

City of La Verkin

435 North Main St., La Verkin Utah, 84745
(435) 635-2581 Fax (435) 635-2104
www.laverkin.org

La Verkin City Council Meeting **Amended** Agenda Wednesday, November 2, 2022, 6:00 p.m. Council Chambers, 111 S. Main, La Verkin, Utah

A. Meeting Called to Order: Invocation by Invitation; Pledge of Allegiance

B. Consent Agenda: (Items on the consent agenda may not require discussion. These items will be a single motion unless removed at the request of the Mayor or City Council.)

1. Declarations of conflict of interest
2. Agenda
3. Minutes: September 21, 2022, and October 3, 2022, regular meetings

C. Presentation:

1. Visit from Witch Hazel
2. Royalty
3. La Verkin Elementary School-Gabbi Young
4. Victim Service Coordinator-Tiffany Mower
5. Specialized Investigations-Steve Johnson

D. Business:

1. Presentation and discussion regarding Interstate Rock Products Critical Infrastructure Protection Overlay.
2. Discussion regarding Interstate Rock Products road dedication.
3. Discussion and possible action to approve the revised preliminary and final plat for Cottonwood Hollow Phase 4, a 13-lot subdivision located north of 970 North.
4. Discussion and possible action to approve Proclamation 2022-04, a proclamation designating October as Domestic Violence Awareness month.
5. Discussion and possible action to approve a Memorandum of Understanding between La Verkin City and Ash Creek Special Service District regarding impact and service fees for the sewer and water.

E. Mayor & Council Reports:

Mayor Wilson:

Blair Gubler: Washington County Solid Waste, Homeland Security/CERT

Wise: Planning Commission/Zoning, Beautification/Trails Committee, Economic Development/Tourism, Confluence Park

Micah Gubler: Public Safety, Recreation/City Festivals

Hirschi: Fire District, Ash Creek Special Service District, DTEC

Hardy: Southwest Mosquito Abatement, Historical Preservation

F. Citizen Comment & Request for Future Agenda Items: No action may be taken on a matter raised under this agenda item. This item is reserved for the citizens of La Verkin who have items not listed on this agenda. There is a time limit of 15 minutes with each individual taking no more than 3 minutes.

G. Adjourn:

In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Christy Ballard, City Recorder, (435) 635-2581, at least 48 hours in advance.

Certificate of Posting

The undersigned City Recorder does hereby certify that the agenda was sent to each member of the governing body, sent to the Spectrum newspaper, posted on the State website at www.utah.gov/pmn, posted on the La Verkin City website at www.laverkin.org and at the city office buildings 111 S. Main and 435 N. Main on October 27, 2022.

Christy Ballard, City Recorder

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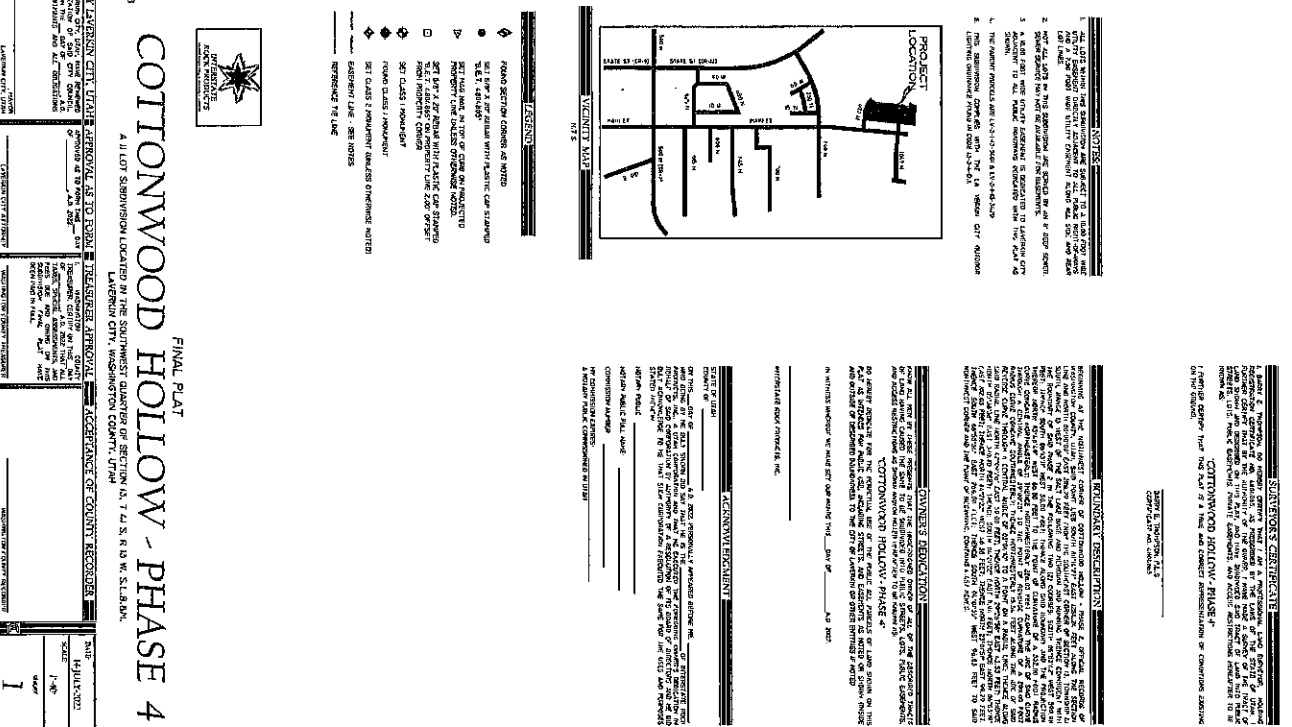
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111 S. Main and 435 N. Main on October 27, 2022.

