

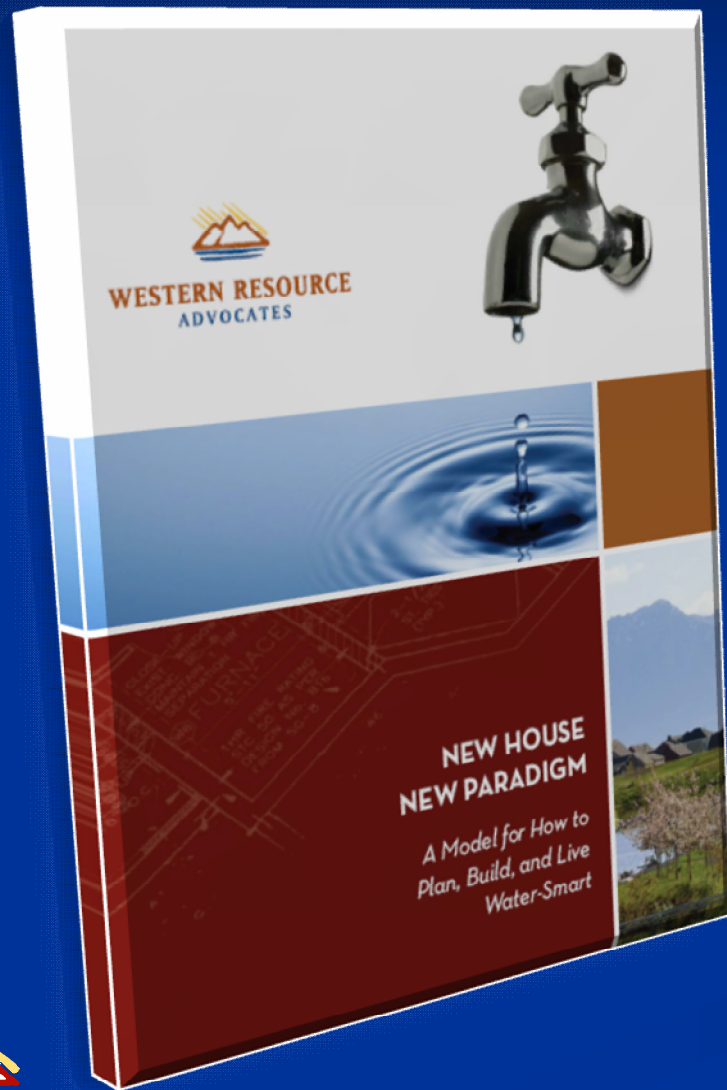
Case Studies in Water-Smart Development

Drew Beckwith, Water Policy Analyst
Western States Water Council Annual Forum
September 29, 2009



WESTERN RESOURCE
ADVOCATES

New House, New Paradigm



- Integration of
 - smart planning,
 - green building, and
 - on-going programs
- Existing developments provide case-studies

Water-Smart Developments



DEVELOPMENT	OCCUPIED HOMES (2008)	HOMES AT BUILD-OUT (20-50 YEARS)
Civano I & II (AZ)	725	2050
Daybreak (UT)	2200	20,000
Oshara Village (NM)	30	175
Rancho Viejo (NM)	1200	12,000
Stapleton (CO)	3500	12,000
Sterling Ranch (CO)	0	12,050



