



Our Water. Our Future. Our Choice.

The purposes of the District include planning for and facilitating the long-term conservation, development, protection, distribution, management, and stabilization of water rights and water supplies for domestic, irrigation, power, manufacturing, municipal, recreational and other beneficial uses, including the natural stream environment, in a cost-effective way to meet the needs of the residents and growing population of Cache County. www.cachewaterdistrict.com

CACHE WATER DISTRICT BOARD OF TRUSTEES MEETING MINUTES September 13, 2021

The Cache Water District Board of Trustees convened for a regular meeting on Sept. 13, 2021, at 5:30 p.m. in the Cache County Historic Courthouse Council Chambers, 199 North Main Street, Logan, Utah.

MEMBERS OF THE BOARD IN ATTENDANCE:

Don Baldwin – Agricultural Representative
Scott Clark - Logan #2 Council District
Jonathan Hardman – South Council District
Kirt Lindley – At-Large Position
Max Pierce – North Council District
Bret Randall – Northeast Council District
Jeannie Simmonds – Logan #1 Council District
Shaun Dustin – Southeast Council District

MEMBERS OF THE BOARD ABSENT:

Jared Clawson – At-Large Position
Brett Roper – At Large Position
Herm Olsen – Logan #3 Council District

OTHERS IN ATTENDANCE:

Nathan Daus (Manager), Mike Wilson (CRS Engineers), Scott Archibald (Sunrise Engineering), Steven Wood (Sunrise Engineering), Joe Hawkes (Logan City).

CALL TO ORDER

The meeting was called to order by Chairman Hardman at 5:30 p.m.
Consideration for minutes from June 7, 2021, and agenda for September 13, 2021.

ACTION: Motion by Mr. Randall to approve the agenda and the minutes as submitted. Seconded by Mr. Baldwin. The motion was approved unanimously.

PUBLIC COMMENT

None

FINANCIAL REPORT

See [-Attachment 1-](#)

Ms. Simmonds said the travel and mileage category is high due to individuals attending conferences. Some of these funds can be adjusted to come out of the travel budget. She will work with Mr. Daug's to ensure that the water study funds are allocated to the correct project(s).

CALENDAR EVENTS

- Sept. 20 – CWD Board Social 6:00 p.m.
- Oct. 6 – Cache Water Users year-end meeting @ Cache Co. Events Center - 6:00 p.m.
- Oct. 8 – Ag. Water Optimization - 10:30 a.m. (will send out an electronic link)
- Oct. 12 – Utah Water Users Fall Symposium in Provo 8-4.
- Oct. 13 – Utah Water Task Force - 1:30 p.m.
- Nov. 3 – Special District Training @ Utah Valley Convention Center 1-5 p.m.

MANAGER'S REPORT

Update on Logan River Watershed EA

Currently evaluating and waiting for the cost of the possible alternatives before they are finalized; should be completed in the next couple of months, after which they will be written up and submitted.

Update on Wellsville/Mendon Watershed EA

Will meet in the next few weeks to evaluate the alternatives. The draft will likely be done next Spring.

New PL-566 Projects

Mr. Pierce will meet with Sunrise Engineering in a couple of weeks about some potential projects.

NRCS has changed the submittal process. Instead of hiring a consultant to work on putting together a full application, they are requiring the sponsor of a project to submit a letter of request for a study to be done. NRCS will do the preliminary study to determine the feasibility of the project to move forward to the EA process. Mr. Daug's is working on one now for the Porcupine-Hyrum Dam area (Hyrum, Avon, and Cache County) which will involve several canal companies. The letter should be submitted next month.

The Cove and Richmond area also have some flood issues.

Ms. Simmonds asked about financial obligations. Mr. Daug's explained that if a project moves forward, it is paid 100% by cost-share (entities who benefit from the project), after the design is done, it is submitted for construction. The basic breakout is - flood control- 100%, irrigation projects - 70%, and recreation projects - 50%.

If the District becomes involved in several projects, there may be a need to figure out a more efficient tracking system.

