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 X 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 x 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