Christy Ballard, City Recorder



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WATER IN WASHINGTON COUNTY

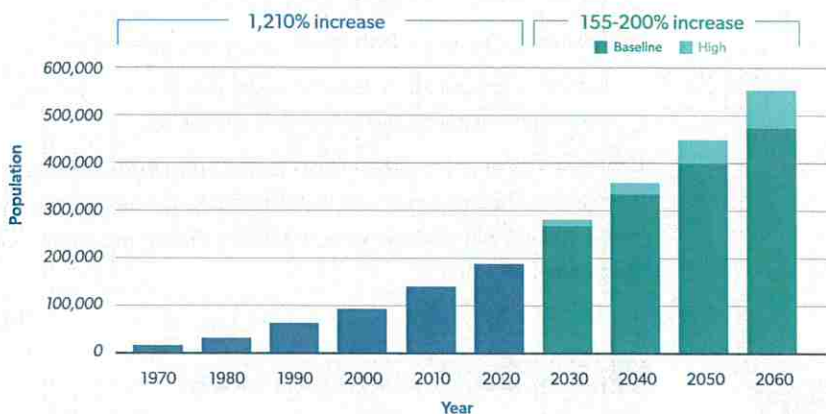
CONSERVATION'S ESSENTIAL ROLE IN MEETING CURRENT AND FUTURE NEEDS

Washington County is Utah's hottest and driest region. The county's major population centers depend exclusively on the Virgin River basin for water. The Virgin River basin is a small, drought-prone desert tributary that has been fully developed. **The county is currently using more than 90% of its annual reliable water supply.**¹ Additional water conservation and new supply development are essential to protect the county's current and future economy and population.

Population Growth

Washington County is one of the nation's fastest growing regions. Current state projections estimate the county's population will increase up to 200% by 2060.²

In addition to residents, Washington County attracts more than 6 million annual visitors³ and thousands of seasonal residents who own more than 20% of the county's homes.⁴ The high visitor volume and seasonal population add significantly to Washington County's water demand.



Water Conservation Achievements

Washington County has **reduced its per capita water use more than 30%** since 2000 – the highest reduction in Utah.⁵

Washington County was the first in Utah to:

- » Implement a water conservation plan
- » Adopt the state's most aggressive water conservation goal
- » Eliminate municipal "take or pay" water contracts
- » Create a desert demonstration garden



Meeting Future Water Demands

Washington County's Long-term Water Supply Plan

- » Additional water conservation and reuse
- » Local supply optimization
- » Available agricultural water conversion
- » New resource development



The Washington County Water Conservancy District (district), in partnership with its municipal partners, has **invested more than \$70 million** in recent conservation efforts.