Mr. Dustin asked if there are any provisions to collect an administrative charge to pay for the administrative overhead. Mr. Daus said that can be added to the contracts if the District begins to take on more projects.

Drought Review

Mr. Daus asked the Board what the role of CWD should be. He has taken many calls in the last few months and answered many questions. There is a meeting scheduled for October 6 with the canal companies to discuss how the District can be most helpful. Mr. Clark noted that the District does not have any authority but can provide support and resources. He suggested increasing resources in areas that are lacking. Ms. Simmonds suggested creating an information/education component for citizens. Mr. Baldwin said the function should not be to police matters but to be able to provide helpful information. He said metering should be encouraged to help with measurement and regulation.

Bear River Benefits

Mr. Daus said the Great Salt Lake Task Force hired a firm to create a 1-page summary of the benefits of the Great Salt Lake. He said it is important to similarly outline the benefits (agriculturally, economically, and environmentally) of the Bear River. There will be many agencies that will need to work together to put all the information together. It will likely be a 6+ month process and ready for the next legislative session. Mr. Clark said this will help provide a better perspective of the big picture. Mr. Randall said that has been a debate at the state legislature for decades; the Wasatch Front has always been a priority. He pointed out that the Bear River affects three states. Mr. Daus said there are many different ideas about how to alleviate the issues. Mr. Randall said the only way to effectively make this work is to involve money and point out potential savings for conservation; “the legislature is great to talk the talk, but it is not backed up with the money they think they have”. Mr. Pierce would like to be involved in some of these discussions.

Fall/Spring Tour

The Board’s presidency has discussed hosting a tour to view the different projects in the valley either through a group or self-guided tour, or a hybrid of both. This could be done with the Spring Water Symposium as a way to get more people involved. Mr. Clark said the group tour could facilitate a better discussion.

APO REPORTS

Local Outreach

Ms. Simmonds said many of the items have already been discussed. Updating the website and effectively using social media is important. She has been working with a Zac Covington (BRAG) and others on floodways, watersheds, wetlands, and riparian areas concerning the Logan River. She would like to begin a broader discussion about other rivers in the valley.

Bear River Development

Mr. Pierce said the committee has discussed the study and the fact that the preferred alternative may or may not be best for Cache Valley. There was some brainstorming about doing more studies, but they may be expensive. It would be nice to get some legislator(s) to come to a future meeting to discuss concerns. There was also a suggestion about developing a mapping of secondary systems to have on the website.

Secondary Water Systems

Mr. Clark said the committee has discussed ideas about how to get the District more involved, such as the need to continue outreach, identify and discuss any problems or concerns and offer support. Suggested developing mapping of secondary systems to have on the website.

Water Banking

Mr. Lindley said there was a discussion about Wellsville/Mendon contracting with Hyrum Irrigation. Hyrum has storage water in the reservoir, on a normal year, by mid-July there will be an idea of how much storage will be used, if there is some left Wellsville/Mendon will lease the water for 2-3 weeks of extra water at the end of the year. There is concern about water banking in the river and who will shepherd the water.

Snotel/Cloud Seeding

Mr. Hardman said there was discussion about possible locations for future Snotel sites such as Blacksmith Fork and Clarkston. Cloud seeding will continue.

Conservation

Mr. Randall said the committee discussed the difference between conservation of drinking water, culinary water used on lawns, and canal water (agricultural). The focus should be focused on educating the younger generations and working with cities.

WATER & LAND USE PLANNING INTEGRATIONS – John Berggren, Wester Resources

See [-Attachment 2-](#)

ADJOURN

The meeting adjourned at 7:05 p.m.

Next meeting: October 4, 2021.

