

# Household Water Requirements

## Health & Welfare:

- Personal usage should average 1,500 to 2,000 gallons per person per month
- Family of four – 6,000 to 8,000 per month

## Landscape

- Lot size –  $55 \times 110 = 6,050$  SF
- Reduced by footprint of house – 1,500 SF (Two Story)  
- 2,200 SF (One Story)
- Reduced by Driveway – 700 SF
- Reduced by Sidewalks – 250 SF
- Total landscaped area – 3,600 SF (Two Story) or 2,900 SF (One Story)
- Local lawns need 1 inch of water per week
- 1 inch of water equals 600 gallons over 1,000 SF
- Landscaping requirements for One Story =  $2.9 \times 600 = 1,740$  gal/week
- Landscaping requirements for Two Story =  $3.6 \times 600 = 2,160$  gal/week
- Monthly requirements – One Story = 6,960 gallons  
- Two Story = 8,640 gallons

## Monthly Water Usage Requirements

- Health & Welfare – Family of 4 = 6,000 to 8,000 gallons
- Landscape = 6,960 to 8,640 gallons
- Total Usage = 12,960 to 16,640 gallons