



EM Johnson WTP Monthly Finished Water Quality Report April 2026

| Parameter | Plant Tap | Primary MCL ** | Secondary MCL ** |
|---|-----------|----------------|------------------|
| Temperature, °C | 16.5 | | |
| Color, units | 0.0 | | 15 |
| pH, units | 8.33 | | 6.5 - 8.5 |
| Free Carbon Dioxide, mg/l | 0.22 | | |
| Total Alkalinity, mg/l as CaCO ₃ | 23.8 | | |
| Total Hardness, mg/l as CaCO ₃ | 25.3 | | |
| Specific Conductivity, uS/cm | 182 | | |
| Iron, mg/l | <0.10 | | 0.3 |
| Manganese, mg/l | <0.01 | | 0.05 |
| Fluoride, mg/l | 0.66 | 4 | 2 |
| Chloride, mg/l | 12.1 | | 250 |
| Ammonia, mg/l as N | 0.635 | | |
| Nitrate, mg/l as N | 0.10 | 10 | |
| Silica, mg/l as SiO ₃ | 5.15 | | |
| Total Coliform Bacteria* | Absent | 0 | |
| E. Coli | Absent | 0 | |
| Total Trihalomethanes, mg/l | 0.0134 | 0.080 | |

* In 95% of samples collected

**MCL = Maximum Contaminant Level

Certified By: *Martesa Webb*

Martesa Webb, Laboratory Manager

NC Lab ID Number 37604

*Raleigh Water: Serving the people of Garner, Knightdale, Raleigh, Rolesville,
Wake Forest, Wendell, and Zebulon areas.*

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EM Johnson WTP Finished Water Quality Report 2026 Plant Tap Summary

| Parameter | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average |
|---|--------|--------|---------|--------|-----|-----|-----|-----|-----|-----|-----|-----|---------|
| Temperature, °C | 13.3 | 9.0 | 12.3 | 16.5 | | | | | | | | | 12.8 |
| Color, units | 0.50 | 2.0 | 0.0 | 0.0 | | | | | | | | | 0.6 |
| pH, units | 8.36 | 8.33 | 8.4 | 8.3 | | | | | | | | | 8.3 |
| Free Carbon Dioxide, mg/l | 0.19 | 0.2 | 0.20 | 0.22 | | | | | | | | | 0.20 |
| Total Alkalinity, mg/l as CaCO ₃ | 21.5 | 20.2 | 22.4 | 23.8 | | | | | | | | | 22.0 |
| Total Hardness, mg/l as CaCO ₃ | 22.0 | 23.6 | 23.5 | 25.3 | | | | | | | | | 23.6 |
| Specific Conductivity, uS/cm | 170 | 168 | 173 | 182 | | | | | | | | | 173 |
| Iron, mg/l | <0.10 | <0.10 | <0.10 | <0.10 | | | | | | | | | <0.10 |
| Manganese, mg/l | <0.01 | <0.01 | <0.01 | <0.01 | | | | | | | | | <0.01 |
| Fluoride, mg/l | 0.65 | 0.64 | 0.65 | 0.66 | | | | | | | | | 0.65 |
| Chloride, mg/l | 9.84 | 10.2 | 11.2 | 12.1 | | | | | | | | | 10.8 |
| Ammonia, mg/l as N | 0.49 | 0.43 | 0.05*** | 0.64 | | | | | | | | | 0.52 |
| Nitrate, mg/l as N | 0.20 | 0.14 | 0.15 | 0.10 | | | | | | | | | 0.15 |
| Silica, mg/l as SiO ₃ | 9.40 | 8.76 | 7.80 | 5.15 | | | | | | | | | 7.78 |
| Total Coliform Bacteria | Absent | Absent | Absent | Absent | | | | | | | | | Absent |
| E. Coli | Absent | Absent | Absent | Absent | | | | | | | | | Absent |
| Total Trihalomethanes, mg/l | 0.0156 | 0.0112 | 0.011 | 0.013 | | | | | | | | | 0.013 |

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