-ATTACHMENT 1-

4:53 PM

09/13/21

Accrual Basis

Cache Water District Profit & Loss Budget vs. Actual June through August 2021

	Jun - Aug 21	Budget	% of Budget
Ordinary Income/Expense			
Income			
Cache County Property Taxes	0.00	68,748.00	0.0%
PL-566 Watershed Grant	74,500.00	249,999.00	29.8%
Wellsville Mendon Study	36,832.62		
Total Income	<u>111,332.62</u>	<u>318,747.00</u>	<u>34.9%</u>
Gross Profit	111,332.62	318,747.00	34.9%
Expense			
Office			
Insurance and Bonding	0.00	1,248.00	0.0%
Office Supplies	109.55	375.00	29.2%
Publications	0.00	1,248.00	0.0%
Rent	0.00	1,374.00	0.0%
Technology			
Cell Phone	115.32		
Technology - Other	0.00	750.00	0.0%
Total Technology	<u>115.32</u>	<u>750.00</u>	<u>15.4%</u>
Vehicle			
Fuel	0.00	624.00	0.0%
Vehicle - Other	0.00	12,498.00	0.0%
Total Vehicle	<u>0.00</u>	<u>13,122.00</u>	<u>0.0%</u>
Total Office	<u>224.87</u>	<u>18,117.00</u>	<u>1.2%</u>
Outreach			
Conservation	10,000.00	6,249.00	160.0%
Dues	500.00	624.00	80.1%
Sponsorships	0.00	624.00	0.0%
Training	0.00	1,500.00	0.0%
Website	0.00	498.00	0.0%
Total Outreach	<u>10,500.00</u>	<u>9,495.00</u>	<u>110.6%</u>
Personnel			
Salary and benefits	28,524.79	32,124.00	88.8%
Travel and Mileage	2,460.67	1,248.00	197.2%
Total Personnel	<u>30,985.46</u>	<u>33,372.00</u>	<u>92.8%</u>
Professional Fees			
Administrative	135.00	375.00	36.0%
Attorney Services	0.00	7,500.00	0.0%
Audit	0.00	1,749.00	0.0%
Financial Services	77.25	2,499.00	3.1%
Total Professional Fees	<u>212.25</u>	<u>12,123.00</u>	<u>1.8%</u>
Project funding			
Cloud Seeding	840.00	12,498.00	6.7%
Water Acquisition	0.00	9,249.00	0.0%
Water Studies			
PL566 Logan River	59,498.83	99,999.00	59.5%
Wellsville/Mendon Irrigation	75,403.60	150,000.00	50.3%
Water Studies - Other	0.00	37,500.00	0.0%
Total Water Studies	<u>134,902.43</u>	<u>287,499.00</u>	<u>46.9%</u>
Total Project funding	<u>135,742.43</u>	<u>309,246.00</u>	<u>43.9%</u>
Total Expense	<u>177,665.01</u>	<u>382,353.00</u>	<u>46.5%</u>
Net Ordinary Income	<u>-66,332.39</u>	<u>-63,606.00</u>	<u>104.3%</u>
Net Income	<u><u>-66,332.39</u></u>	<u><u>-63,606.00</u></u>	<u><u>104.3%</u></u>

Integrating Water and Land Use Planning in Utah

Cache Water District Meeting

September 13, 2021

John Berggren, Western Resource Advocates
Lindsay Rogers, Western Resource Advocates
Faith Sternlieb, Babbitt Center for Land and Water Policy
Erin Rugland, Babbitt Center for Land and Water Policy

WHO IS WRA?

Western Resource Advocates

- We are a conservation organization with more than 30 years experience in the Intermountain West
- We use law, science, and economics to craft innovative solutions to the most pressing environmental challenges
- We work to conserve western lands, advance clean energy, ensure healthy rivers, and protect air quality throughout the region

OUR MISSION: Western Resource Advocates is dedicated to protecting the West's land, air, and water to ensure that vibrant communities exist in balance with nature.

www.westernresources.org



Babbitt Center for Land and Water Policy

A center of the Lincoln Institute of Land Policy

4 Focus Areas:

- Research
- Technology Innovation
- Partnerships
- Education & Training



Overview of Water and Land Use Integration

EXPANDED TURF BUYBACK PROGRAM

Outdoor water use makes up 60% of our municipal and industrial use.

