The Ahwahnee Water Principles: Making the Connection Between Water, Land Use and Climate Change
Development Patterns in the San Francisco Bay region

~1850

Green = Wetlands
Red = Urban Area
Development Patterns in the San Francisco Bay region ~1900

Green = Wetlands
Red = Urban Area
Development Patterns in the San Francisco Bay region ~1950

- **Green** = Wetlands
- **Red** = Urban Area
Development Patterns in the San Francisco Bay region ~1990

Green = Wetlands
Red = Urban Area
According to the US EPA, sprawl is one of the greatest threats to our water resources.
Where and How We Grow Is Key
Do Not Cover or Contaminate Areas Important to Groundwater Recharge
Do Grow According to the Ahwahnee Principles for Resource Efficient Land Use

Growing in the form of compact, walkable, mixed use communities consumes less land and reduces the amount of impervious surfaces. This allows water to penetrate the ground and is critical to ensuring sustainable groundwater supplies.
Why do we love the Ahwahnee Land Use Principles? Let me count the ways:

They can: Reduce traffic congestion
Why do we love the Ahwahnee Land Use Principles? Let me count the ways:

They can:

Improve Air Quality

Reduce traffic congestion
Why do I love the Ahwahnee Land Use Principles? Let me count the ways:

Improve Quality of Life

Improve Air Quality
Reduce traffic congestion
**Why do I love the Ahwahnee Land Use Principles? Let me count the ways:**

**Support Economic Development**

- Improve Quality of Life
- Improve Air Quality
- Reduce traffic congestion
Why do I love the Ahwahnee Land Use Principles? Let me count the ways:

Improve and Support Public Health

- Support Economic Development
- Improve Quality of Life
- Improve Air Quality
- Reduce traffic congestion
Why do we love the Ahwahnee Land Use Principles? Let me count the ways:

Reduce Greenhouse Gas Emissions

- Improve and Support public health
- Support Economic Development
- Improve Quality of Life
- Improve Air Quality
- Reduce traffic congestion
Why do we love the Ahwahnee Land Use Principles? Let me count the ways:

Allow Replenishment of Groundwater Supplies

Reduce Greenhouse Gas Emissions
Improve and Support public health
Support Economic Development
   Improve Quality of Life
   Improve Air Quality
Reduce traffic congestion
Why do we love the Ahwahnee Land Use Principles? Let me count the ways:

They bring us back to the Ahwahnee 25 years in a row!

Allow Replenishment of Groundwater
Reduce Greenhouse Gas Emissions
Improve and Support Public Health
Support Economic Development
Improve Quality of Life
Improve Air Quality
Reduce Traffic Congestion
Conserve
Reuse
Recycle

Desalinization as a last resort