

2003 Water Quality Report

Test Results

| 2003 TEST RESULTS | | | | | | |
|---|-----------------------------------|---|------------------------|--|--------------|---|
| Contaminant | Violation Y/N | Level Detected | Unit of Measure | MCLG | MCL | Major Sources in Drinking Water |
| Inorganic Contaminants | | | | | | |
| Fluoride | N | 0.94 | Average in ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| | | 0.72-1.07 | Range in ppm | | | |
| Volatile Organic Contaminants | | | | | | |
| TTHM [Total Trihalomethanes] | N | Highest running annual average: 15.3 Range: 5.3-10.6 | ppb | NA | 80 | By-products of drinking water disinfection |
| HAA5 [Haloacetic Acids] | N | Highest annual average: 9.4 Range: 8.1-11.3 | ppb | 0 | 60 | |
| Lead and Copper Tap Monitoring | | | | | | |
| Contaminant | Number of Sites over Action Level | 90th Percentile Result | 95th Percentile Result | Unit of Measure | Action Level | Major Sources in Drinking Water |
| LEAD | 0 | 0.001 | 0.001 | ppm | 0.015 | Corrosion from household plumbing systems; erosion of natural deposits |
| COPPER | 0 | 0.18 | 0.21 | ppm | 1.3 | |
| <ul style="list-style-type: none"> Paragould City Light Water and Cable is on a reduced monitoring schedule and required to sample once every 3 years for lead and copper at the customer's tap. Our last monitoring period was in 2001. Our next required monitoring period is the year 2004. | | | | | | |
| Unregulated Contaminants | | | | | | |
| Contaminant | Level Detected | Unit of Measure | MCLG | Major Sources in Drinking Water | | |
| Chloroform | 3.7 | ppb | N/A | By-products of drinking water disinfection | | |
| Bromodichloromethane | 1.3 | ppb | 0 | | | |
| Dibromochloromethane | 0.57 | ppb | 60 | | | |
| <ul style="list-style-type: none"> Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. MCLs (Maximum Contaminant Levels) and MCLGs (Maximum Contaminant Level Goals) have not been established for all unregulated contaminants. Paragould Light and Water Commission is required to sample for unregulated contaminants triennially. The data in the unregulated contaminant table is from 2002 and is the most recent data available. Paragould Light and Water Commission is required to sample again for unregulated contaminants by December 31st, 2007. | | | | | | |