

# Windsor's Dual Water System Brings Balance to Major Growth Challenges

Kristie Melendez, Mayor of Windsor





# History

1994: Water Valley becomes Windsor's first development to propose building a dual water distribution system.

1995: Data for existing homes showed that approximately 50% of total water use was for indoor use.

2003: Passed ordinance requiring secondary water systems for irrigation of new residential development within the Town of Windsor urban growth boundary.

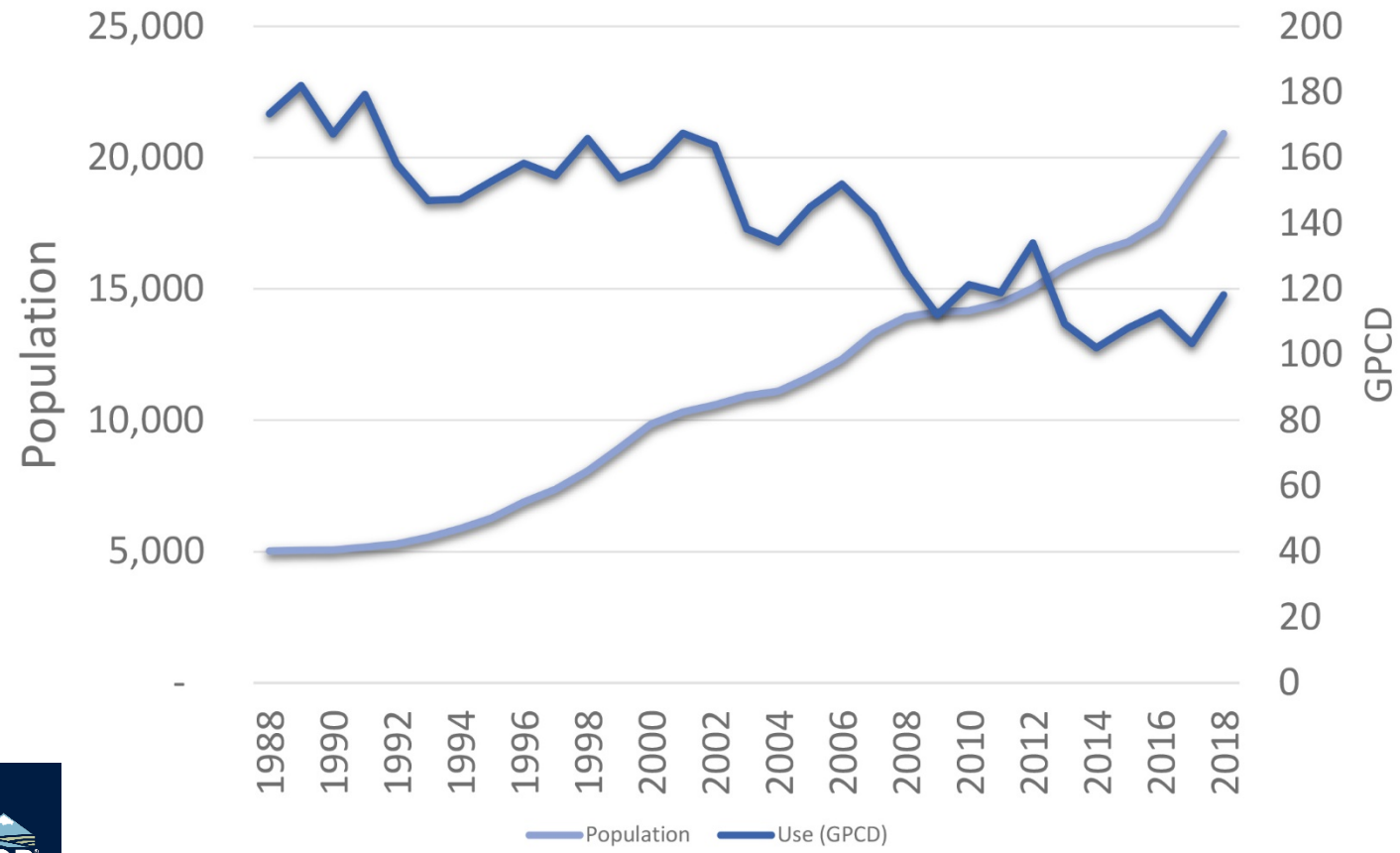


# Ordinance

- Mandatory construction of non-potable secondary water systems for irrigation
- Systems privately managed by metropolitan districts, HOAs, or other public or private entity subject to approval by the Town of Windsor
- Established geographical areas where non-potable systems shall be required
- Construction of non-potable secondary water systems shall be a condition of annexation



# Water Usage (GPCD) Compared with Population







# Benefits

- Benefits the ditch company and ag users – keeps water in the ditch and maintains the ditch.
- Stretches the capacity of existing water treatment plants and delays the need to upgrade facilities or build new ones.



# Benefits

- Reduction in peak summer demands keeps costs of potable treatment lower.
- Keeps water in the river – supplies are not exchanged or diverted elsewhere for treatment.
- Environmental benefits – reduced chemical use, reduced transportation of supplies, reduction in harmful residuals processing



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