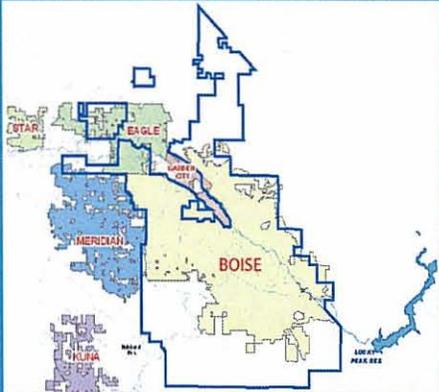




# United Water Idaho

Treasure Valley CAMP  
Advisory Committee Meeting #3  
June 10, 2010

## United Water Idaho at a Glance

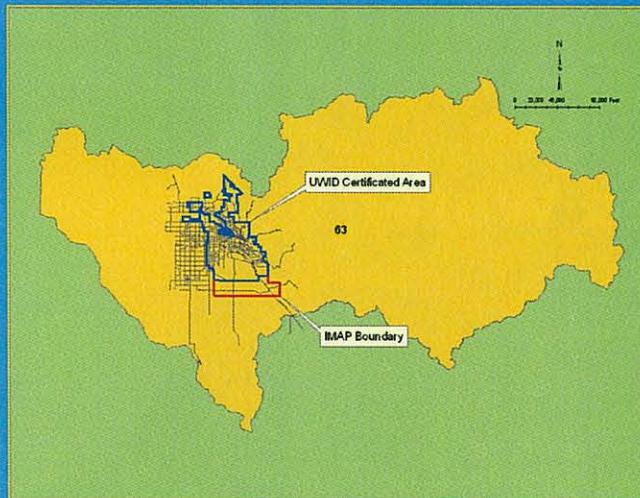


- 98 employees
- 84,000 connections
- 240,000 population served
- 1,200 miles of mains
- 14.6 B gallons produced (2009)
- \$35.2 M revenues (2009)
- \$5.4 M annual payroll
- \$380,000 annual payroll tax
- \$1.4 million annual property tax
- \$950,000 City franchise fee



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## Basin 63/UWID Cert. Area & IMAP Boundary



## Conservation & Water Supply Management

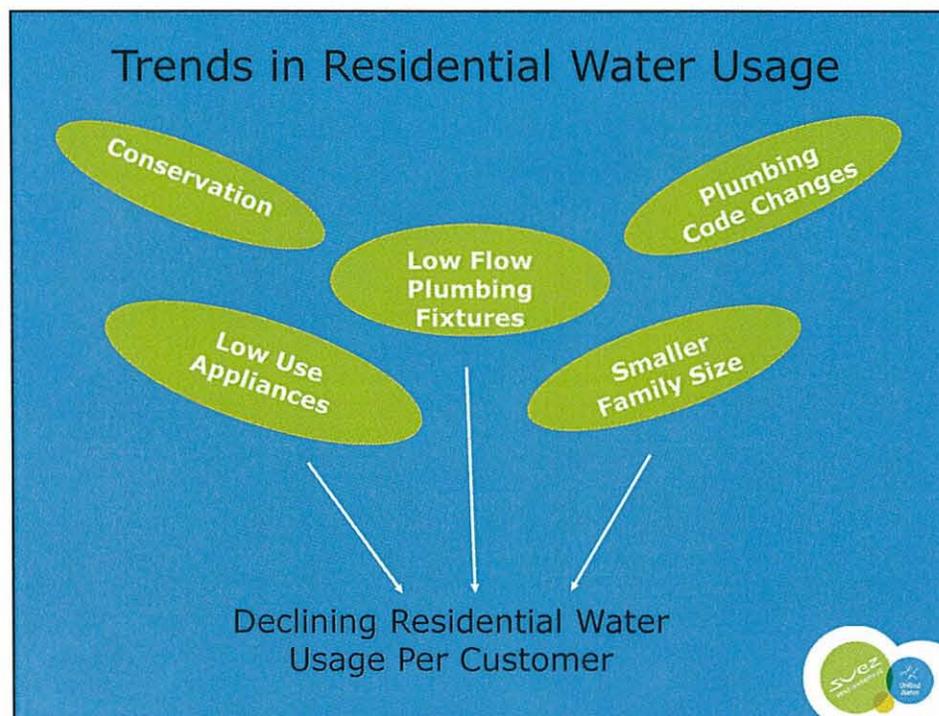
- 1994 – National plumbing code changes
  - Low flow/use devices and appliances
- Mid-1990's - City & County pass dual water system ordinances
  - Development over formerly farmed lands must use non-potable surface water for landscape irrigation
  - Currently 75% of new customers
- United Water Leads with Conservation Programs ; mid-90's forward
  - Communication
  - Education
  - Xeriscape
  - Devices



