

Wildlife Storage

$$\text{each pond } \frac{1}{4} \text{ Ac} = 10,890 \text{ ft}^2$$

$$3' \text{ deep} \times 10,890 \text{ ft}^2 = 32,670 \text{ ft}^3 = 0.75 \text{ AF}$$

$$\text{Total Surface area} = 21,780 \text{ ft}^2$$

$$\text{Evaporation} - 4209 \text{ GPD} \times 360 \text{ days} = 3.4 \text{ AF}$$

$$\begin{array}{rcl} \text{Storage Capacity} & = & 1.5 \text{ AF} \\ \text{Evaporation} & = & \underline{3.4} \end{array}$$

$$\text{Total} = 4.9 \text{ AF}$$