Expanded turf removal programs show we are serious about water conservation.

STATEWIDE INSTALLATION OF SECONDARY WATER METERS

1/3 of Utah uses secondary or untreated water. Systems with meters have saved between 20% and 30%.

Very few of these connections are metered. You can't manage what you don't measure.

INTEGRATED LAND USE AND WATER PLANNING

Land and water use planning are currently done separately. Adopting water efficiency standards is proactive and more cost effective than future turf replacement.

AGRICULTURAL OPTIMIZATION

Agriculture accounts for approximately 75% of Utah's water use.

Investment in agricultural optimization will create supply flexibility, benefits for farmers and improve water quantity and quality.

WATER CONSERVATION MEASURES

VISIT DROUGHT.UTAH.GOV TODAY

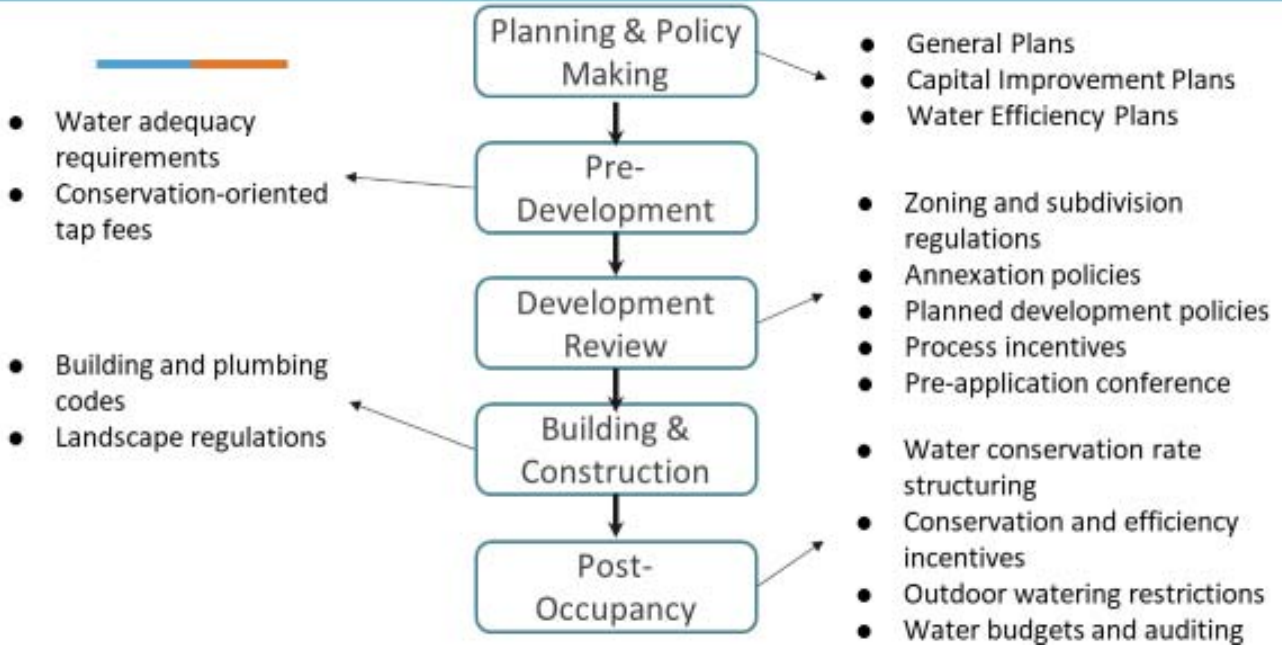


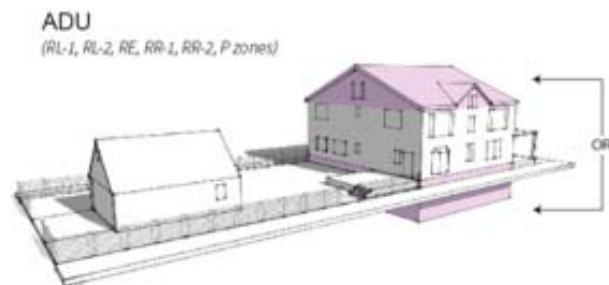
Figure 2
Water Related Questions to Answer in a Comprehensive Planning Process

