Water System Capacity Calculation Scenario 6 — **Sunrise RV Park**

PWS Type:  Community, NTNC, or TNC?  **TNC**
The RV trailer park has 30 RV pads.

1. **Indoor Water Use**
   Number of Residential Connections = 0

   Number of other connections = 32 RV pads (Table 510-1 RV Park)
   => Peak day demand = _100_ gpd per RV pad
   => Total peak day demand = _3,200_ gallons per day = _4_ equivalent residential
   connections (ERCs)
   
   100 gpd per RV pad × 32 RV pads = 3,200 gpd
   3,200 gpd / 800 gpd per ERC => 4 ERCs

2. **Outdoor Water Use**
   Located in Iron County near Cedar City => Map Zone _3_
   Total irrigated acreage = 0 acres

3. **Fire Flow Requirements**
   Fire suppression flow not required.
   Local fire authority name __________________   Contact Info __________________

4. **Existing source capacity = 15 gpm**

5. **Existing storage capacity = _______________ gallons** (assuming 3,000-gallon
   hydropneumatic tank with 50% bladder capacity)  (Calc1)
   
   3,000 gallons × 50% = 1,500 gallons of storage capacity

   (What if this is an unpressurized 3,000-gallon steel tank?)  (Calc2)
   
   3,000 gallons of storage capacity