Potassium | 3.9 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| Sodium | 26 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| Temperature | 22.1 | ° C | | | S2550B | TChen | 8/5/2019 | |
| Total Alkalinity as CaCO3 | 248 | mg/L | 1 | | S2320B | FDevlin | 8/8/2019 | |
| Total Dissolved Solids | 500 | mg/L | 1 | 1000 | S2540C | DRuedas | 8/12/2019 | |
| Total Hardness as CaCO3 (Calculated) | 380 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| Lopez Treatment Plant Raw | | 190722030-03 | Sample Date: | 8/5/2019 11:05 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. Coli Bacteria | 2.0 | MPN/100ml | 1 | | S9223B | FDevlin | 8/6/2019 | |
| Total Coliform Bacteria | 8200 | MPN/100mL | 1 | | S9223B | FDevlin | 8/6/2019 | |
| Lopez Treatment Plant Raw | | 190722030-04 | Sample Date: | 8/5/2019 11:05 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Blue-green Algae | 0 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Calculated Total Algae Count | 21 | Cells/mL | 1 | | S10300C | BValencia | 8/5/2019 | |
| Cryptomonads | 7 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Diatoms | 0 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Dinoflagellates | 0 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Dissolved Oxygen | 4.30 | mg/L | | | S4500OG | TChen | 8/5/2019 | |
| Flagellates | 0 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Golden Algae | 1 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Green Algae | 13 | Cells/mL | | | S10300C | BValencia | 8/5/2019 | |
| Intake # currently in use | | Feet | | | N/A | TChen | 8/5/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | Df | Odor Type | | | S2150B | BValencia | 8/5/2019 | |
| pH (measured in field) | 8.29 | SU | | | SH-B | TChen | 8/5/2019 | |
| Temperature | 22.1 | ° C | | | S2550B | TChen | 8/5/2019 | |
| Threshold Odor @ 60°C | 3.5 | TON | 1 | 3 | S2150B | BValencia | 8/5/2019 | |
| Turbidity | 1.1 | NTU | 0.03 | 0.5 | S2130B | BValencia | 8/5/2019 | |
| Turbidity (measured in field) | 1.3 | NTU | 0.03 | | S2130B | TChen | 8/5/2019 | |

| Lopez Treatment Plant Treated | | 190722025-03 | Sample Date: | 8/5/2019 10:40 AM | Sampler: Chen | | | |
|---|--------|----------------|--------------|-------------------|------------------|-----------|------------|-----------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Aluminum | < 20 | ug/L | 20 | 200 | E200.7 | MPontes | 8/16/2019 | |
| Barium | 30 | ug/L | 10 | 1000 | E200.7 | MPontes | 8/15/2019 | R |
| Beryllium | < 1.0 | ug/L | 1 | 4 | E200.7 | MPontes | 8/15/2019 | R |
| Chromium | < 10 | ug/L | 10 | 50 | E200.7 | MPontes | 8/15/2019 | R |
| Copper | 27 | ug/L | 10 | 1000 | E200.7 | MPontes | 8/15/2019 | R |
| Iron | < 10 | ug/L | 10 | 300 | E200.7 | MPontes | 8/15/2019 | R |
| Manganese | < 5.0 | ug/L | 5 | 50 | E200.7 | MPontes | 8/15/2019 | R |
| Nickel | <10 | ug/L | 10 | 100 | E200.7 | MPontes | 8/15/2019 | R |
| Zinc | < 15 | ug/L | 15 | 5000 | E200.7 | MPontes | 8/15/2019 | R |
| Lopez Treatment Plant Treated | | 190722025-04 | Sample Date: | 8/5/2019 10:55 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Verification of pH | Yes | Yes/No | | | SH-B | TChen | 8/8/2019 | |
| Lopez Treatment Plant Treated | | 190722026-03 | Sample Date: | 8/5/2019 10:50 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Arsenic | 4.2 | ug/L | | 10 | E200.8 | EEA | 8/18/2019 | |
| Lopez Treatment Plant Treated | | 190722028-01 | Sample Date: | 8/5/2019 10:15 AM | Sampler: Farrell | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/5/2019 | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/5/2019 | |
| On-line Chlorite Analyzer Reading | 0.59 | mg/L | | | None | KFarrell | 8/5/2019 | |
| Lopez Treatment Plant Treated | | 190722029-03 | Sample Date: | 8/5/2019 10:50 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Bicarbonate Alkalinity as HCO3 | 300 | mg/L | | | S2320B | FDevlin | 8/8/2019 | |
| Bicarbonate as CaCO3 | 240 | mg/L | | | S2320B | FDevlin | 8/8/2019 | |
| Calcium | 87 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| Carbonate Alkalinity as CO3 | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | |
| Carbonate as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | |
| Hydroxide Alkalinity as OH | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | |
| Hydroxide as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 8/8/2019 | |
| Magnesium | 38 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| pH (measured in field) | 8.05 | SU | | | SH-B | TChen | 8/5/2019 | |
| Total Alkalinity as CaCO3 | 243 | mg/L | 1 | | S2320B | FDevlin | 8/8/2019 | |
| Total Hardness as CaCO3 (Calculated) | 370 | mg/L | 1 | | E200.7 | MPontes | 8/30/2019 | |
| Verification of pH | Yes | Yes/No | | | SH-B | TChen | 8/8/2019 | |
| Lopez Treatment Plant Treated | | 190722030-05 | Sample Date: | 8/5/2019 10:50 AM | Sampler: Chen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/6/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/7/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | BValencia | 8/5/2019 | |
| Temperature | 22.7 | ° C | | | S2550B | TChen | 8/5/2019 | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | BValencia | 8/5/2019 | |
| Total Chlorine Residual (measured in the field) | 2.84 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/5/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/6/2019 | |