Water Management	Future Projections	Water Efficient Land Use
Where does our water come from?	What is our population, housing, and employment growth?	Are we collaborating on water issues?
How much water do we have?	What are our development expectations?	How does our development process consider water?
How much water do various land use sectors use?	What water challenges does a changing climate pose?	How does our urban form impact our water use?
How do we pay for water system repairs and improvements?	How much water will we need?	Is water used efficiently outdoors?
How is water used or conserved?	Do current water supplies line up with projected demand?	Is water used efficiently indoors?
Is our water system sufficient, safe, and reliable?	How can water and land use be equitably managed?	How does land use impact our watersheds?

Source: Babbitt Center for Land and Water Policy

Examples - Zoning and subdivision regulations

- Zoning that allows Accessory Dwelling Units (ADUs) can increase density, leading to more water efficient development
- But also need to collaborate with water providers to determine tap fees for ADUs to ensure there isn't a disincentive



Examples - Landscape Regulations

Sandy City - Sec. 21-25-4. - Water Efficient Landscaping

For commercial, industrial, and MF, requires:

- Landscape Plan Documentation Package
- Landscape Water Allowance
- Landscape Design Standards
- Irrigation Design Standards
- Post-construction Monitoring

SPANISH FORK
PRIDE & PROGRESS

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JANUARY 2019

SMART CONTROLLER PROJECT

PUBLIC WORKS WATER DIVISION DRINKING WATER PRESSURIZED IRRIGATION QUESTIONS REQUEST

A Guide to Municipal Conservation Pricing in Spanish Fork

Eric C. Edwards
Assistant Professor, Department of Applied Economics

Sara A. Sutherland
Assistant Professor, Department of Applied Economics

The Need for Conservation
Utahns recognize water is a precious natural resource. Its availability critical to maintaining our health, food supply, and environment. Less well understood is that, as a critical economic resource,

consumers in price incentive: wasteful water costs for w environment.

Utah faces a dire next 30 years resources in population growth. Salt Lake and Utah Counties are projected to increase their combined populations from 1.55 million to 3.21 million by 2060 and water utilities throughout the state must secure reliable water supplies well ahead of actual

WHAT IS THE SMART CONTROLLER PROJECT?

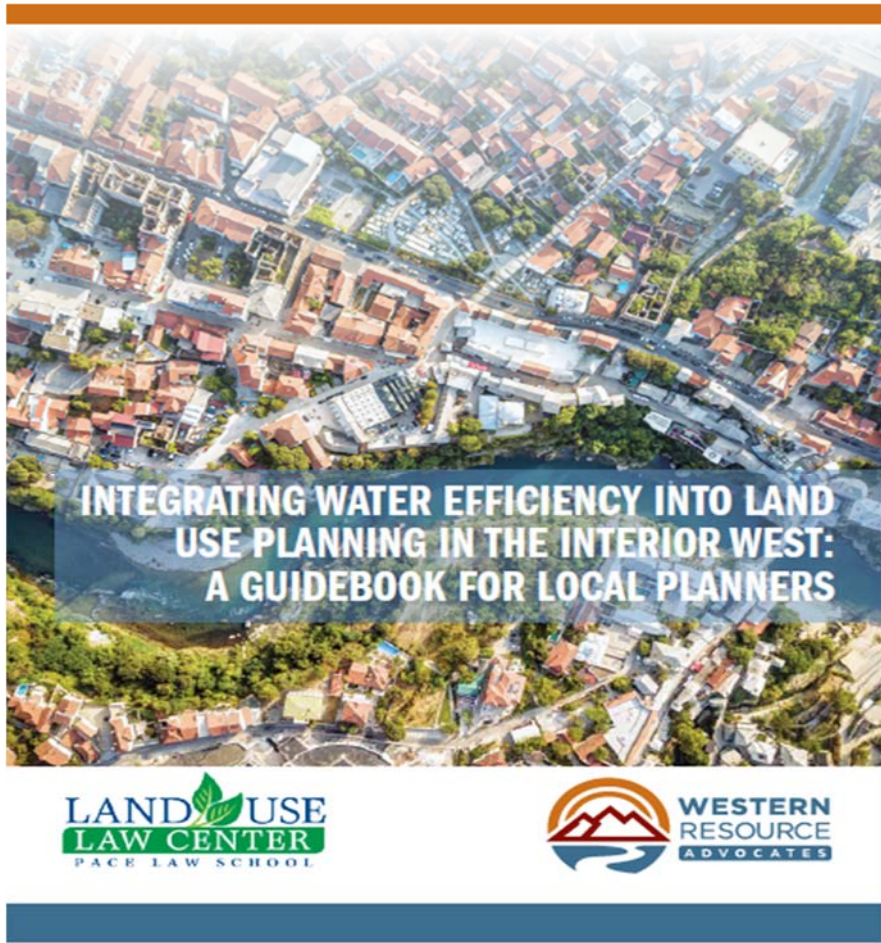
WHAT ARE THE BENEFITS?