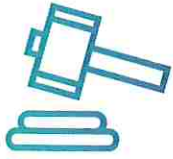
¹ Based on the State of Utah's source sizing requirement per equivalent residential connection

² Kem C. Gardner Policy Institute State and County Projections Scenarios 2025-2060, July 2022

³ Greater Zion Convention & Tourism Office, 2020

⁴ Washington County, UT Assessors Office, 2020

⁵ Municipal and Industrial Water Use Data, Utah Division of Water Resources, 2019



Water Conservation Ordinances

Washington County's major population centers have adopted the **most restrictive ordinances for new development in Utah**.

- » Non-functional grass is prohibited in commercial, institutional and industrial projects
- » Residential grass is limited to 8% of the lot size in most cities, with a cap for large lots
- » Grass is prohibited in park strips, narrow areas and on slopes
- » Irrigating with secondary (untreated) water and reuse (treated wastewater) is required where available
- » Water budgets for golf courses required; golf course developers in St. George will be required to provide their own non-potable water for irrigation
- » Limits on water used by car wash facilities
- » Restrictions on water features including misting systems
- » Indoor requirements include hot water recirculation systems, water-sense fixtured and EnergyStar appliances

Other municipal ordinances include **prohibiting water waste** (excessive irrigation, runoff and leaks) and **time-of-day watering** that bans irrigating with potable water between 10 a.m. and 8 p.m. during the summer months.



Water Conservation Goal

Washington County is striving for an additional 14% reduction in per capita water use by 2030, using 2015 as the baseline. The estimated cost for this level of conservation is \$12 million annually.⁶



Water Conservation Price Structure

Utah state law requires that all public water providers have tiered water conservation rates, but the district's board of trustees has passed an "excessive water use fee" in which water users that exceed a specific volume of water per month would be assessed an additional fee of \$1.00 per 1,000 gallons. The district anticipates implementing the new fee in 2023. Money generated by the new fee will be used to offset water conservation program costs.



Water Conservation Program Audit

A 2018 audit of the district's water conservation program conducted by nationally-renowned Maddaus Water Management concluded that the "water efficient program is on par with other notable programs in the western United States and exceeds those of other entities of a similar size and customer base."⁷

Existing Water Conservation Programs



Real water loss reduction



Tiered water conservation rate



Advanced metering infrastructure



Weather-based irrigation controller rebates



Irrigation equipment rebates



Efficient outdoor watering education



Outdoor water audit



Tree coupon



Public and school education



School building retrofit



High-efficiency fixture giveaway



Commercial washing machine rebate



Commercial toilet and urinal rebate

New Water Conservation Programs



Landscape conversion (grass removal) rebate



New development standards



Hot water on demand rebate



Residential landscape design consultations



Leak devices/flow sensor rebate



Water audits for hotels/motels



Customized incentive program for high water users

⁶Municipal and Industrial Water Use Data, Utah Division of Water Resources, 2015

⁷Water Conservation Programs: A Comparative Analysis, Maddaus Water Management, 2018

WASHINGTON COUNTY REGIONAL WASTEWATER REUSE

To extend Washington County's limited water resources, the Washington County Water Conservancy District has collaborated with local county and city governments to develop a regional wastewater reuse system that will serve the county's major population centers. The reuse water will be used for outdoor irrigation, preserving the county's higher quality water for potable uses.

The system will initially be capable of delivering up to 16,000 acre feet of reuse water throughout the region, with an anticipated future capacity of up to 60,000 acre feet by 2070 assuming completion of current district projects and continued growth in Washington County.

Planned project components:

- 4 water storage reservoirs
 - » Toquer Reservoir, approximately 3,600 acre feet in Toquerville
 - » Dry Wash Reservoir, approximately 2,000 acre feet in Ivins
 - » Graveyard Wash Reservoir, approximately 2,000 acre feet in St. George
 - » A fourth reservoir site TBD
- 45 miles of pipeline
- 5 pump stations
- 1 treatment facility upgrade; 2 new treatment facilities

Cities served:

St. George, Washington, Hurricane, Ivins, Santa Clara, Toquerville and La Verkin

Cost:

Estimated \$600 million+

Funding:

The Washington County Water Conservancy District (district) and Washington County have committed funds. St. George has secured a \$10 million grant for Graveyard Wash Reservoir. The district is actively seeking additional federal and state funds.

(see reverse side for map)