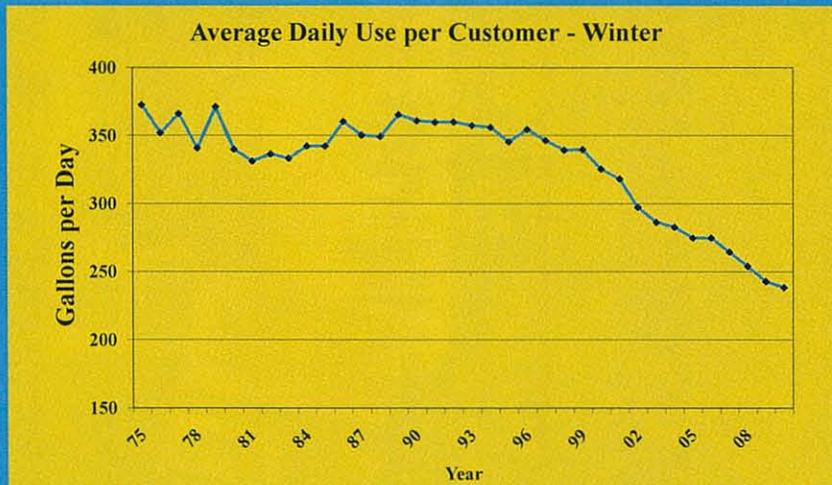
## Conservation

- Annual newspaper insert
- TV commercials
- Bill message
- Targeted messages to Hidden Springs
- Education programs in schools / neighborhoods
- Demonstration Gardens
- Free water saving devices
- Commercial kitchen retrofit

