

Utah's Regional M&I Water Conservation Goals



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Executive Water Finance Board
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Division of Water Resources

Division Mission

- Plan, conserve, develop, and protect Utah's water resources

Project Purpose

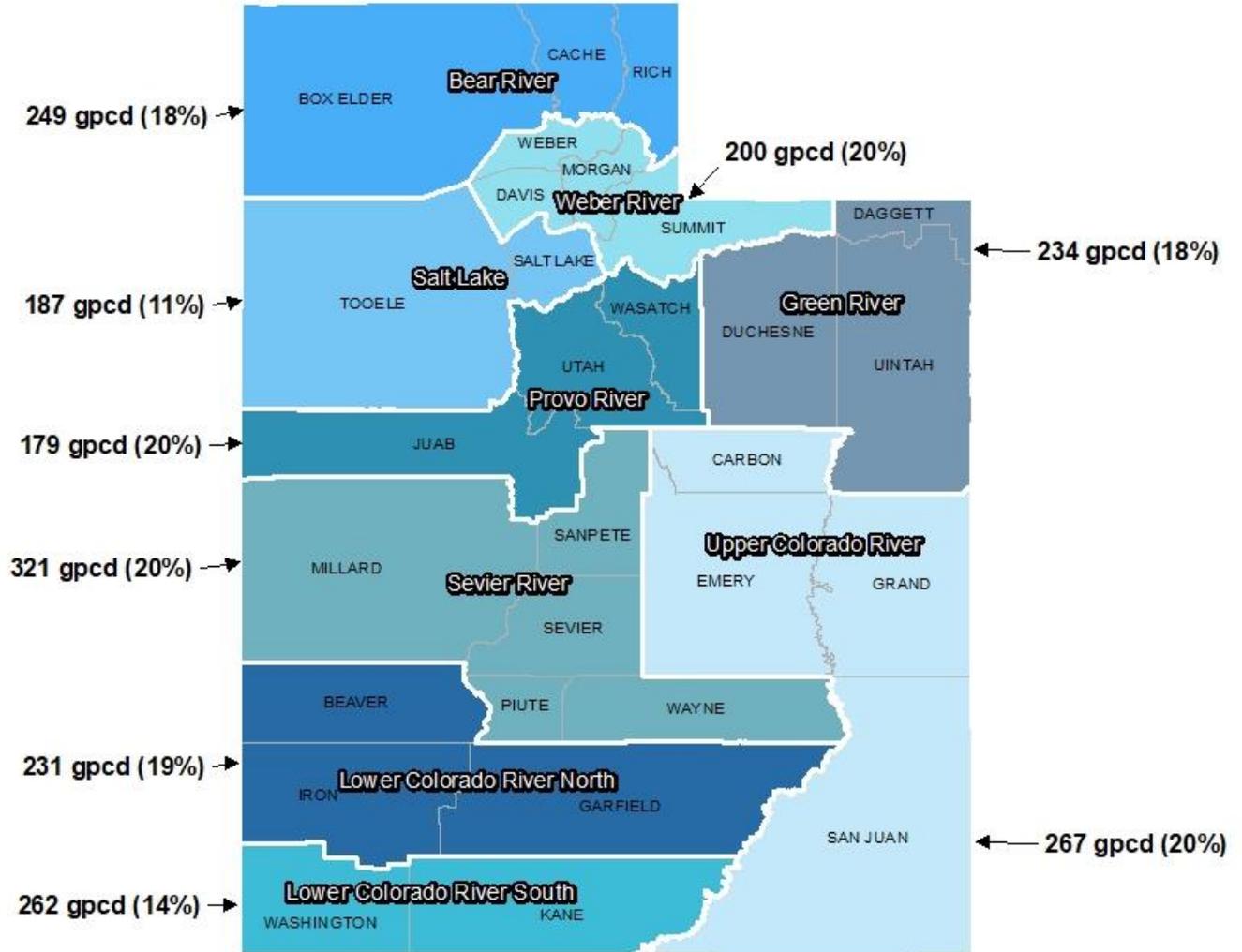
- Propose regional boundaries, goals, and practices for M&I water conservation





How did we get here?