SIGN UP



Where can communities start?

- Review landscape regulations and compare with peer communities
- If updating general plan, think about including water throughout or have a stand alone section
- Coordinate between elected officials, planners, and water staff to determine highest priorities
- Lots of (free) resources available...



What can elected officials do?

- Get up to speed on the benefits of water and land use integration (e.g., reduced demands on agricultural water supplies)
- Prioritize integrating water into land use planning so staff devote the necessary time, meeting with them periodically
- Strongly encourage staff to pursue additional resources for support (e.g., grants, trainings, workshops)
- Encourage water and land use staff to regularly meet, at a minimum

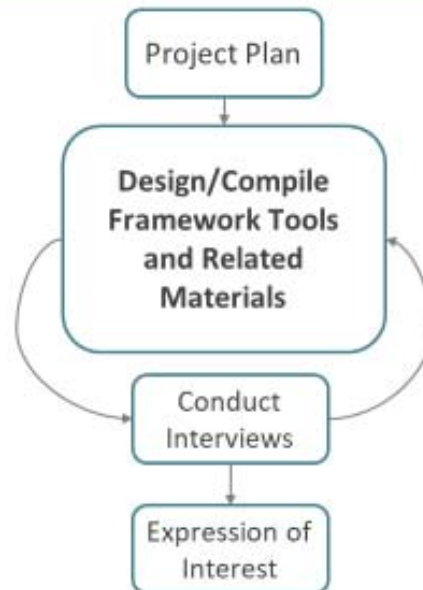
In sum, integrating water and land use planning:

