

See comments on water resources report. Changes to this summary may also be needed.

Table 1: Estimated Groundwater Volumes for White Cottage Farms - Wedding Events Center

Location: NW 1/4 of SW 1/4 of Section 19, Township 11 S, Range 65 W
 Address: 16910 Thompson Road, Colorado Springs, CO - Receipt No.: 5119000007
 Well Permit: 296012
 Elevation: 7,505 ft
 Surface Area: 8.02 Acres
 Number of lots: 1
 Division: 1
 District: 8
 Designated Basin: None
 Management District: None

| Aquifer | Surface Area (Acres) | Net Sand (ft) ¹ | Avg. Specific Yield (%) | Total Approp. Volume (AF) ² | 100-year Ann. Approp. (AF/yr) | 300-year Ann. Approp. (AF/yr) |
|------------------------|----------------------|----------------------------|-------------------------|--|-------------------------------|-------------------------------|
| Upper Dawson (NNT) | 8.0 | 489.50 | 20.00% | 785.16 | 7.85 | 2.62 |
| Denver (NT) | 8.0 | 511.70 | 17.00% | 697.65 | 6.98 | 2.33 |
| Upper Arapahoe (NT) | 8.0 | 241.70 | 17.00% | 329.53 | 3.30 | 1.10 |
| Laramie-Fox Hills (NT) | 8.0 | 199.20 | 15.00% | 239.64 | 2.40 | 0.80 |

Note 1: Estimated saturated thickness taken from SB-5 Bedrock Aquifer Evaluation Determination Tool for the Denver Basin.

Table 2: Estimated Annual Water Use and Pumping Rates - Dawson Aquifer

| Use | Constant | Increment |
|----------------------------|--------------|--------------------|
| Each Well - 7 total | | |
| Domestic Indoor - Home 1 | 0.250 | AF/year |
| Domestic Indoor - Home 2 | 0.250 | AF/year |
| Events ¹ | 0.140 | AF/year |
| Dining Hall ² | 0.140 | AF/year |
| Orchard ³ | 0.060 | AF/year |
| Lawn / Garden ⁴ | 0.500 | AF/year |
| Stock ⁵ | 0.050 | AF/year |
| Total Well Demand | 1.390 | AF/year/lot |

Note 1: Events = 15,000 total maximum guests at 3 gpd/guest
 Note 2: Dining Hall = 125 gpd per 1,000 sq. ft. @ 1,000 sq. ft. facility
 Note 3: Orchard = 30 trees at 0.002 AF/year/tree
 Note 4: Lawn / Garden Irrigation = 0.25 AF/year for each acre, 2 acres total
 Note 5: Stock watering assumes (3) horses at 10 gpd

Total Annual Usage (1 well total) = 1.390 AF/year

Estimated Return Flows through Septic (domestic use only)
 Percent of domestic 90.00% of Home and Mill House Domestic Use
 Volume return 0.702 AF/year

Table 3: AUC-3 Denver Basin Depletion Model - Maximum Depletions Using SB 5-year Timesstep 2019 Model for wells outside of Designated Basins

| Pumping Interval | Formation | Total Depl. (AF/yr) | 100-year pumping period | | Div. 1 Depletion (AF/yr) | Div. 2 Depletion (AF/yr) | Designated Basin (AF/yr) |
|------------------|--------------------|---------------------|----------------------------|------------------------|--------------------------|--------------------------|--------------------------|
| | | | Total Depl. (% of Pumping) | Year of Max. Depletion | | | |
| Pumping Period | Upper Dawson (NNT) | 0.31 | 22.28% | 300 | 0.183 | 0.103 | 0.023 |
| Model Period | Upper Dawson (NNT) | 0.31 | 22.28% | 300 | 0.183 | 0.103 | 0.023 |

Dawson Aquifer - Not-Contributory