This presentation premiered at WaterSmart Innovations

watersmartinnovations.com





Codification of Water Ratings

Doug Pushard



City of Santa Fe – THE OLD WAY

- Permitting Code (e.g. UPC, IRC) with ongoing inspections
- Green Building Code with limited inspections
 - 30+ pages, started in 2009
 - Landscape restrictions
 - Water fixture restrictions
 - Mandatory energy (HERS) rating numbers
 - Lower fee structure for buildings meeting green code
 - Multi-year process to update
- No relationship with Water Conservation efforts

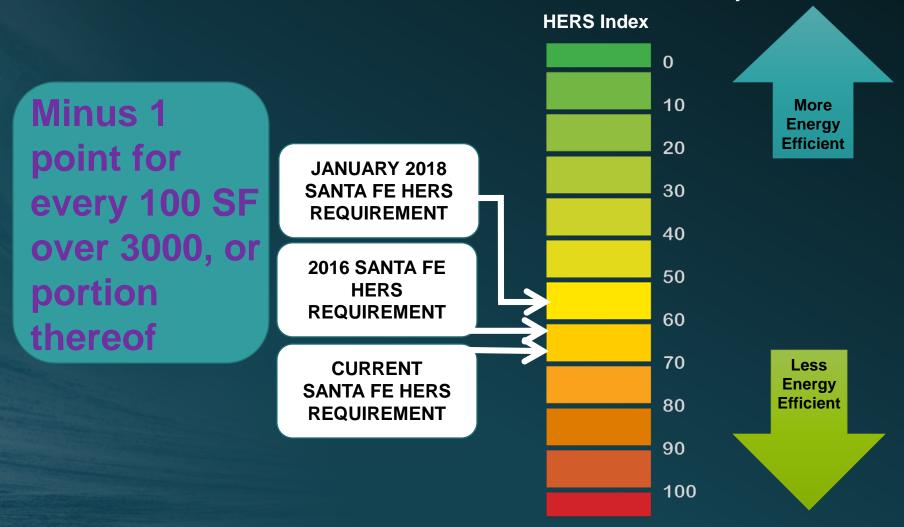
Home Energy Rating System (HERS)

- Started in 1995
- Rates a home's energy usage, so can compare one home to another
- 3rd Party verified
- Santa Fe integrated into Green Code in 2006
- Nationwide 2M+ homes have been rated



Santa Fe Green Code 2016 Update

WERS



What is the Water Efficiency Rating Score?



WERS Overview

2017

WERS

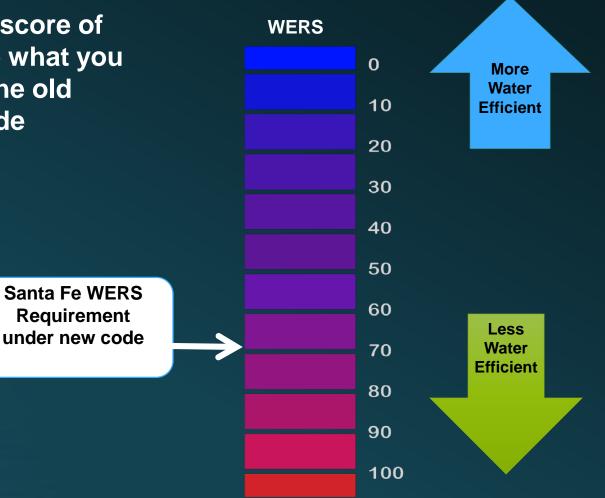
What does WERS do?

- Calculates ALL water of a property or multi-tenancy building
- Calculates all the different water sources and provides a way to model impact of different source water
 - Potable Water
 - Rainwater
 - Greywater
 - Blackwater
 - Stormwater
- Integrates water!
- Provides a water rating # for a home

Santa Fe Green Code 2016 Update

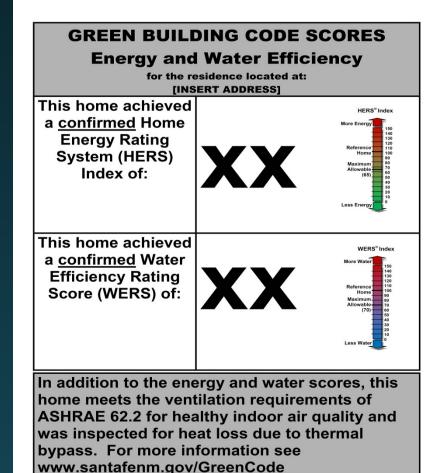
The new required score of 70 is very close to what you would get under the old green building code

Allows builders to get used to the system before increasing the efficiency requirement



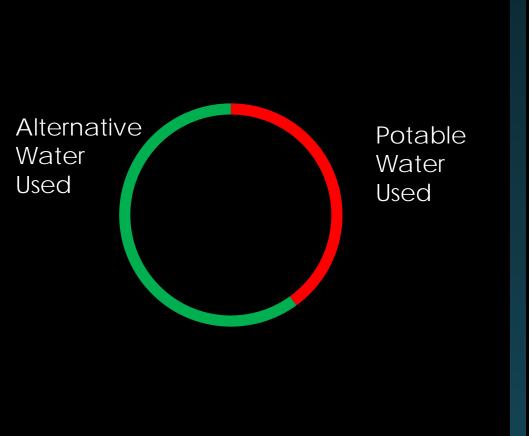
City of Santa Fe – THE NEW WAY

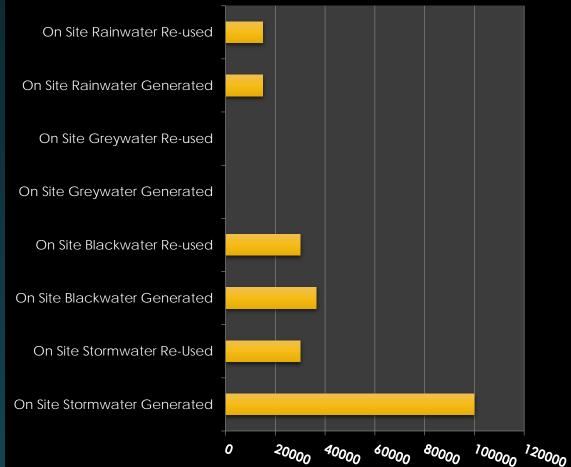
- Integrates Land Use Code and Water Conservation
- Reduces the requirement for specialized training of city personnel
- Simplifies inspection and code updating process
- Provides builders, architects, home owners more choice
- SAVES WATER





WERS Dashboard





Water Efficiency Rating Score (WERS)

- WERS is a tool and verification system from the Green Builder[®] Coalition, a green building non-profit since 2010
- Technical Advisory Board includes individuals from NM, FL, IL, MO, DC, and MA
- Green Builder[®] Coalition updates the tool, certifies 3rd party Verifiers, provides and provides on-going reports to agencies
- City of Santa Fe Land Use Katherine Mortimer
- Green Builder[®] Coalition Mike Collignon
- Santa Fe Area Home Builders Association Kim Shanahan
- Santa Fe Water Conservation Christine Chavez

Questions?