| Lopez Treatment Plant Treated | | 190722032-03 | Sample Date: | | 8/5/2019 10:50 AM | Sampler: Chen | | |
|--------------------------------------|---------------|---------------------|---------------------|------------|-------------------|----------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Bromodichloromethane - Certified | 9.0 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Bromoform - Certified | <1.0 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Chloroform - Certified | 16 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Dibromoacetic Acid (DBAA) | 1.5 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Dibromochloromethane - Certified | 4.7 | ug/L | | | E524.2 | CLSB | 8/13/2019 | |
| Dichloroacetic Acid (DCAA) | 18 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Monobromoacetic Acid (MBAA) | <1.0 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Monochloroacetic Acid (MCAA) | 2.2 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |
| Total Haloacetic Acids - 5 Compounds | 26.6 | ug/L | | 60 | E552.2 | CLSB | 8/15/2019 | |
| Total Trihalomethanes (TTHMs) | 30 | ug/L | 1 | 80 | E524.2 | CLSB | 8/13/2019 | |
| Trichloroacetic Acid (TCAA) | 4.6 | ug/L | | | E552.2 | CLSB | 8/15/2019 | |

| Lopez Treatment Plant Treated | | 190722032-04 | Sample Date: | | 8/5/2019 10:50 AM | Sampler: Chen | | |
|---|---------------|---------------------|---------------------|------------|-------------------|----------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Temperature | 22.7 | ° C | | | S2550B | TChen | 8/5/2019 | |
| Total Chlorine Residual (measured in the field) | 2.84 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/5/2019 | |

| Recycled Water | | 190722025-05 | Sample Date: | | 8/5/2019 11:00 AM | Sampler: Chen | | |
|-----------------------|---------------|---------------------|---------------------|------------|-------------------|----------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Aluminum | 4100 | ug/L | 20 | 200 | E200.7 | MPontes | 8/16/2019 | |
| Metals Digestion | Yes | Yes/No | | | E200.7 | MPontes | 8/13/2019 | |

| Delivered Water | | 190722072-01 | Sample Date: | | 8/6/2019 10:05 AM | Sampler: Farrell | | |
|--|---------------|---------------------|---------------------|------------|-------------------|-------------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/6/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/6/2019 | |
| On-line Chlorite Analyzer Reading | 0.60 | mg/L | | | None | KFarrell | 8/6/2019 | |

| Delivered Water | | 190722082-01 | Sample Date: | | 8/7/2019 10:30 AM | Sampler: Farrell | | |
|--|---------------|---------------------|---------------------|------------|-------------------|-------------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/7/2019 | |
| Chlorite by Amperometric Tiration | 0.63 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/7/2019 | |
| On-line Chlorite Analyzer Reading | 0.62 | mg/L | | | None | KFarrell | 8/7/2019 | |

| Delivered Water | | 190722087-01 | Sample Date: | | 8/8/2019 10:25 AM | Sampler: Farrell | | |
|--|---------------|---------------------|---------------------|------------|-------------------|-------------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/8/2019 | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/8/2019 | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | KFarrell | 8/8/2019 | |

| Delivered Water | | 190724004-00 | Sample Date: | | 8/9/2019 9:00 AM | Sampler: Farrell | | |
|--|---------------|---------------------|---------------------|------------|------------------|-------------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/9/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/9/2019 | |
| On-line Chlorite Analyzer Reading | 0.60 | mg/L | | | None | KFarrell | 8/9/2019 | |

| Delivered Water | | 190724008-00 | Sample Date: 8/10/2019 8:45 AM | | Sampler: Farrell | | | |
|---|---------------|---------------------|--|------------|-------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/10/2019 | |
| Chlorite by Amperometric Tiration | 0.59 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/10/2019 | |
| On-line Chlorite Analyzer Reading | 0.58 | mg/L | | | None | KFarrell | 8/10/2019 | |
| Delivered Water | | 190724012-00 | Sample Date: 8/11/2019 8:45 AM | | Sampler: Farrell | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 8/11/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 8/11/2019 | |
| On-line Chlorite Analyzer Reading | 0.58 | mg/L | | | None | KFarrell | 8/11/2019 | |
| Delivered Water | | 190724017-00 | Sample Date: 8/12/2019 10:25 AM | | Sampler: Koury | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/12/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/12/2019 | |
| On-line Chlorite Analyzer Reading | 0.59 | mg/L | | | None | DKoury | 8/12/2019 | |
| Delivered Water | | 190724019-00 | Sample Date: 8/12/2019 9:50 AM | | Sampler: Chen | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/13/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/14/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | TChen | 8/12/2019 | |
| Temperature | 23.7 | ° C | | | S2550B | TChen | 8/12/2019 | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | TChen | 8/12/2019 | |
| Total Chlorine Residual (measured in the field) | 2.08 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/12/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/13/2019 | |
| Turbidity (measured in field) | 0.11 | NTU | 0.03 | | S2130B | TChen | 8/12/2019 | |
| Domestic Tank | | 190724019-05 | Sample Date: 8/12/2019 8:45 AM | | Sampler: Chen | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/13/2019 | |
| Heterotrophic Plate Count | 1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/14/2019 | |
| Temperature | 24.4 | ° C | | | S2550B | TChen | 8/12/2019 | |
| Total Chlorine Residual (measured in the field) | 2.72 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/12/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/13/2019 | |