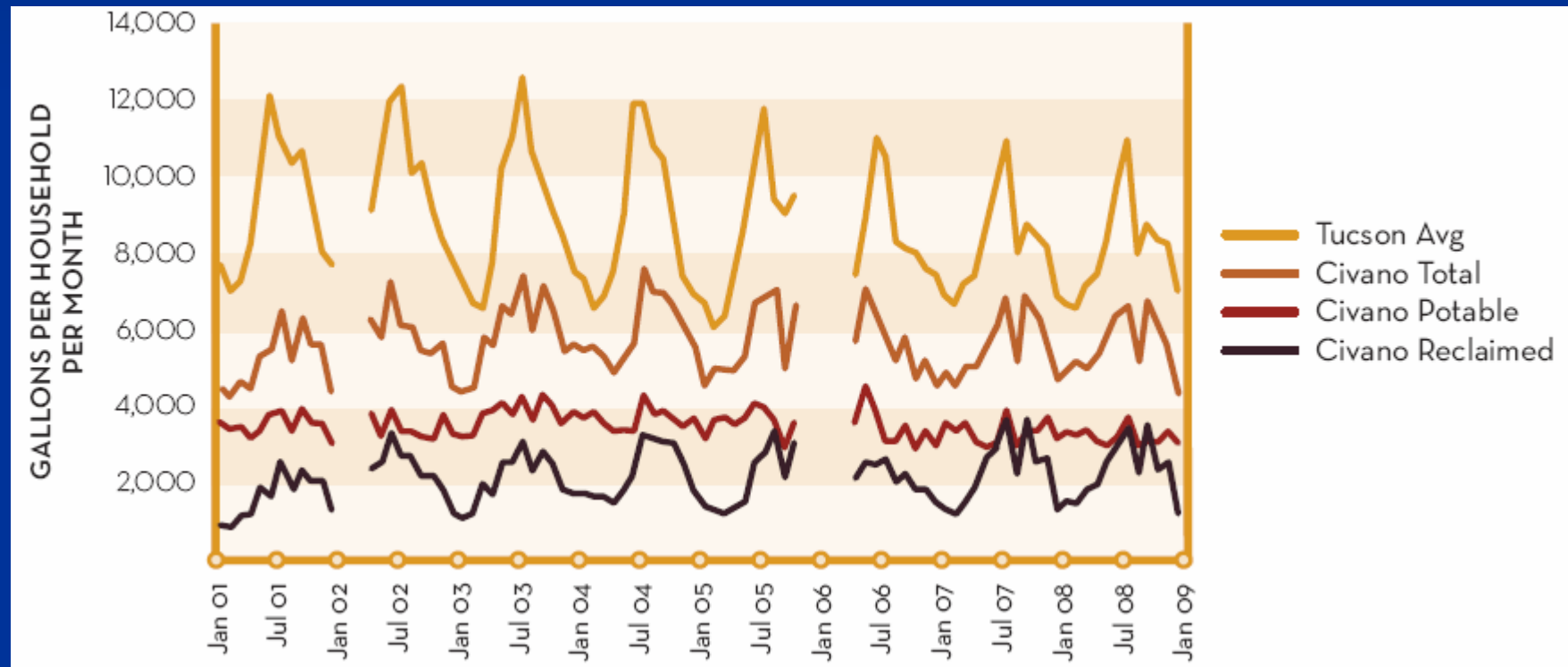
Civano, AZ

- IMPACT System
- Energy/Water Reports
- Specified Plant List
- Alt. Supplies



Civano Water Use Data

