

**Analytical Results**

*Domestic Water Quality*

**TASK NO: 120104055**

**Report To:** Benson Smith  
**Company:** Treatment Technology  
P.O. Box 668  
Evergreen CO 80437

**Bill To:** Benson Smith  
**Company:** Treatment Technology  
P.O. Box 668  
Evergreen CO 80437

**Task No.:** 120104055  
**Client PO:** LMWD  
**Client Project:** Lookout Mountain CO 0110026

**Date Received:** 1/4/12  
**Date Reported:** 1/16/12  
**Matrix:** Water - Drinking

**Customer Sample ID** Water Treatment Plant  
**Sample Date/Time:** 1/3/12 11:00 AM  
**Lab No.** 120104055-01

Test (units)	Sample Result	Suggested Maximum	Comments
Total Alkalinity (mg/L as CaCO <sub>3</sub> )	38.5	250	
Bicarbonate (mg/L)	47.0	250	
Carbonate (mg/L)	< 0.1		
Chloride (mg/L)	8.8	250	
Iron (mg/L)	< 0.005	0.3	
Fluoride (mg/L)	0.31	4	
Potassium (mg/L)	1.7	50	
Nitrate Nitrogen (mg/L)	< 0.04	10	
pH (units)	7.06	8.5	
Calcium (mg/L)	10.7	200	
Magnesium (mg/L)	3.1	125	
Sodium (mg/L)	7.1	100	
Sodium Adsorption Ratio (units)	0.5	4	
Total Hardness (mg/L as CaCO <sub>3</sub> )	39.4	500	
Sulfate (mg/L)	4.8	250	
Total Dissolved Solids (mg/L)	74	500	

**Abbreviations:**

mg/L = Milligrams Per Liter or PPM  
mpn/100 mls = Most Probable Number Index/ 100 mls

*Suggested maximum levels for Nitrate Nitrogen and Fluoride are mandatory maximums set by The Colorado Department of Public Health and Environment.*