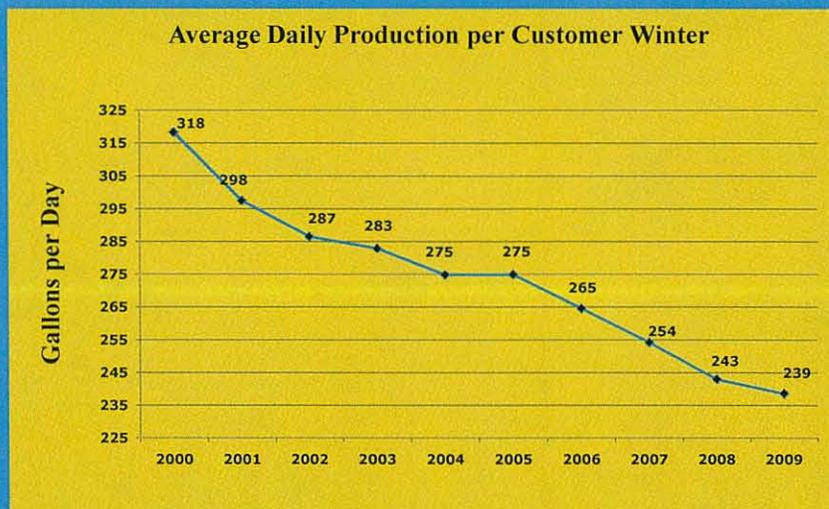
vez  
water saving  
United Water



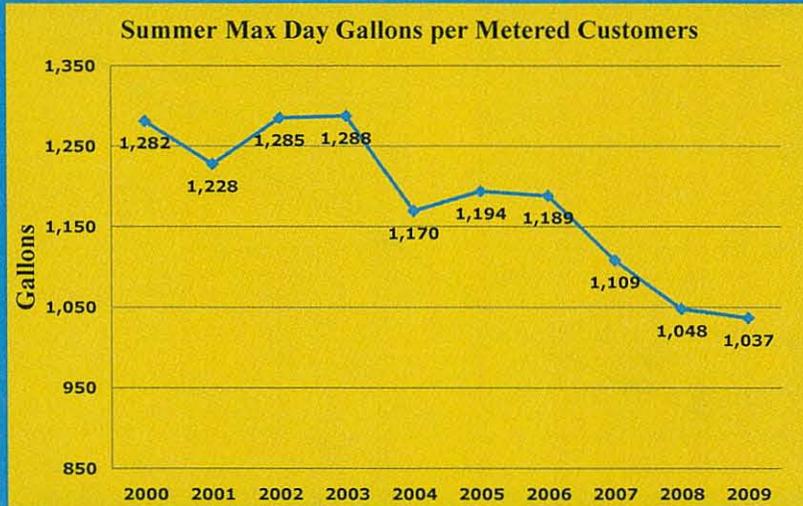
## Winter Water Use Per Customer



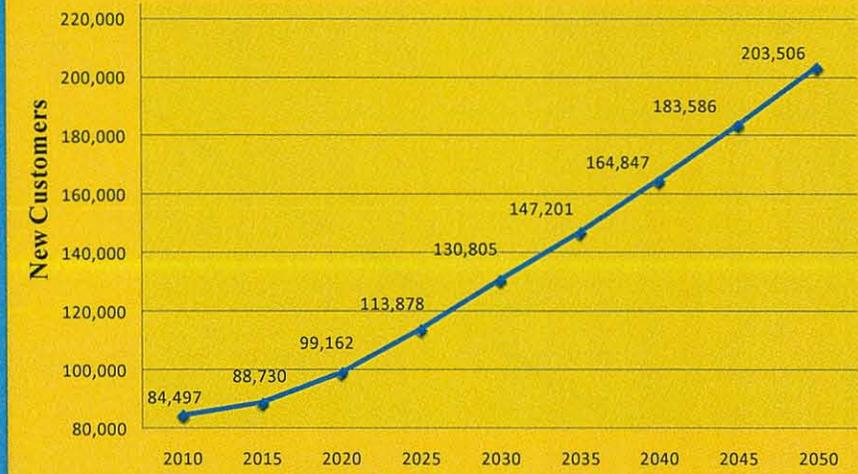
## 25% Lower Winter Water Use

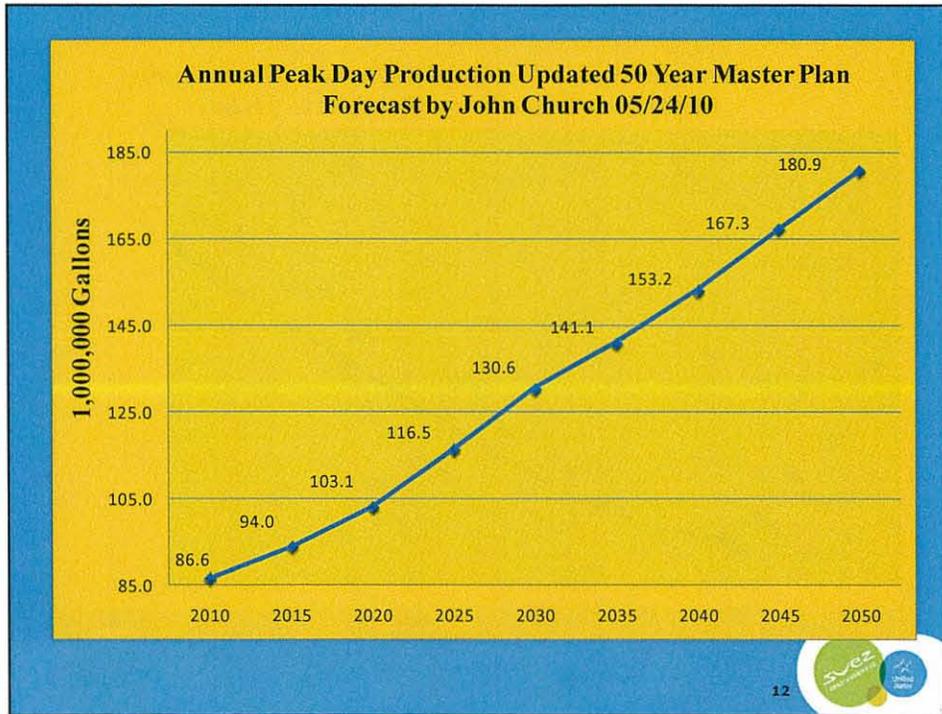
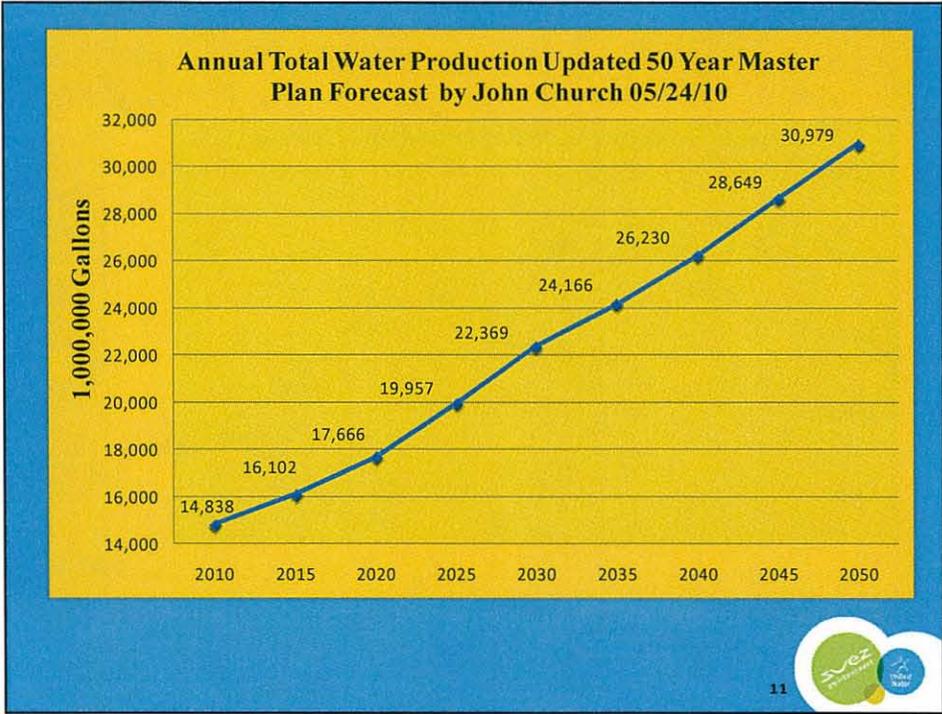