- Civano, AZ – 85 gpcd v. 130 gpcd



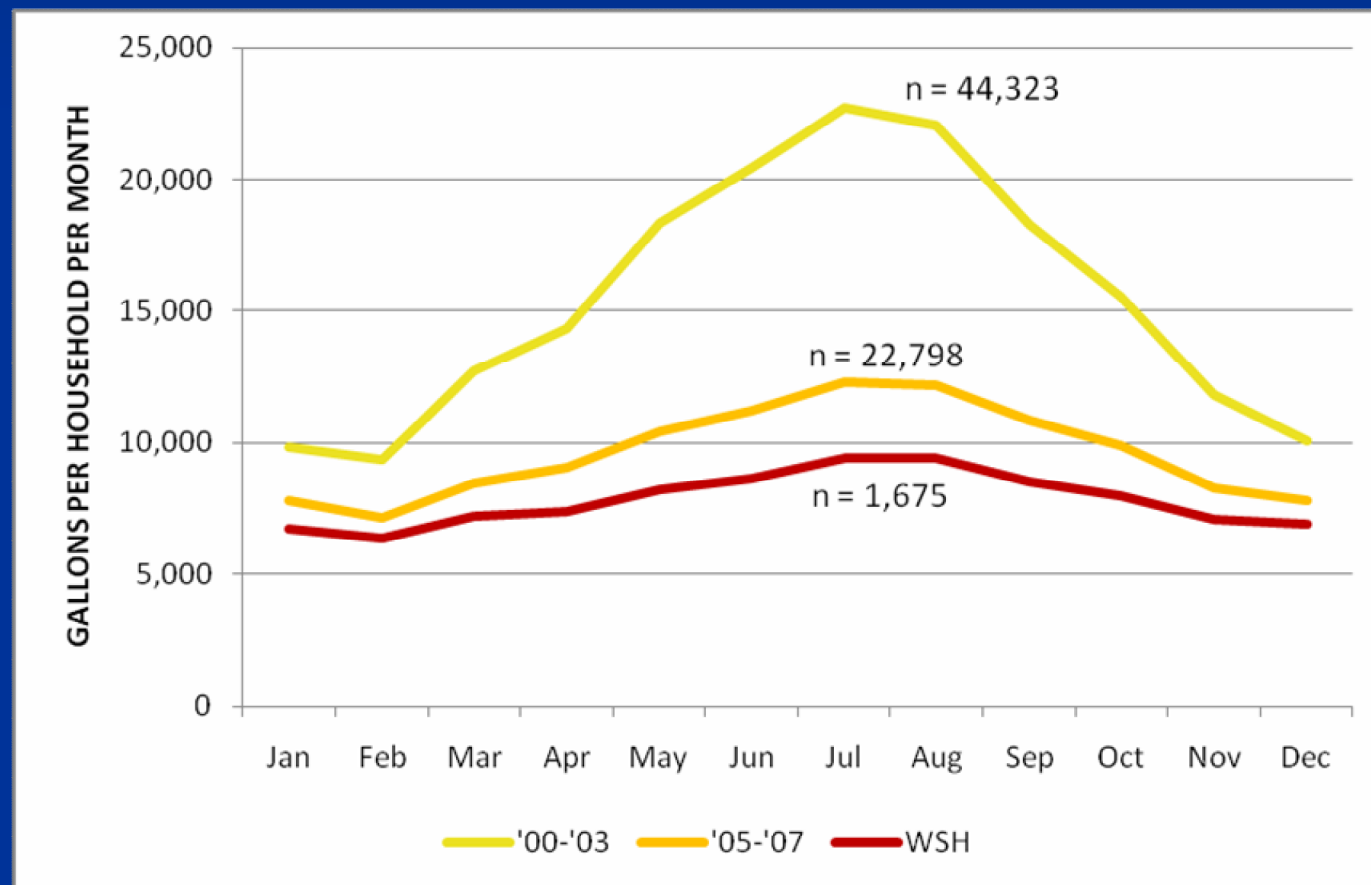
SNWA Water Smart Homes

- Partner w. SNHBA
- Community Scale
- Indoor and Outdoor Reqs.