9 Regions DRAFT



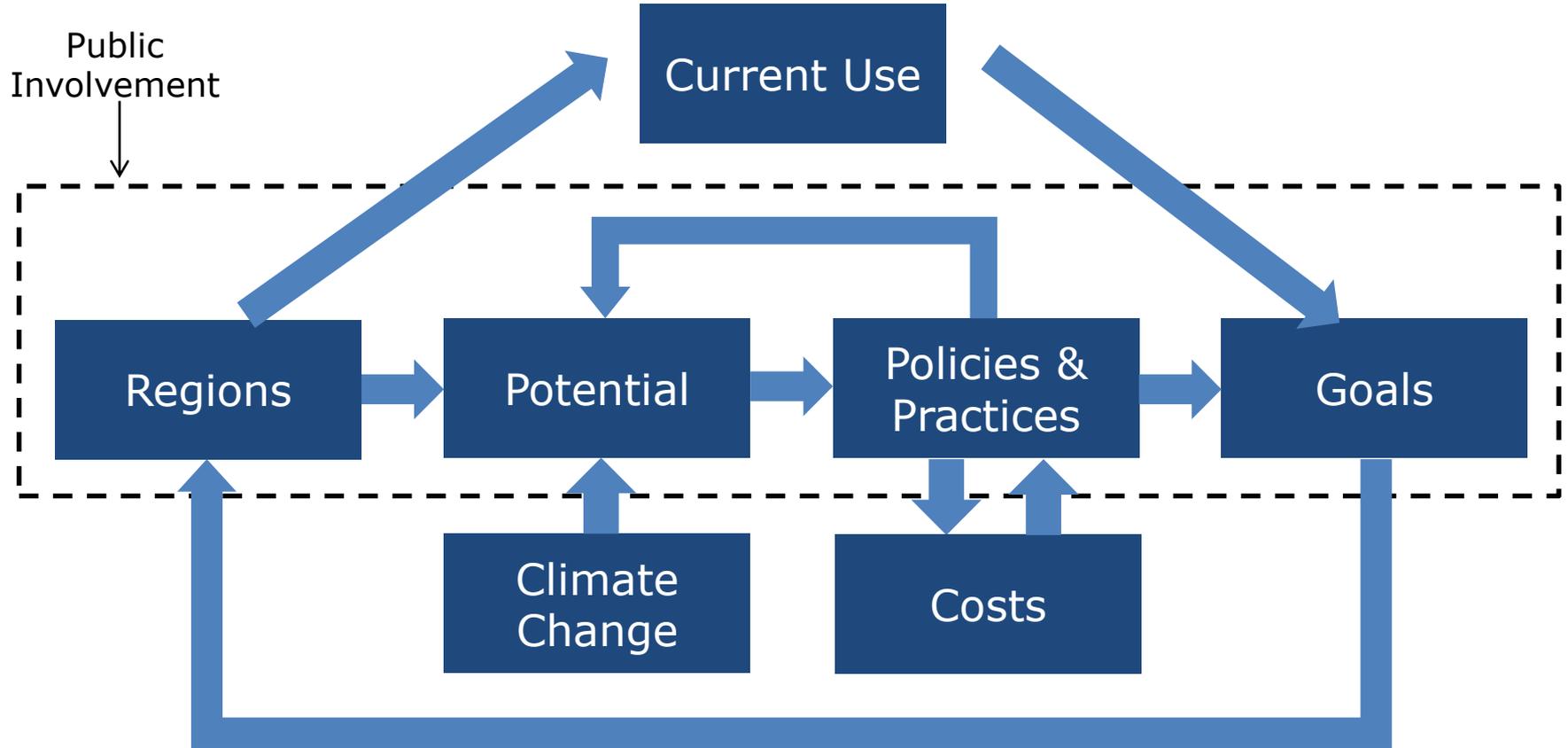
Goals for 2030 **DRAFT**

Region	2015 Baseline (gpcd)	2030 Goal	
		Goal (gpcd)	Reduction from 2015
Bear River	304	249	18%
Green River	284	234	18%
Lower Colorado River North	284	231	19%
Lower Colorado River South	305	262	14%
Provo River	222	179	20%
Salt Lake	210	187	11%
Sevier River	400	321	20%
Upper Colorado River	333	267	20%
Weber River	250	200	20%
Statewide	240	202	16%