| Lopez Treatment Plant Raw | | 190724019-09 | | Sample Date: | | 8/12/2019 10:00 AM | | Sampler: Chen | |
|---|---------------|---------------------|-----------|---------------------|---------------|--------------------|-------------------|-----------------------|--|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Dissolved Oxygen | 3.00 | mg/L | | | S4500OG | TChen | 8/12/2019 | | |
| Intake # currently in use | | Feet | | | N/A | TChen | 8/12/2019 | | |
| pH (measured in field) | 8.11 | SU | | | SH-B | TChen | 8/12/2019 | | |
| Temperature | 23.0 | ° C | | | S2550B | TChen | 8/12/2019 | | |
| Turbidity (measured in field) | 1.4 | NTU | 0.03 | | S2130B | TChen | 8/12/2019 | | |
| Lopez Treatment Plant Raw | | 190724019-10 | | Sample Date: | | 8/12/2019 10:00 AM | | Sampler: Chen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Blue-green Algae | 0 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| Calculated Total Algae Count | 4100 | Cells/mL | 1 | | S10300C | DRuedas | 8/12/2019 | | |
| Cryptomonads | 8 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| Diatoms | 4100 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| Dinoflagellates | 21 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| E. Coli Bacteria | 16 | MPN/100ml | 1 | | S9223B | FDevlin | 8/13/2019 | | |
| Flagellates | 0 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| Golden Algae | 0 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| Green Algae | 21 | Cells/mL | | | S10300C | DRuedas | 8/12/2019 | | |
| Total Coliform Bacteria | 2000 | MPN/100mL | 1 | | S9223B | FDevlin | 8/13/2019 | | |
| Lopez Treatment Plant Raw | | 190724019-11 | | Sample Date: | | 8/12/2019 10:05 AM | | Sampler: Chen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | Df | Odor Type | | | S2150B | TChen | 8/12/2019 | | |
| Threshold Odor @ 60°C | 4.0 | TON | 1 | 3 | S2150B | TChen | 8/12/2019 | | |
| Turbidity | 0.89 | NTU | 0.03 | 0.5 | S2130B | TChen | 8/12/2019 | | |
| Lopez Treatment Plant Treated | | 190724018-00 | | Sample Date: | | 8/12/2019 11:30 AM | | Sampler: Koury | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/12/2019 | | |
| Chlorite by Amperometric Tiration | 0.55 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/12/2019 | | |
| On-line Chlorite Analyzer Reading | 0.53 | mg/L | | | None | DKoury | 8/12/2019 | | |
| Lopez Treatment Plant Treated | | 190724019-12 | | Sample Date: | | 8/12/2019 10:05 AM | | Sampler: Chen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/13/2019 | | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/14/2019 | | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | TChen | 8/12/2019 | | |
| Temperature | 24.3 | ° C | | | S2550B | TChen | 8/12/2019 | | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | TChen | 8/12/2019 | | |
| Total Chlorine Residual (measured in the field) | 2.96 | mg/L | 0.1 | 4 | SCL-G | TChen | 8/12/2019 | | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/13/2019 | | |
| Delivered Water | | 190813016-00 | | Sample Date: | | 8/13/2019 8:22 AM | | Sampler: Koury | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/13/2019 | | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/13/2019 | | |
| On-line Chlorite Analyzer Reading | 0.59 | mg/L | | | None | DKoury | 8/13/2019 | | |

| Delivered Water | | 190813029-00 | Sample Date: | 8/14/2019 8:26 AM | Sampler: Koury | | | |
|---|---------------|---------------------|---------------------|-------------------|-------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/14/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/14/2019 | |
| On-line Chlorite Analyzer Reading | 0.60 | mg/L | | | None | DKoury | 8/14/2019 | |
| Delivered Water | | 190813034-00 | Sample Date: | 8/15/2019 8:25 AM | Sampler: DKoury | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/15/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/15/2019 | |
| On-line Chlorite Analyzer Reading | 0.59 | mg/L | | | None | DKoury | 8/15/2019 | |
| Delivered Water | | 190813039-01 | Sample Date: | 8/16/2019 8:34 AM | Sampler: DKoury | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/16/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/16/2019 | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | DKoury | 8/16/2019 | |
| Delivered Water | | 190813043-00 | Sample Date: | 8/17/2019 8:22 AM | Sampler: Koury | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/17/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/17/2019 | |
| On-line Chlorite Analyzer Reading | 0.60 | mg/L | | | None | DKoury | 8/17/2019 | |
| Delivered Water | | 190813047-00 | Sample Date: | 8/18/2019 8:44 AM | Sampler: DKoury | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DKoury | 8/18/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | DKoury | 8/18/2019 | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | DKoury | 8/18/2019 | |
| Delivered Water | | 190813056-00 | Sample Date: | 8/19/2019 9:10 AM | Sampler: McLean | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/19/2019 | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/19/2019 | |
| On-line Chlorite Analyzer Reading | 0.61 | mg/L | | | None | BMclean | 8/19/2019 | |
| Delivered Water | | 190813059-00 | Sample Date: | 8/19/2019 9:19 AM | Sampler: DRuedas | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/20/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/21/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | BValencia | 8/19/2019 | |
| Temperature | 23.4 | ° C | | | S2550B | DRuedas | 8/19/2019 | |
| Threshold Odor @ 60°C | 1.9 | TON | 1 | 3 | S2150B | BValencia | 8/19/2019 | |
| Total Chlorine Residual (measured in the field) | 2.40 | mg/L | 0.1 | 4 | SCL-G | DRuedas | 8/19/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/20/2019 | |
| Turbidity (measured in field) | 0.070 | NTU | 0.03 | | S2130B | DRuedas | 8/19/2019 | |

| Domestic Tank | | 190813059-01 | Sample Date: 8/19/2019 9:45 AM | | Sampler: DRuedas | | | |
|---|---------------|---------------------|---------------------------------------|------------|-------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/20/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/21/2019 | |
| Temperature | 23.0 | ° C | | | S2550B | DRuedas | 8/19/2019 | |
| Total Chlorine Residual (measured in the field) | 1.92 | mg/L | 0.1 | 4 | SCL-G | DRuedas | 8/19/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/20/2019 | |
| Lopez Treatment Plant Raw | | 190813058-00 | Sample Date: 8/19/2019 9:25 AM | | Sampler: DRuedas | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Iron | < 10 | ug/L | 10 | 300 | E200.7 | MPontes | 9/3/2019 | |
| Manganese | 11 | ug/L | 5 | 50 | E200.7 | MPontes | 9/3/2019 | |
| Metals Digestion | No | Yes/No | | | E200.7 | MPontes | 8/20/2019 | |
| Lopez Treatment Plant Raw | | 190813059-02 | Sample Date: 8/19/2019 9:20 AM | | Sampler: DRuedas | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. Coli Bacteria | 2.0 | MPN/100ml | 1 | | S9223B | FDevlin | 8/19/2019 | |
| Total Coliform Bacteria | 1600 | MPN/100mL | 1 | | S9223B | FDevlin | 8/19/2019 | |
| Lopez Treatment Plant Raw | | 190813059-03 | Sample Date: 8/19/2019 9:20 AM | | Sampler: DRuedas | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Blue-green Algae | 0 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Calculated Total Algae Count | 4600 | Cells/mL | 1 | | S10300C | DRuedas | 8/19/2019 | |
| Cryptomonads | 3 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Diatoms | 4400 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Dinoflagellates | 0 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Dissolved Oxygen | 4.10 | mg/L | | | S4500OG | DRuedas | 8/19/2019 | |
| Flagellates | 0 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Golden Algae | 44 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Green Algae | 150 | Cells/mL | | | S10300C | DRuedas | 8/19/2019 | |
| Intake # currently in use | | Feet | | | N/A | DRuedas | 8/19/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | Df | Odor Type | | | S2150B | BValencia | 8/19/2019 | |
| pH (measured in field) | 7.91 | SU | | | SH-B | DRuedas | 8/19/2019 | |
| Temperature | 21.9 | ° C | | | S2550B | DRuedas | 8/19/2019 | |
| Threshold Odor @ 60°C | 3.5 | TON | 1 | 3 | S2150B | BValencia | 8/19/2019 | |
| Turbidity | 2.0 | NTU | 0.03 | 0.5 | S2130B | BValencia | 8/19/2019 | |
| Turbidity (measured in field) | 0.90 | NTU | 0.03 | | S2130B | DRuedas | 8/19/2019 | |