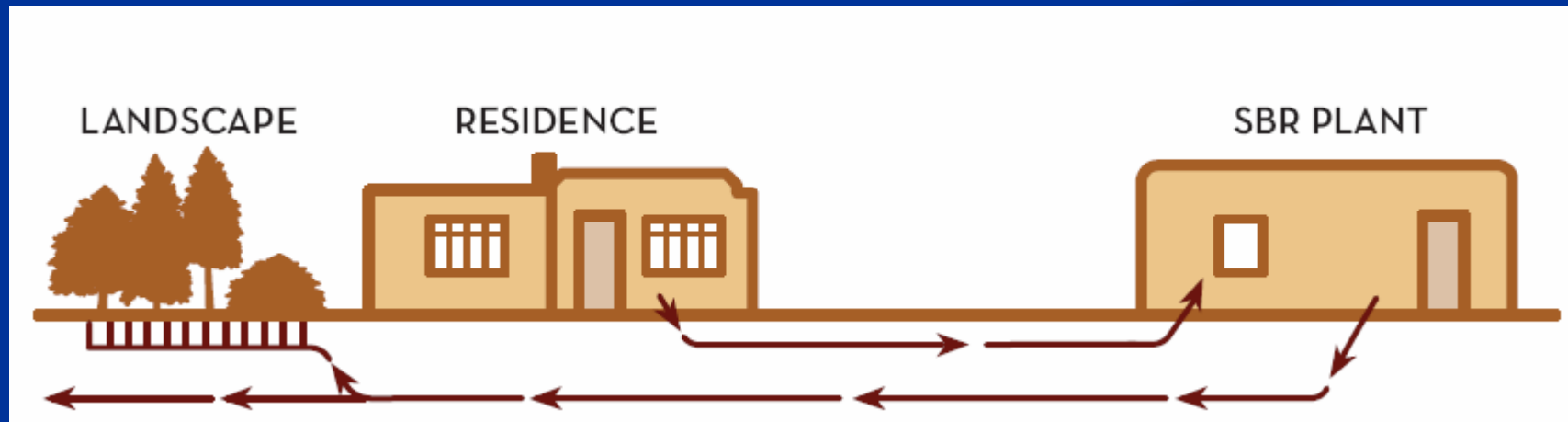
SNWA Water Use Data

- SNWA WSH Program, NV – 114 gpcd v. 141 gpcd



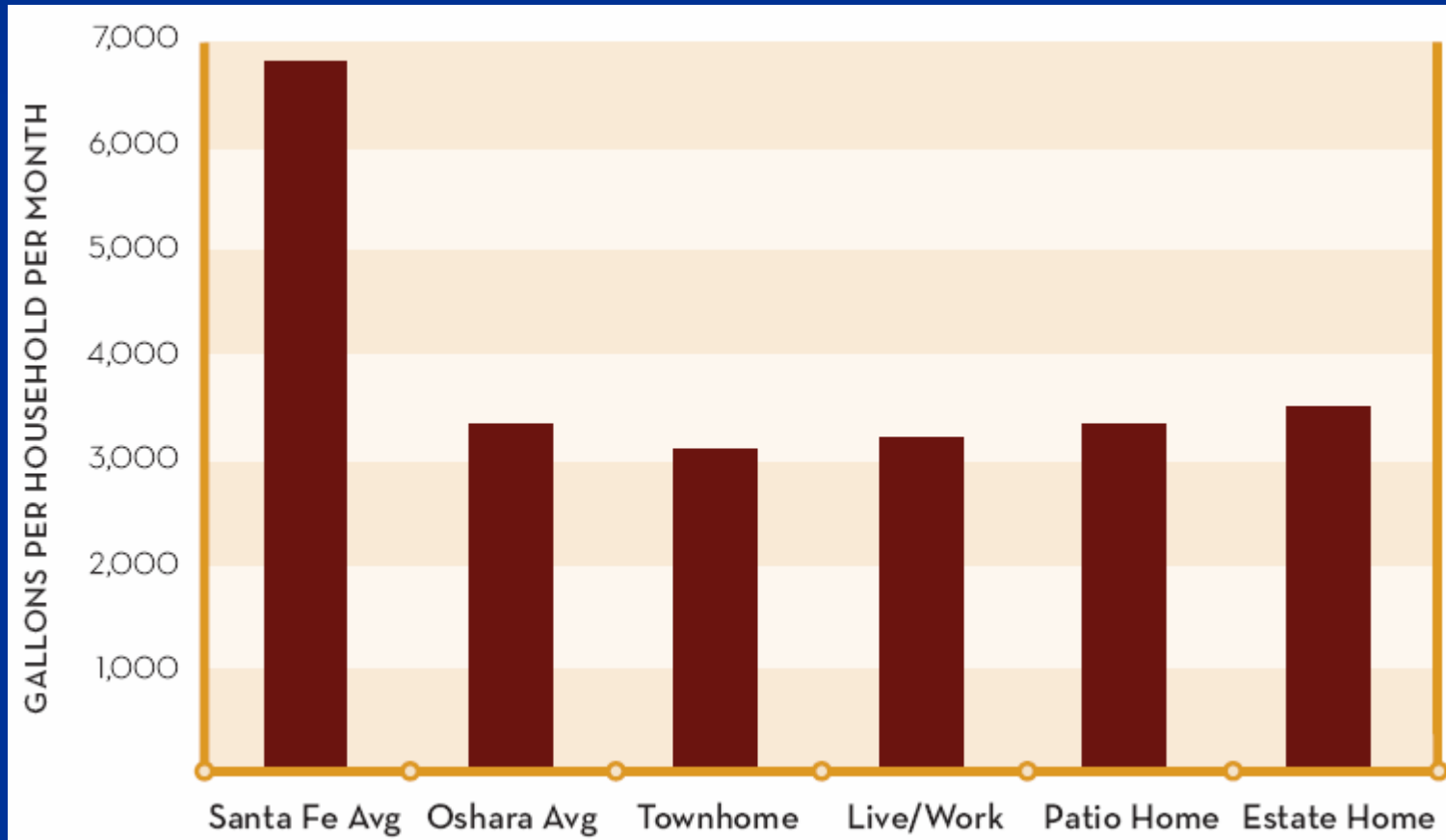
Oshara Village, NM

- Strict CCRs
- Individual Budgets
- On-site Wastewater Treatment



Oshara Water Use Data

- Oshara Village, NM – 50 gpcd v. 101 gpcd



Take Home Messages

- Land Use Planning = New Water Supply
- Holistic integration required
- Feasible and Desirable



Questions & Comments

“New House, New Paradigm”

is available online at:

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