Regional M&I Water Conservation Goals

- ✓ Municipal and industrial water use
- ∅ Future water supply
- ∅ Agricultural water use
- ∅ Environmental water use

Goal Setting Process

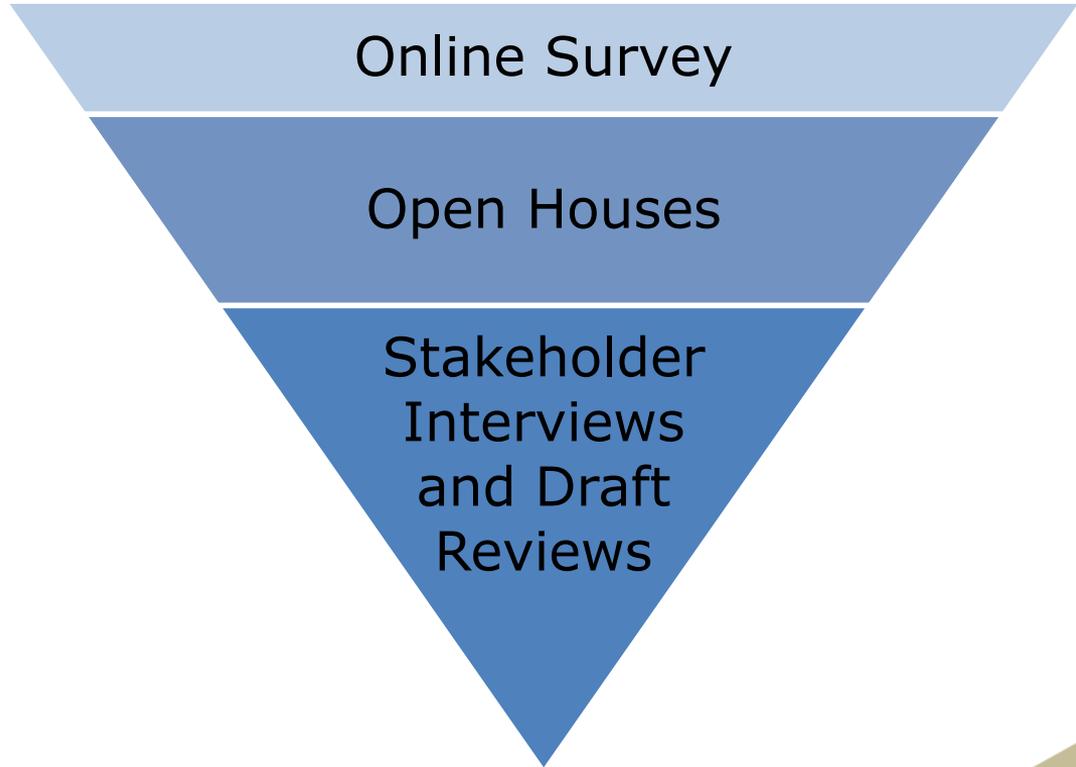


Public Involvement

Broad and Brief



Deep and Focused



Online Survey

Open Houses

Stakeholder
Interviews
and Draft
Reviews

Open Houses



Open House and Stakeholder Concerns

- Landscaping practices
 - Water use culture
 - Goals are too hard or too easy
 - Water use data management
 - Funding for conservation
 - Water rates and price signals
 - Credit for past water conservation efforts
- 