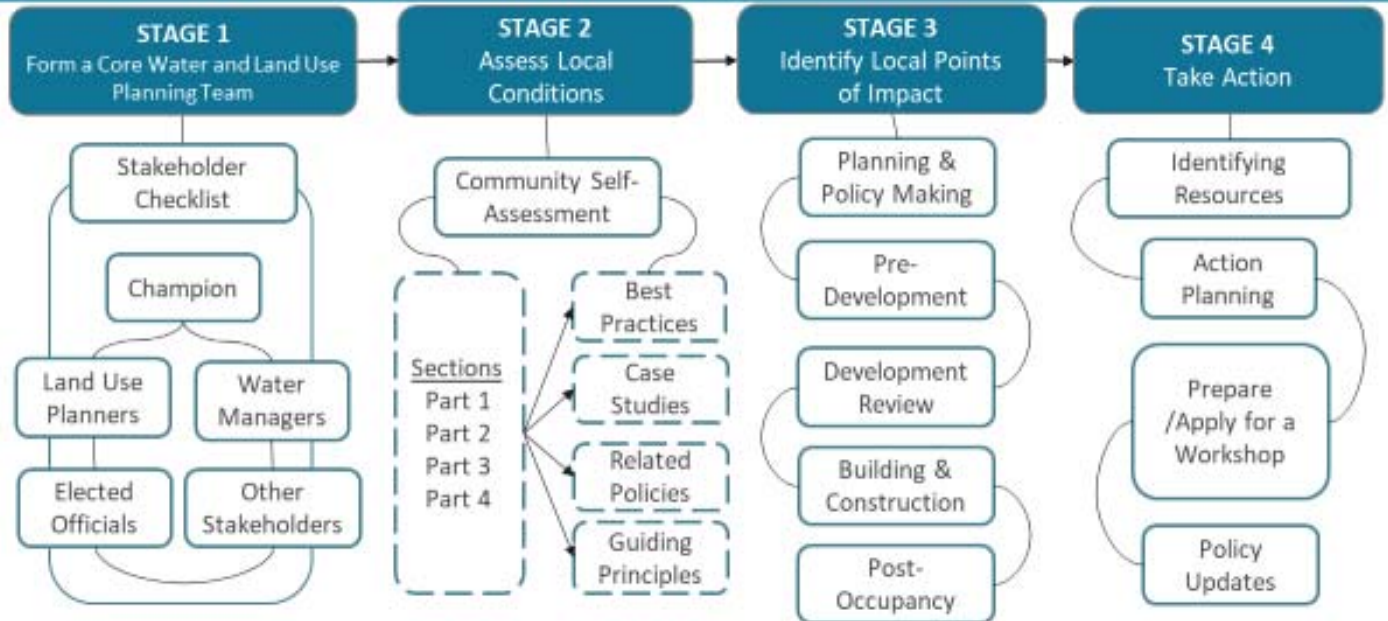
- Empowers communities to improve water efficiency within their own context, including aesthetics, culture, and values (i.e., every community is different)
- Aligns with state goals to improve water conservation efforts
- Increases resiliency to ongoing and future droughts
- More and more resources, support, technical expertise, and efforts are being made available to support interested communities

UT DNR Integrating Water and Land Use Planning Project

Phase 1 Overview

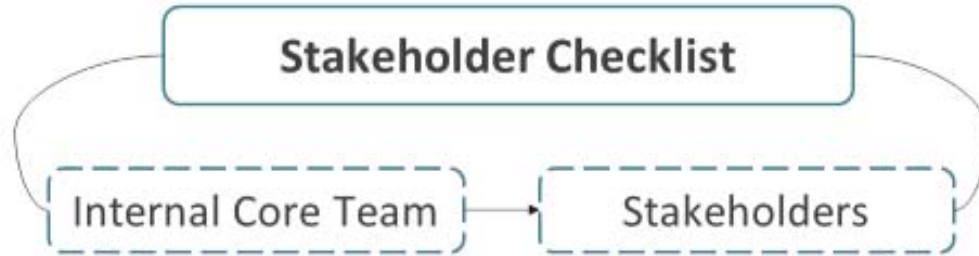
PHASE 1
Develop Framework
for Community
Action