| Lopez Treatment Plant Treated | | 190813057-00 | Sample Date: | 8/19/2019 10:10 AM | Sampler: McLean | | | |
|---|---------------|---------------------|---------------------|--------------------|-------------------------|----------------|-------------------|------------------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | 0.13 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/19/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/19/2019 | |
| On-line Chlorite Analyzer Reading | 0.62 | mg/L | | | None | BMclean | 8/19/2019 | |
| Lopez Treatment Plant Treated | | 190813058-01 | Sample Date: | 8/19/2019 9:25 AM | Sampler: DRuedas | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Iron | < 10 | ug/L | 10 | 300 | E200.7 | MPontes | 9/3/2019 | |
| Manganese | < 5.0 | ug/L | 5 | 50 | E200.7 | MPontes | 9/3/2019 | |
| Verification of pH | Yes | Yes/No | | | SH-B | MPontes | 8/29/2019 | |
| Lopez Treatment Plant Treated | | 190813059-04 | Sample Date: | 8/19/2019 9:27 AM | Sampler: DRuedas | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/20/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/21/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | BValencia | 8/19/2019 | |
| Temperature | 23.4 | ° C | | | S2550B | DRuedas | 8/19/2019 | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | BValencia | 8/19/2019 | |
| Total Chlorine Residual (measured in the field) | 2.72 | mg/L | 0.1 | 4 | SCL-G | DRuedas | 8/19/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/20/2019 | |
| Delivered Water | | 190814014-00 | Sample Date: | 8/20/2019 9:50 AM | Sampler: McLean | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/20/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/20/2019 | |
| On-line Chlorite Analyzer Reading | 0.60 | mg/L | | | None | BMclean | 8/20/2019 | |
| Delivered Water | | 190821002-01 | Sample Date: | 8/20/2019 10:50 PM | Sampler: McLean | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorate | 0.56 | mg/L | 0.02 | 0.8 | E300.0 | Kgephart | 8/21/2019 | |
| Chlorine Dioxide Residual (measured in the field) | NA | | 0.1 | 0.8 | SCLO2D | BMclean | 8/20/2019 | |
| Chlorite | 0.58 | mg/L | 0.02 | 1 | E300.0 | Kgephart | 8/21/2019 | |
| Delivered Water | | 190815009-00 | Sample Date: | 8/21/2019 9:44 AM | Sampler: McLean | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | MPontes | 8/21/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | MPontes | 8/21/2019 | |
| On-line Chlorite Analyzer Reading | 0.90 | mg/L | | | None | MPontes | 8/21/2019 | |
| Delivered Water | | 190815015-00 | Sample Date: | 8/22/2019 9:55 AM | Sampler: McLean | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/22/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/22/2019 | |
| On-line Chlorite Analyzer Reading | 0.53 | mg/L | | | None | BMclean | 8/22/2019 | |
| Delivered Water | | 190815020-00 | Sample Date: | 8/23/2019 9:18 AM | Sampler: McLean | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/23/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/23/2019 | |
| On-line Chlorite Analyzer Reading | 0.49 | mg/L | | | None | BMclean | 8/23/2019 | |

| LPRJ Hach Ammonia Analyzer | | 190826003-01 | Sample Date: 8/23/2019 2:40 PM | | Sampler: Pontes | | | |
|---|---------------|---------------------|---------------------------------------|------------|---------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Cyanide | 2.6 | ug/L | | 150 | S4500CN-F | EEA | 9/3/2019 | |
| Delivered Water | | 190815024-00 | Sample Date: 8/24/2019 8:20 AM | | Sampler: McLean | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/24/2019 | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/24/2019 | |
| On-line Chlorite Analyzer Reading | 0.59 | mg/L | | | None | BMclean | 8/24/2019 | |
| Delivered Water | | 190815028-00 | Sample Date: 8/25/2019 8:26 AM | | Sampler: McLean | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | BMclean | 8/25/2019 | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | BMclean | 8/25/2019 | |
| On-line Chlorite Analyzer Reading | 0.58 | mg/L | | | None | BMclean | 8/25/2019 | |
| Delivered Water | | 190815037-00 | Sample Date: 8/26/2019 9:45 AM | | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/26/2019 | |
| Chlorite by Amperometric Tiration | 0.63 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/26/2019 | |
| On-line Chlorite Analyzer Reading | 0.58 | mg/L | | | None | JCaldera | 8/26/2019 | |
| Delivered Water | | 190815039-00 | Sample Date: 8/26/2019 8:50 AM | | Sampler: BValencia | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/27/2019 | |
| Heterotrophic Plate Count | 1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/28/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M/D | Odor Type | | | S2150B | BValencia | 8/26/2019 | |
| Temperature | 23.6 | ° C | | | S2550B | BValencia | 8/26/2019 | |
| Threshold Odor @ 60°C | 1.5 | TON | 1 | 3 | S2150B | BValencia | 8/26/2019 | |
| Total Chlorine Residual (measured in the field) | 2.40 | mg/L | 0.1 | 4 | SCL-G | BValencia | 8/26/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/27/2019 | |
| Turbidity (measured in field) | 0.10 | NTU | 0.03 | | S2130B | BValencia | 8/26/2019 | |
| Domestic Tank | | 190815039-01 | Sample Date: 8/26/2019 8:30 AM | | Sampler: BValencia | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/27/2019 | |
| Heterotrophic Plate Count | 1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/28/2019 | |
| Temperature | 23.7 | ° C | | | S2550B | BValencia | 8/26/2019 | |
| Total Chlorine Residual (measured in the field) | 2.54 | mg/L | 0.1 | 4 | SCL-G | BValencia | 8/26/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/27/2019 | |
| Downstream of Discharge to Creek (RD-1) | | 190827001-03 | Sample Date: 8/26/2019 2:15 PM | | Sampler: Pontes | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Grease and Oil | NA | | | | E1664 | | | |

