

**Analytical Results**

*Domestic Water Quality*

**TASK NO: 170607047**

**Report To:** Lynn Willow

**Company:** Park Forest Water District  
7340 Mc Ferran Road  
Colorado Springs CO 80908

**Bill To:** Bill Steadman

**Company:** Park Forest Water District  
7340 Mc Ferran Road  
Colorado Springs CO 80908

**Task No.:** 170607047  
**Client PO:**  
**Client Project:**

**Date Received:** 6/7/17  
**Date Reported:** 6/16/17  
**Matrix:** Water - Drinking

**Customer Sample ID** 6940 Franciville  
**Sample Date/Time:** 6/6/17 4:00 PM  
**Lab No.** 170607047-01

Test (units)	Sample Result	Suggested Maximum	Comments
Total Alkalinity (mg/L as CaCO <sub>3</sub> )	78.6	250	
Bicarbonate (mg/L as CaCO <sub>3</sub> )	78.6	250	
Carbonate (mg/L as CaCO <sub>3</sub> )	< 0.1		
Chloride (mg/L)	4.2	250	
Iron (mg/L)	0.079	0.3	
Fluoride (mg/L)	1.00	4	
Potassium (mg/L)	3.1	50	
Nitrate Nitrogen (mg/L)	< 0.05	10	
pH (units)	8.35	8.5	
Calcium (mg/L)	16.9	200	
Magnesium (mg/L)	0.5	125	
Sodium (mg/L)	24.9	100	
Sodium Adsorption Ratio (units)	1.6	4	
Total Hardness (mg/L as CaCO <sub>3</sub> )	44.3	500	
Sulfate (mg/L)	12.9	250	
Total Dissolved Solids (mg/L)	138	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.**

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7340 Mc Ferran Road  
Colorado Springs CO 80908

**Bill To:** Bill Steadman

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7340 Mc Ferran Road  
Colorado Springs CO 80908

**Task No.:** 170607047  
**Client PO:**  
**Client Project:**

**Date Received:** 6/7/17  
**Date Reported:** 6/16/17  
**Matrix:** Water - Drinking

**Customer Sample ID** 7275 Tobin

**Sample Date/Time:** 6/6/17 4:15 PM

**Lab No.** 170607047-02

Test (units)	Sample Result	Suggested Maximum	Comments
Total Alkalinity (mg/L as CaCO <sub>3</sub> )	72.0	250	
Bicarbonate (mg/L as CaCO <sub>3</sub> )	72.0	250	
Carbonate (mg/L as CaCO <sub>3</sub> )	< 0.1		
Chloride (mg/L)	3.9	250	
Iron (mg/L)	0.333	0.3	
Fluoride (mg/L)	1.01	4	
Potassium (mg/L)	3.5	50	
Nitrate Nitrogen (mg/L)	< 0.05	10	
pH (units)	7.70	8.5	
Calcium (mg/L)	12.8	200	
Magnesium (mg/L)	1.0	125	
Sodium (mg/L)	24.6	100	
Sodium Adsorption Ratio (units)	1.8	4	
Total Hardness (mg/L as CaCO <sub>3</sub> )	36.1	500	
Sulfate (mg/L)	12.8	250	
Total Dissolved Solids (mg/L)	129	500	

**Abbreviations:**

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

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Colorado Springs CO 80908

**Bill To:** Bill Steadman

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7340 Mc Ferran Road  
Colorado Springs CO 80908

**Task No.:** 170607047  
**Client PO:**  
**Client Project:**

**Date Received:** 6/7/17  
**Date Reported:** 6/16/17  
**Matrix:** Water - Drinking

**Customer Sample ID** 10590 Egerton  
**Sample Date/Time:** 6/6/17 4:30 PM  
**Lab No.** 170607047-03

Test (units)	Sample Result	Suggested Maximum	Comments
Total Alkalinity (mg/L as CaCO <sub>3</sub> )	72.1	250	
Bicarbonate (mg/L as CaCO <sub>3</sub> )	72.1	250	
Carbonate (mg/L as CaCO <sub>3</sub> )	< 0.1		
Chloride (mg/L)	3.9	250	
Iron (mg/L)	0.321	0.3	
Fluoride (mg/L)	1.08	4	
Potassium (mg/L)	3.8	50	
Nitrate Nitrogen (mg/L)	< 0.05	10	
pH (units)	7.62	8.5	
Calcium (mg/L)	11.7	200	
Magnesium (mg/L)	1.0	125	
Sodium (mg/L)	24.5	100	
Sodium Adsorption Ratio (units)	1.8	4	
Total Hardness (mg/L as CaCO <sub>3</sub> )	33.4	500	
Sulfate (mg/L)	12.3	250	
Total Dissolved Solids (mg/L)	127	500	

**Abbreviations:**

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