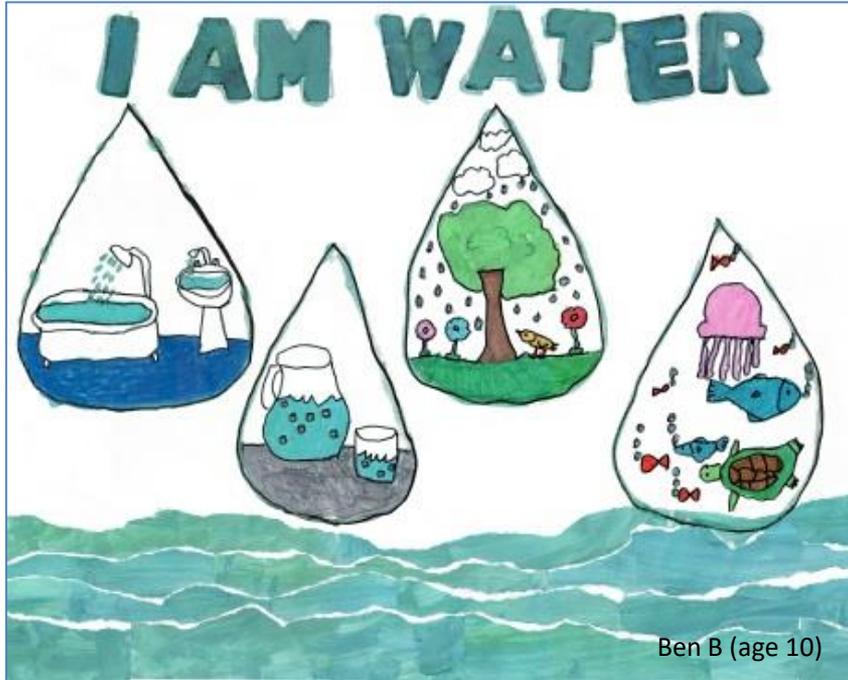
Water Conservation Potential

(Both market trends and policy interventions)

- Population growth and development density
 - Increase in indoor efficiency
 - Fixture and appliance conversion
 - Increase in outdoor efficiency
 - Landscape change
 - Climate change
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Recommendations

Recommended General Practices



- **Continued Emphasis on Conservation Education**
- **Improved Conservation Pricing**
 - Lower base rates
 - Increasing tiers
 - Social norming

Recommended Indoor Practices



- Convert fixtures and appliances to high efficiency
- Fix indoor leaks
- Change in indoor water use habits

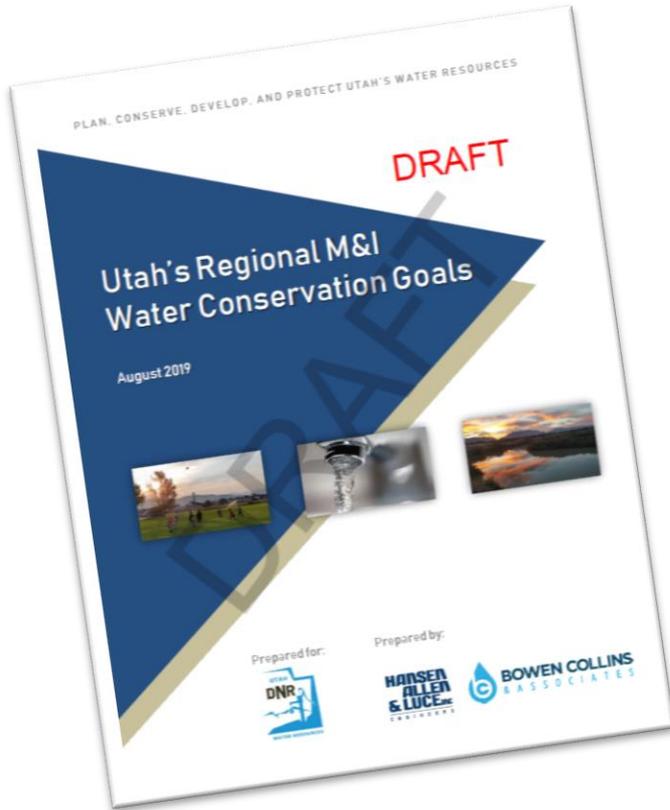
Recommended Outdoor Practices



- **Improved irrigation efficiency**
 - Comprehensive secondary metering
 - Smart irrigation controls
 - Drip irrigation systems
- **Minimize cool-season turf, maximize water-wise landscaping**
 - Water-wise new construction
 - Convert existing landscapes
- **Lot size and density guidelines**
 - Allow smaller lot sizes
 - Less irrigated area

Key Clarifications

- ∅ Utah's per-capita water use should not be compared to other states
- ∅ The regions should not be compared to each other
- ∅ Current water use should not be compared to 2000 water use
- ✓ **Achieving the goals will require concerted effort of policy leaders, water suppliers, and water users**



Draft report available
water.utah.gov

Thank You