| Lopez Treatment Plant Raw | | 190815039-02 | Sample Date: 8/26/2019 9:00 AM | | Sampler: BValencia | | | |
|----------------------------------|---------------|---------------------|---------------------------------------|------------|---------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. Coli Bacteria | 1.0 | MPN/100ml | 1 | | S9223B | FDevlin | 8/27/2019 | |
| Total Coliform Bacteria | 770 | MPN/100mL | 1 | | S9223B | FDevlin | 8/27/2019 | |

| Lopez Treatment Plant Raw | | 190815039-03 | Sample Date: 8/26/2019 9:00 AM | | Sampler: BValencia | | | |
|------------------------------------|---------------|---------------------|---------------------------------------|------------|---------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Blue-green Algae | 0 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Calculated Total Algae Count | 4300 | Cells/mL | 1 | | S10300C | DRuedas | 8/26/2019 | |
| Cryptomonads | 7 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Diatoms | 2900 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Dinoflagellates | 2 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Dissolved Oxygen | 6.30 | mg/L | | | S4500OG | BValencia | 8/26/2019 | |
| Flagellates | 0 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Golden Algae | 160 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Green Algae | 1200 | Cells/mL | | | S10300C | DRuedas | 8/26/2019 | |
| Intake # currently in use | | Feet | | | N/A | BValencia | 8/26/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | Df | Odor Type | | | S2150B | BValencia | 8/26/2019 | |
| pH (measured in field) | 7.98 | SU | | | SH-B | BValencia | 8/26/2019 | |
| Temperature | 23.7 | ° C | | | S2550B | BValencia | 8/26/2019 | |
| Threshold Odor @ 60°C | 4.0 | TON | 1 | 3 | S2150B | BValencia | 8/26/2019 | |
| Turbidity | 0.71 | NTU | 0.03 | 0.5 | S2130B | BValencia | 8/26/2019 | |
| Turbidity (measured in field) | 0.78 | NTU | 0.03 | | S2130B | BValencia | 8/26/2019 | |

| Lopez Treatment Plant Treated | | 190815038-00 | Sample Date: 8/26/2019 10:20 AM | | Sampler: Caldera | | | |
|--|---------------|---------------------|--|------------|-------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | 0.14 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/26/2019 | |
| Chlorite by Amperometric Tiration | 0.57 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/26/2019 | |
| On-line Chlorite Analyzer Reading | 0.51 | mg/L | | | None | JCaldera | 8/26/2019 | |

| Lopez Treatment Plant Treated | | 190815039-04 | Sample Date: 8/26/2019 8:45 AM | | Sampler: BValencia | | | |
|---|---------------|---------------------|---------------------------------------|------------|---------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/27/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 8/28/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M/D | Odor Type | | | S2150B | BValencia | 8/26/2019 | |
| Temperature | 23.4 | ° C | | | S2550B | BValencia | 8/26/2019 | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | BValencia | 8/26/2019 | |
| Total Chlorine Residual (measured in the field) | 2.09 | mg/L | 0.1 | 4 | SCL-G | BValencia | 8/26/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 8/27/2019 | |

| Upstream of Discharge to Creek (RU1) | | 190827001-02 | Sample Date: 8/26/2019 2:27 PM | | Sampler: Pontes | | | |
|---|---------------|---------------------|---------------------------------------|------------|------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Grease and Oil | NA | | | | E1664 | | | |

| WTP Discharge to Creek (E1) | | 190722031-01 | Sample Date: | 8/26/2019 10:28 AM | Sampler: Mpontes | | | |
|--|---------------|---------------------|---------------------|--------------------|-------------------------|----------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Flow | 2900 | gpd | | | Calculation | MPontes | 8/26/2019 | |
| pH (measured in field) | 7.89 | SU | | | SH-B | MPontes | 8/26/2019 | |
| WTP Discharge to Creek (E1) | | 190827001-01 | Sample Date: | 8/26/2019 10:28 AM | Sampler: Pontes | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Grease and Oil | NA | | | | E1664 | | | |
| Delivered Water | | 190815054-00 | Sample Date: | 8/27/2019 9:40 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/27/2019 | |
| Chlorite by Amperometric Tiration | 0.62 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/27/2019 | |
| On-line Chlorite Analyzer Reading | 0.56 | mg/L | | | None | JCaldera | 8/27/2019 | |
| Delivered Water | | 190815067-00 | Sample Date: | 8/28/2019 11:10 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/28/2019 | |
| Chlorite by Amperometric Tiration | 0.51 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/28/2019 | |
| On-line Chlorite Analyzer Reading | 0.50 | mg/L | | | None | JCaldera | 8/28/2019 | |
| Delivered Water | | 190815072-00 | Sample Date: | 8/29/2019 9:30 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/29/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/29/2019 | |
| On-line Chlorite Analyzer Reading | 0.54 | mg/L | | | None | JCaldera | 8/29/2019 | |
| Delivered Water | | 190815077-00 | Sample Date: | 8/30/2019 10:10 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/30/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/30/2019 | |
| On-line Chlorite Analyzer Reading | 0.55 | mg/L | | | None | JCaldera | 8/30/2019 | |
| Delivered Water | | 190815081-00 | Sample Date: | 8/31/2019 8:40 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 8/31/2019 | |
| Chlorite by Amperometric Tiration | 0.63 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 8/31/2019 | |
| On-line Chlorite Analyzer Reading | 0.55 | mg/L | | | None | JCaldera | 8/31/2019 | |
| Delivered Water | | 190815085-00 | Sample Date: | 9/1/2019 9:20 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 9/1/2019 | |
| Chlorite by Amperometric Tiration | 0.63 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 9/1/2019 | |
| On-line Chlorite Analyzer Reading | 0.55 | mg/L | | | None | JCaldera | 9/1/2019 | |
| Delivered Water | | 190822016-00 | Sample Date: | 9/2/2019 8:50 AM | Sampler: Caldera | | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 9/2/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 9/2/2019 | |
| On-line Chlorite Analyzer Reading | 0.53 | mg/L | | | None | JCaldera | 9/2/2019 | |

