

DEMAND OFFSETS

Water Neutral Development

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ONSITE: Minimize demand

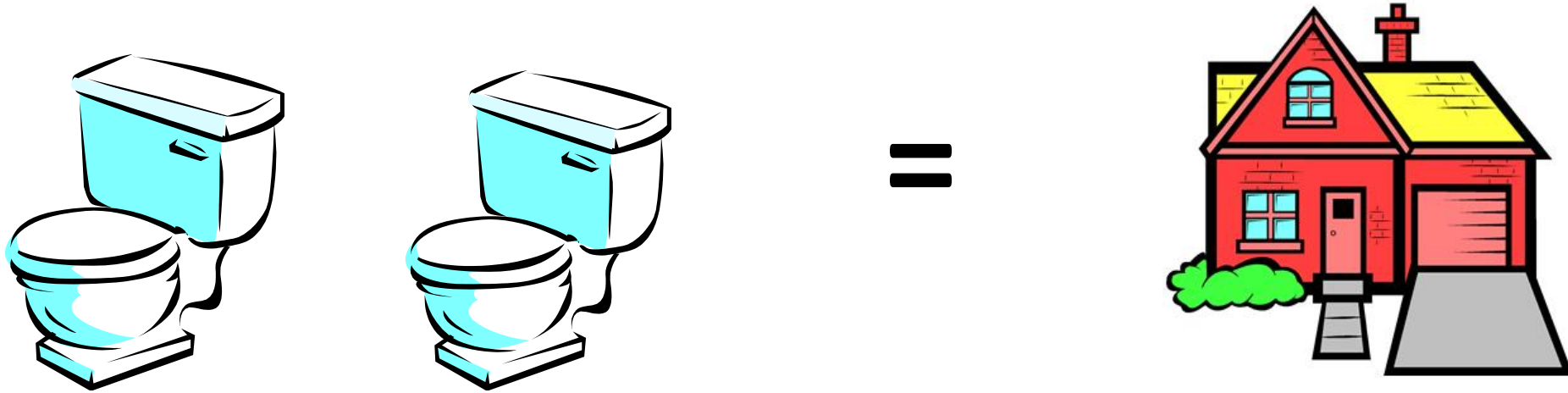
- Low flow fixtures & irrigation controllers
- Greywater systems/recycled water

OFFSITE: Offset remaining demand

- Existing service area
 - Toilet and fixture retrofits
- Fees to fund new supplies
 - Recycled water, stormwater capture



OFFSET RATIOS



Uncertainty: 2:1 to 10:1

EXAMPLES

DROUGHT: Cambria, Lompoc, Napa, Oxnard, Santa Monica, St. Helena

GW OVERDRAFT: Soquel Creek WD, San Luis Obispo County

UNPLANNED GROWTH: East Bay Municipal Utility District

OTHER: Camarillo, Clovis, Santa Cruz County LAFCO, Victorville Water District, Watsonville

OUTSIDE CA: Santa Fe, NM; Tuscon, AZ; Massachusetts, England



BENEFITS

- **AVOID MORATORIUM**
- **INCENTIVES: EFFICIENCY & NEW TECHNOLOGY**
- **IMPROVE EXISTING COMMUNITIES**
- **INCREASE CONSERVATION RELIABILITY**



CHALLENGES

- **COST & JOBS**
- **DECLINING RETROFIT OPPORTUNITIES**
- **DEMAND HARDENING**
- **ENFORCEMENT**
 - Backsliding: Water budgets & CCRS
 - Passive enforcement



QUESTIONS