A Study by Circulate San Diego has identified a wide variety of benefits to water quality and water supply from infill development.

**Landscaping:**

- Infill development uses less land for landscaping.
- Landscaping and other outdoor purposes contribute between 50% and 70% of household water use.

**Water Infrastructure:**

- Compact infill efficiently capitalizes on existing transmission mains using many short distribution pipes to serve a higher number of smaller lots and people.
- Pipes leak between 6% and 25% of the water pumped through them.
- Long systems that require high amounts of pressure to push water over long distances leak more.
- Compact infill development encourages replacement and puts less pressure on the pipes, which results in less leakage and lower water demand.

**Impervious Surfaces and Water Quality:**

- Infill development uses fewer impervious surfaces, like driveways and connecting roads.
- Fewer impervious surfaces from infill development mean less storm water picking up pollutants, which curbs biodiversity, releases large amounts of sediment, and prevents ground water recharge.