| Lopez Treatment Plant Treated | | 190816018-00 | Sample Date: | 9/2/2019 9:20 AM | Sampler: Caldera | | | |
|---|---------------|---------------------|---------------------|-------------------|-------------------------|----------------|-------------------|------------------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | 0.15 | mg/L | 0.1 | 0.8 | SCLO2E | JCaldera | 9/2/2019 | |
| Chlorite by Amperometric Tiration | 0.55 | mg/L | 0.1 | 1 | SCLO2E | JCaldera | 9/2/2019 | |
| On-line Chlorite Analyzer Reading | 0.46 | mg/L | | | None | JCaldera | 9/2/2019 | |
| Delivered Water | | 190816016-00 | Sample Date: | 9/3/2019 10:10 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Aluminum | NA | | 20 | 200 | E200.7 | | | |
| Delivered Water | | 190816016-01 | Sample Date: | 9/3/2019 10:10 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Verification of pH | NA | | | | SH-B | | | |
| Delivered Water | | 190816017-00 | Sample Date: | 9/3/2019 9:55 AM | Sampler: Farrell | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 9/3/2019 | |
| Chlorite by Amperometric Tiration | 0.61 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 9/3/2019 | |
| On-line Chlorite Analyzer Reading | 0.53 | mg/L | | | None | KFarrell | 9/3/2019 | |
| Delivered Water | | 190816019-00 | Sample Date: | 9/3/2019 10:10 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Bicarbonate Alkalinity as HCO3 | 270 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Bicarbonate as CaCO3 | 220 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Calcium | NA | | 1 | | E200.7 | | | |
| Carbonate Alkalinity as CO3 | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Carbonate as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Hydroxide Alkalinity as OH | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Hydroxide as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Magnesium | NA | | 1 | | E200.7 | | | |
| pH (measured in field) | 7.89 | SU | | | SH-B | TChen | 9/3/2019 | |
| Total Alkalinity as CaCO3 | 224 | mg/L | 1 | | S2320B | FDevlin | 9/6/2019 | |
| Total Hardness as CaCO3 (Calculated) | NA | | 1 | | E200.7 | | | |
| Verification of pH | NA | | | | SH-B | | | |
| Delivered Water | | 190816020-00 | Sample Date: | 9/3/2019 10:10 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/4/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 9/5/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | DRuedas | 9/3/2019 | |
| Temperature | 23.2 | ° C | | | S2550B | TChen | 9/3/2019 | |
| Threshold Odor @ 60°C | 1.0 | TON | 1 | 3 | S2150B | DRuedas | 9/3/2019 | |
| Total Chlorine Residual (measured in the field) | 2.18 | mg/L | 0.1 | 4 | SCL-G | TChen | 9/3/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/4/2019 | |
| Turbidity (measured in field) | 0.090 | NTU | 0.03 | | S2130B | TChen | 9/3/2019 | |

| Domestic Tank | | 190816020-01 | | Sample Date: | | 9/3/2019 9:10 AM | | Sampler: tchen | |
|---|---------------|---------------------|-----------|---------------------|---------------|-------------------|-------------------|-----------------------|--|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/4/2019 | | |
| Heterotrophic Plate Count | 15 | CFU/mL | 1 | 500 | S9215B | FDevlin | 9/5/2019 | | |
| Temperature | 25.2 | ° C | | | S2550B | TChen | 9/3/2019 | | |
| Total Chlorine Residual (measured in the field) | 2.90 | mg/L | 0.1 | 4 | SCL-G | TChen | 9/3/2019 | | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/4/2019 | | |
| Lopez Treatment Plant Raw | | 190816019-01 | | Sample Date: | | 9/3/2019 10:15 AM | | Sampler: tchen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Calcium | NA | | 1 | | E200.7 | | | | |
| Langelier Index (Calculated) | NA | | | | N/A | | | | |
| Magnesium | NA | | 1 | | E200.7 | | | | |
| pH (measured in field) | 8.20 | SU | | | SH-B | TChen | 9/3/2019 | | |
| pH (measured in the lab) | 8.26 | Units | | | SH-B | DRuedas | 9/3/2019 | | |
| Temperature | 23.2 | ° C | | | S2550B | TChen | 9/3/2019 | | |
| Total Alkalinity as CaCO3 | 248 | mg/L | 1 | | S2320B | FDevlin | 9/6/2019 | | |
| Total Dissolved Solids | 500 | mg/L | 1 | 1000 | S2540C | DRuedas | 9/6/2019 | | |
| Total Hardness as CaCO3 (Calculated) | NA | | 1 | | E200.7 | | | | |
| Lopez Treatment Plant Raw | | 190816020-02 | | Sample Date: | | 9/3/2019 10:15 AM | | Sampler: tchen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| E. Coli Bacteria | 2.0 | MPN/100ml | 1 | | S9223B | FDevlin | 9/4/2019 | | |
| Total Coliform Bacteria | 920 | MPN/100mL | 1 | | S9223B | FDevlin | 9/4/2019 | | |
| Lopez Treatment Plant Raw | | 190816020-03 | | Sample Date: | | 9/3/2019 10:15 AM | | Sampler: tchen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> | |
| Blue-green Algae | 0 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Calculated Total Algae Count | 690 | Cells/mL | 1 | | S10300C | DRuedas | 9/3/2019 | | |
| Cryptomonads | 7 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Diatoms | 560 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Dinoflagellates | 7 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Dissolved Oxygen | 3.90 | mg/L | | | S4500OG | TChen | 9/3/2019 | | |
| Flagellates | 0 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Golden Algae | 0 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Green Algae | 120 | Cells/mL | | | S10300C | DRuedas | 9/3/2019 | | |
| Intake # currently in use | | Feet | | | N/A | TChen | 9/3/2019 | | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | Df | Odor Type | | | S2150B | DRuedas | 9/3/2019 | | |
| pH (measured in field) | 8.20 | SU | | | SH-B | TChen | 9/3/2019 | | |
| Temperature | 22.3 | ° C | | | S2550B | TChen | 9/3/2019 | | |
| Threshold Odor @ 60°C | 4.0 | TON | 1 | 3 | S2150B | DRuedas | 9/3/2019 | | |
| Turbidity | 0.36 | NTU | 0.03 | 0.5 | S2130B | DRuedas | 9/3/2019 | | |
| Turbidity (measured in field) | 0.45 | NTU | 0.03 | | S2130B | TChen | 9/3/2019 | | |