## 19% Lower Summer Water Use



## Annual Average Numbers of Customers Updated 50 year Master Plan Forecast by John Church 05/24/10





## Using Technology for Efficiency & Sustainability

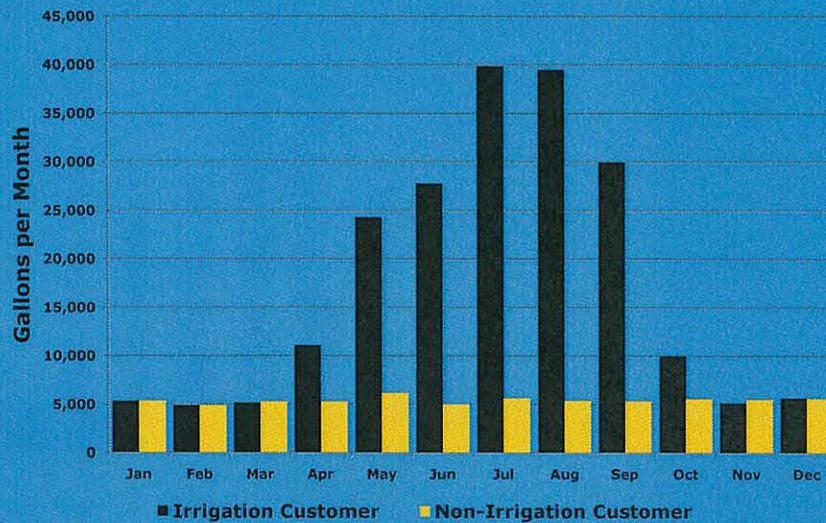
- Automated meter information pilot
- GPS in vehicles and for as-built drawings
- Digital data capture on new construction and flushing program
- Initiated a Sustainability Working Group to evaluate and implement reduce, reuse, and recycle opportunities
- Utilizing Idaho Power energy saving incentives



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## Irrigation Vs. Non-Irrigation Customers



09/06/2010

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### Potable Water "Saved" with Non-Potable Irrigation Supplies Data From 2009 Fixed Network Pilot

Customer Types	Average Annual Water Use	
	Gal/Yr	Acre-Ft/Yr
Non-Irrigation Customer (Base 31%)* * Returns to river through WWTP	65,300	.0200
Irrigation Customer (69%)	<u>209,300</u>	<u>0.642</u>
Difference in Annual Water Use	144,000	0.442
Non-Irrigation UWID Customers	<u>15,000+/-</u>	<u>15,000+/-</u>
Total Potable Water "Saved"	2,160,000,000	6,629

09/06/2010

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### Source of Supply – Today and Tomorrow

- Nominal delivery capacity is 97.5 million gallons/day
- 70% groundwater - 30% surface water
- Peak summer use is over 4x average winter use
- ASR – augment summer supply & mitigate water quality issues
- Maintain and enhance sources of supply by adding wellhead treatment
- SRBA – preserve water rights portfolio
- Seeking new well in western part of the system
- Capacity expansion at Marden and Columbia plants remain options



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