

Existing Well Water Sample Laboratory Test Results and Comparison
Keck & Wood, Inc

May 25, 2023

Table 1: Water Treatment Goals, Maximum Containment Levels

Contaminant	Well Sample Test Results	Max. Allowed	Primary (Drinking)	Secondary (Aesthetics)	Maximum Containment Level
Chlorine Dioxide	0.18	0.8	x		0.8 mg/L (as ClO ₂) Daily Samples
Color	5	15.0		x	15 color units
Chloride	3.7	250.0		x	
Flouride	0.18	2.0		x	
Sulfate	20.9	250.0		x	
Nitrogen, NO2 plus NO3	ND	10.0	x		
Nitrogen, Nitrate (NO3)	ND	10.0	x		
Nitrogen, Nitrite (NO2)	ND	1.0	x		
Iron	ND	0.3		x	0.3 mg/L
Manganese	0.09	0.05	x	x	0.3 mg/L for drinking 0.05 mg/L for aesthetics (odor & staining)
Zinc	0.42	5.0		x	
Sulfate	20.9	250.0		x	250 mg/L
Alkalinity, Total as CaCO3	111	150.0		x	50-150 Normal
Total Dissolved Solids	176	500.0		x	500 mg/L
Turbidity	0.41	1.0	x		Combined filter effluent turbidity of less than or equal to 1.0 NTU at all times
Coliform			x		Will be tested weekly during season

ND = Not Detected at or above adjusted reporting limit

Sample collected on April 26, 2023

Sample Location: Tom E Morris Sports Complex | 3415 Claire Drive, Hapeville, GA 30354

Testing Agency: Pace Analytical

Sample received by testing agency on April 26, 2023 and results provided on May 4, 2023

Requirements taken from Subject 391-3-5 Rules for Safe Drinking Water (GA)

PRIMARY - Rule 391-23-5-.18 Primary Maximum Contaminant levels for Drinking Water

SECONDARY - Rule 391-23-5-.19 Secondary Maximum Contaminant levels for Drinking Water