| Lopez Treatment Plant Treated | | 190816016-02 | Sample Date: | 9/3/2019 10:05 AM | Sampler: tchen | | | |
|---|--------|----------------|--------------|-------------------|------------------|----------|------------|-----------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Aluminum | NA | | 20 | 200 | E200.7 | | | |
| Lopez Treatment Plant Treated | | 190816016-03 | Sample Date: | 9/3/2019 10:05 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Verification of pH | NA | | | | SH-B | | | |
| Lopez Treatment Plant Treated | | 190816019-02 | Sample Date: | 9/3/2019 10:05 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Bicarbonate Alkalinity as HCO3 | 290 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Bicarbonate as CaCO3 | 230 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Calcium | NA | | 1 | | E200.7 | | | |
| Carbonate Alkalinity as CO3 | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Carbonate as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Hydroxide Alkalinity as OH | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Hydroxide as CaCO3 | 0 | mg/L | | | S2320B | FDevlin | 9/6/2019 | |
| Magnesium | NA | | 1 | | E200.7 | | | |
| pH (measured in field) | 7.88 | SU | | | SH-B | TChen | 9/3/2019 | |
| Total Alkalinity as CaCO3 | 234 | mg/L | 1 | | S2320B | FDevlin | 9/6/2019 | |
| Total Hardness as CaCO3 (Calculated) | NA | | 1 | | E200.7 | | | |
| Verification of pH | NA | | | | SH-B | | | |
| Lopez Treatment Plant Treated | | 190816020-04 | Sample Date: | 9/3/2019 10:05 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/4/2019 | |
| Heterotrophic Plate Count | <1 | CFU/mL | 1 | 500 | S9215B | FDevlin | 9/5/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | DRuedas | 9/3/2019 | |
| Temperature | 23.3 | ° C | | | S2550B | TChen | 9/3/2019 | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | DRuedas | 9/3/2019 | |
| Total Chlorine Residual (measured in the field) | 2.86 | mg/L | 0.1 | 4 | SCL-G | TChen | 9/3/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/4/2019 | |
| Recycled Water | | 190816016-04 | Sample Date: | 9/3/2019 10:20 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Aluminum | NA | | 20 | 200 | E200.7 | | | |
| Metals Digestion | NA | | | | E200.7 | | | |
| Delivered Water | | 190822026-00 | Sample Date: | 9/4/2019 10:20 AM | Sampler: Farrell | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 9/4/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 9/4/2019 | |
| On-line Chlorite Analyzer Reading | 0.52 | mg/L | | | None | KFarrell | 9/4/2019 | |
| Delivered Water | | 190822031-00 | Sample Date: | 9/5/2019 10:25 AM | Sampler: Farrell | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 9/5/2019 | |
| Chlorite by Amperometric Tiration | 0.59 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 9/5/2019 | |
| On-line Chlorite Analyzer Reading | 0.53 | mg/L | | | None | KFarrell | 9/5/2019 | |

| Delivered Water | | 190820007-00 | Sample Date: | | 9/6/2019 9:40 AM | | Sampler: Farrell | |
|---|---------------|---------------------|---------------------|------------|-------------------|----------------|-------------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 9/6/2019 | |
| Chlorite by Amperometric Tiration | 0.56 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 9/6/2019 | |
| On-line Chlorite Analyzer Reading | 0.51 | mg/L | | | None | KFarrell | 9/6/2019 | |
| Delivered Water | | 190821006-00 | Sample Date: | | 9/7/2019 9:05 AM | | Sampler: Farrell | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 9/7/2019 | |
| Chlorite by Amperometric Tiration | 0.60 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 9/7/2019 | |
| On-line Chlorite Analyzer Reading | 0.53 | mg/L | | | None | KFarrell | 9/7/2019 | |
| Delivered Water | | 190822003-00 | Sample Date: | | 9/8/2019 8:40 AM | | Sampler: Farrell | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | KFarrell | 9/8/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | KFarrell | 9/8/2019 | |
| On-line Chlorite Analyzer Reading | 0.51 | mg/L | | | None | KFarrell | 9/8/2019 | |
| Delivered Water | | 190823007-00 | Sample Date: | | 9/9/2019 10:15 AM | | Sampler: Mann | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DMann | 9/9/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | DMann | 9/9/2019 | |
| On-line Chlorite Analyzer Reading | 0.50 | mg/L | | | None | DMann | 9/9/2019 | |
| Delivered Water | | 190823010-00 | Sample Date: | | 9/9/2019 10:05 AM | | Sampler: tchen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/10/2019 | |
| Heterotrophic Plate Count | 2 | CFU/mL | 1 | 500 | S9215B | FDevlin | 9/11/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | TChen | 9/9/2019 | |
| Temperature | 23.1 | ° C | | | S2550B | TChen | 9/9/2019 | |
| Threshold Odor @ 60°C | 1.0 | TON | 1 | 3 | S2150B | TChen | 9/9/2019 | |
| Total Chlorine Residual (measured in the field) | 2.56 | mg/L | 0.1 | 4 | SCL-G | TChen | 9/9/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/10/2019 | |
| Turbidity (measured in field) | 0.060 | NTU | 0.03 | | S2130B | TChen | 9/9/2019 | |
| Domestic Tank | | 190823010-01 | Sample Date: | | 9/9/2019 8:50 AM | | Sampler: tchen | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/10/2019 | |
| Heterotrophic Plate Count | 42 | CFU/mL | 1 | 500 | S9215B | FDevlin | 9/11/2019 | |
| Temperature | 24.1 | ° C | | | S2550B | TChen | 9/9/2019 | |
| Total Chlorine Residual (measured in the field) | 2.72 | mg/L | 0.1 | 4 | SCL-G | TChen | 9/9/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/10/2019 | |