Framework for Community Action

Stakeholder Checklist



Participants for the Internal Core Team

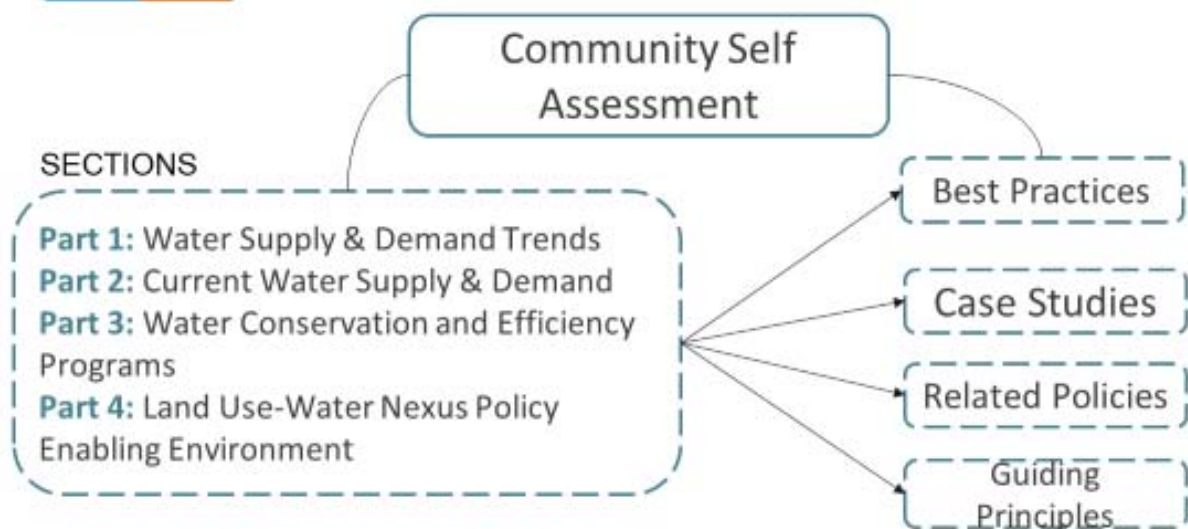
Potential Participants	Applicability to Your Context (A - Applicable, N/A - Not Applicable)
Long-Range Land Use Planners	
Development Review Land Use Planners	
Water Conservation Staff	
Water Utility Managers	
Retail Water Provider(s)	
Wholesale Water Provider(s)	
Elected Officials/ Board of Trustees	
Representative from Governing Body of Private Water Utility	
Representative from Planning and Zoning Commission/Board	
Wastewater Utilities	
Food Control Managers	

Stakeholders to Engage Throughout the Process

Stakeholder	Applicability to Your Context (A - Applicable, N/A - Not Applicable)	Priority - Low - Medium - High	Contact Information
Developers and Home Builders		High	
Environmental, Watershed, Land, or Habitat Conservation/Groups		High	
Farmers and Ranchers		High	
Major Institutional, Commercial, or Industrial Water Users (e.g., schools, churches, data centers, manufacturing, golf courses, recreation areas)		High	
Other Local Governments in the Region		High	
Other Land Management or Resource Agencies Relevant for your Region or Watershed (USFS, BLM, BOR, State Lands, Div. of Wildlife, UDOT)		High	
Ski and Snow Park Owners/Managers		Medium	
Community Advocates and Grassroots Organizations		Medium	
Parks and Open Space Managers (including land trusts)		Medium	
Homeowners Associations		Medium	
Citizen Advisory Boards		Medium	
Regional Groups, Regional Associations, COGs, MPOs		Medium	
The Public/ Beneficial Stakeholders		Low	

Framework for Community Action

Community Self-Assessment



Stakeholder Outreach

Summary of Outreach

Representatives from 12 communities/organizations:

- Sandy City
- Park City
- Jordan Valley Water Conservancy District
- Salt Lake County
- Salt Lake City Public Utilities
- City of Moab
- Spanish Fork City
- Bear River Association of Governments
- Ogden City
- UT League of Cities and Towns
- Morgan County
- Oakley City

Key Findings

- Limited integrated water and land use planning efforts happening thus far, but strong interest in learning more
- Positive feedback on framework & self-assessment
- Some concern over utility of framework without facilitation, external support to drive action
- Strong interest in multi-stakeholder workshop

Acknowledgments

- Great Salt Lake Advisory Council
- Project Team
 - Candice Hasenyager, UT Division of Water Resources
 - Laura Vernon, UT Division of Forestry, Fire, and State Lands
 - Rachel Shilton, UT Division of Water Resources
 - Marcelle Shoop, National Audubon Society
- Water and Land Use Planning Stakeholder Committee
- Phase 1 Project Interviewees

Connect With Us

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