



TOQUERVILLE SPRINGS

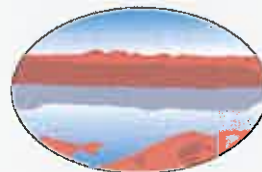
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WATER DEVELOPMENT IN TOQUERVILLE

Toquerville Springs is a water source in Washington County, UT with water rights dating back to the 1860s. The springs produce approximately 4,000 gallons of high quality culinary water per minute. All water rights are owned today by the cities of Toquerville, Hurricane and La Verkin and the Washington County Water Conservancy District (district). To date, the district has invested approximately \$4 million into the management and beneficial use of the water source.



OWNER OF WATER RIGHTS	PRIORITY LEVEL	ACRE FEET/ YEAR
Toquerville City	1862	365
Hurricane City	1862	486.6
La Verkin City	1862	243.3
Washington County Water Conservancy District & Toquerville City	1862	2,209.8
Washington County Water Conservancy District	1912	1,600



**WASHINGTON COUNTY
WATER CONSERVANCY DISTRICT**

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The following timeline highlights key milestones in the district's involvement with Toquerville's water supply.

1995

Toquerville Irrigation Company requested the district acquire their existing secondary water system to perform needed improvements to serve users.

1998

A public meeting was hosted by the Toquerville Irrigation Company on September 17 in which the board members and shareholders voted in support of selling Toquerville Irrigation Company to the district.

1998

An agreement was signed that allowed the district to purchase water shares from the Toquerville Irrigation Company for nearly \$1 million and create the Toquerville Secondary Water System (TSWS). The new system replaced an open ditch canal with a pressurized irrigation system to provide water to the city and outlying fields while increasing conservation opportunities, improving system management and mitigating the safety issues presented by an open canal. TSWS currently has approximately 300 connections and is managed by a five-member board appointed by the city and district.

Toquerville farm with pressurized irrigation system.



2007

Toquerville signed the district's Regional Water Supply Agreement (RWSA), allowing the opportunity to pool water resources regionally and purchase water from the district on an as-needed basis. Under the contract, municipal customers retain their existing water resources, rights and facilities with the option to integrate them with the district's supply. All the district's current municipal customers have signed the RWSA.

Given Toquerville currently has a surplus water supply, the city and district signed an addendum to the RWSA that allows the city to use its surplus water supply to serve all platted subdivisions as of January 1, 2007 and all existing culinary service connections. The district will waive impact fees for connections that meet this criteria until the city's surplus water supply has been depleted.

2011

Agreement that gave municipal water rights in the springs a higher priority level and allocated costs to operate and maintain the spring complex between the cities and district.

2013

The district completed a \$1 million project that added 4,500 feet of pipeline, a chlorination building and pump station to serve the culinary water users in Toquerville, Hurricane and LaVerkin. The project improved the efficiency, reliability, operational safety and costs of Toquerville's primary water source.

2015

Approximately \$400,000 was spent by the district to increase and improve the TSWS pumps, purchased a turbo-charged engine and repaired a leaking pond by installing a custom 20,000-pound synthetic liner.

Toquerville new engine installation



Toquerville pond liner install



2016-2018

Meters installed on the TSWS at a cost of more than \$280,000 to the district.

2017

The district is planning to start construction on a \$34 million project, Toquer Reservoir and Ash Creek Pipeline, that will allow for increased storage opportunities and more efficient water delivery.