| Lopez Treatment Plant Raw | | 190823009-00 | Sample Date: | | 9/9/2019 9:55 AM | Sampler: tchen | | |
|------------------------------------|---------------|---------------------|---------------------|------------|------------------|-----------------------|-------------------|------------------|
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Iron | NA | | 10 | 300 | E200.7 | | | |
| Manganese | NA | | 5 | 50 | E200.7 | | | |
| Metals Digestion | NA | | | | E200.7 | | | |
| Lopez Treatment Plant Raw | | 190823010-02 | Sample Date: | | 9/9/2019 9:55 AM | Sampler: tchen | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| E. Coli Bacteria | <1 | MPN/100ml | 1 | | S9223B | FDevlin | 9/10/2019 | |
| Total Coliform Bacteria | 610 | MPN/100mL | 1 | | S9223B | FDevlin | 9/10/2019 | |
| Lopez Treatment Plant Raw | | 190823010-03 | Sample Date: | | 9/9/2019 9:55 AM | Sampler: tchen | | |
| <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyst</u> | <u>Anal. Date</u> | <u>Qualifier</u> |
| Blue-green Algae | 0 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Calculated Total Algae Count | 430 | Cells/mL | 1 | | S10300C | DRuedas | 9/9/2019 | |
| Cryptomonads | 6 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Diatoms | 320 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Dinoflagellates | 10 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Dissolved Oxygen | 3.90 | mg/L | | | S4500OG | TChen | 9/9/2019 | |
| Flagellates | 0 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Golden Algae | 0 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Green Algae | 90 | Cells/mL | | | S10300C | DRuedas | 9/9/2019 | |
| Intake # currently in use | | Feet | | | N/A | TChen | 9/9/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M/Df | Odor Type | | | S2150B | TChen | 9/9/2019 | |
| pH (measured in field) | 8.24 | SU | | | SH-B | TChen | 9/9/2019 | |
| Temperature | 21.5 | ° C | | | S2550B | TChen | 9/9/2019 | |
| Threshold Odor @ 60°C | 2.0 | TON | 1 | 3 | S2150B | TChen | 9/9/2019 | |
| Turbidity | 0.52 | NTU | 0.03 | 0.5 | S2130B | TChen | 9/9/2019 | |
| Turbidity (measured in field) | 0.37 | NTU | 0.03 | | S2130B | TChen | 9/9/2019 | |

| Lopez Treatment Plant Treated | | 190823008-00 | Sample Date: | 9/9/2019 10:38 AM | Sampler: Mann | | | |
|---|--------|----------------|--------------|-------------------|----------------|---------|------------|-----------|
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DMann | 9/9/2019 | |
| Chlorite by Amperometric Tiration | 0.53 | mg/L | 0.1 | 1 | SCLO2E | DMann | 9/9/2019 | |
| On-line Chlorite Analyzer Reading | 0.51 | mg/L | | | None | DMann | 9/9/2019 | |
| Lopez Treatment Plant Treated | | 190823009-01 | Sample Date: | 9/9/2019 10:00 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Iron | NA | | 10 | 300 | E200.7 | | | |
| Manganese | NA | | 5 | 50 | E200.7 | | | |
| Verification of pH | NA | | | | SH-B | | | |
| Lopez Treatment Plant Treated | | 190823010-04 | Sample Date: | 9/9/2019 10:00 AM | Sampler: tchen | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| E. coli Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/10/2019 | |
| Heterotrophic Plate Count | 3 | CFU/mL | 1 | 500 | S9215B | FDevlin | 9/11/2019 | |
| Odor Type @ 60°C (A/B/C/D/E/G/M/V) | M | Odor Type | | | S2150B | TChen | 9/9/2019 | |
| Temperature | 22.8 | ° C | | | S2550B | TChen | 9/9/2019 | |
| Threshold Odor @ 60°C | 1.5 | TON | 1 | 3 | S2150B | TChen | 9/9/2019 | |
| Total Chlorine Residual (measured in the field) | 2.54 | mg/L | 0.1 | 4 | SCL-G | TChen | 9/9/2019 | |
| Total Coliform Presence/Absence | Absent | Present/Absent | | 0.9 | S9223B | FDevlin | 9/10/2019 | |
| Delivered Water | | 190827017-00 | Sample Date: | 9/10/2019 9:20 AM | Sampler: DMann | | | |
| Analyte | Result | Units | RL | MCL | Method | Analyst | Anal. Date | Qualifier |
| Chlorine Dioxide Residual by Amperometric Titr | <0.1 | mg/L | 0.1 | 0.8 | SCLO2E | DMann | 9/10/2019 | |
| Chlorite by Amperometric Tiration | 0.58 | mg/L | 0.1 | 1 | SCLO2E | DMann | 9/10/2019 | |
| On-line Chlorite Analyzer Reading | 0.50 | mg/L | | | None | DMann | 9/10/2019 | |

FOOTNOTES

NA = not analyzed

ND = not detected above reporting limit

RL - Reporting Limit

MCL = Maximum Contaminant Level

Odor Type Legend: A - Aromatic (camphor, cloves, lavender, lemon); B - Balsamic (fragrant - geranium, violets, vanilla); C - Chemical; Cc - free chlorine; Ch - Hydrocarbon, Cm - Medicinal; Cs - Sulfuretted; D - Disagreeable; Df - Fishy; Dp - Pigpen; Ds - Septic; E - Earthy; G - Grassy; M - Musty; V - Vegetable

"++" after a result indicates "greater than" the value. "+" after a result indicates "greater than or equal to" the value.

| Data Qualifier | Translation |
|----------------|---|
| B | Blank contamination; Analyte detected above the method reporting limit in an associated blank |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit |
| J1 | Reported value is estimated; Surrogate recoveries limits were exceeded |
| J2 | Reported value is estimated; No known QC criteria for this component |
| J3 | Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy |
| J4 | Reported value is estimated; The sample matrix interfered with the analysis |
| K | Off-scale low. Actual value is known to be less than the value given |
| L | Off-scale high. Actual value is known to be greater than value given |
| Q | Sample held beyond the accepted holding time |
| R | Data required additional review before reporting |
| T | Value reported is less than the laboratory method detection limit |
| U | Compound was analyzed for but not detected |
| V | Analyte was detected in both the sample and the associated method blank |
| Z | Too Numerous to count (TNTC) |