

# 2001 Water Quality Report

## Test Results

2001 TEST RESULTS						
Contaminant	Violation	CLW Level Detected	Unit of Measure	MCLG	MCL	Likely Source of Contamination
<b>Microbiological Contaminants</b>						
Total Coliform Bacteria	No	0	Present or Absent	0	Presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Inorganic Contaminants</b>						
Fluoride	No	0.95	Average in ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
		0.83-1.05	Range in ppm			
Nitrate as Nitrogen	No	< 0.10	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Barium	No	0.01	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
<b>Volatile Organic Contaminants</b>						
TTH - Total trihalomethanes	No	14.9	Highest annual average ppb	0	100	By-product of drinking water chlorination
		10.3-21.0	Range in ppb			
<b>Lead and Copper Tap Monitoring</b>						
Contaminant	Number of sites over Action Level	90% percentile result	95% percentile result	Unit measure	Action level	Likely Source of Contamination
LEAD	0	0.001	0.001	mg/L	0.015	Corrosion from household plumbing systems; erosion of natural deposits.
COPPER	0	0.18	0.2	mg/L	1.3	Corrosion from household plumbing systems; erosion of natural deposits. Leaching from wood preservatives.
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 and our next required monitoring period is in the year 2004.						
<b>Unregulated Detects</b>						
Contaminant	Not Regulated	Level of Detect	Unit of Measure	Not Regulated	Likely Source of Contamination	
Chloroform	Not Regulated	3.1	ppb	Not Regulated	Component of Total Trihalomethanes	
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.						
<b>Investigative Sampling</b>						
Contaminant	Violation	CLW Level Detected	Unit of Measure	MCLG	MCL	Likely Source of Contamination
HAA—Haloacetic Acid	No	6.3	Highest annual average ppb	N/A	N/A	These are investigative samples, collected for EPA under the Disinfectants Disinfection Byproducts Rule.
		5.4-7.2	Range in ppb			
<b>Violations</b>						
TYPE:	FROM:	TO:	CORRECTIVE ACTION:			
NONE	1/1/2001	12/31/2001	No Violations			