

Washington County Water Conservancy District

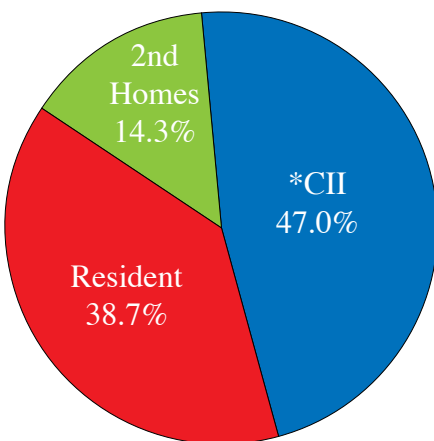
Water Line Winter 2009

Water for Today and Tomorrow

Facts

- **72,559 acre feet** – current reliable potable water supply in Washington County
- **54,800 acre feet** – current reliable potable water supply being used
- **17,759 acre feet** – current reliable potable water supply available for growth

Water Use Percentages



*CII= commercial, institutional and industrial

WASHINGTON COUNTY PORTION OF LAKE POWELL PIPELINE COST ESTIMATED COSTS IN 2008	
Total Cost	\$695M
Cost/1000 Gallons	\$1.42
Cost/Gallon	\$0.00014
Cost/1000 Gallons in St. George Today	\$1.60

Poll reveals local residents view water as a critical environmental concern

A public opinion survey is valuable in that it focuses on what people know and what they do not know. Recently, a public opinion survey was conducted in order to evaluate the knowledge, opinions and perceptions of residents in Washington County about water.

What our local people know:

- Water is the most important environmental concern in Washington County. Ninety seven percent of residents found an adequate supply of water to be very important (92%) or important (5%).
- A majority of those polled are opposed to laws regulating the amount of grass in landscaping as it would infringe on their rights as a homeowner. They felt conservation could be promoted by charging

higher rates for higher use.

What our local people do not know:

- Most people do not know that our major water supply is the Virgin River.

There are drawbacks to a public opinion poll, the major one being there is no dialogue with the public. Those wishing more information on water in Washington County are encouraged to:

- attend the District's monthly board meetings;
- contact the District for a presentation on water or on a particular project;
- read the newsletters published by the District; and
- familiarize yourselves with the



Manager's Message

By Ron Thompson,
General Manager

District's Web page to keep informed about water issues and water development in Washington County.

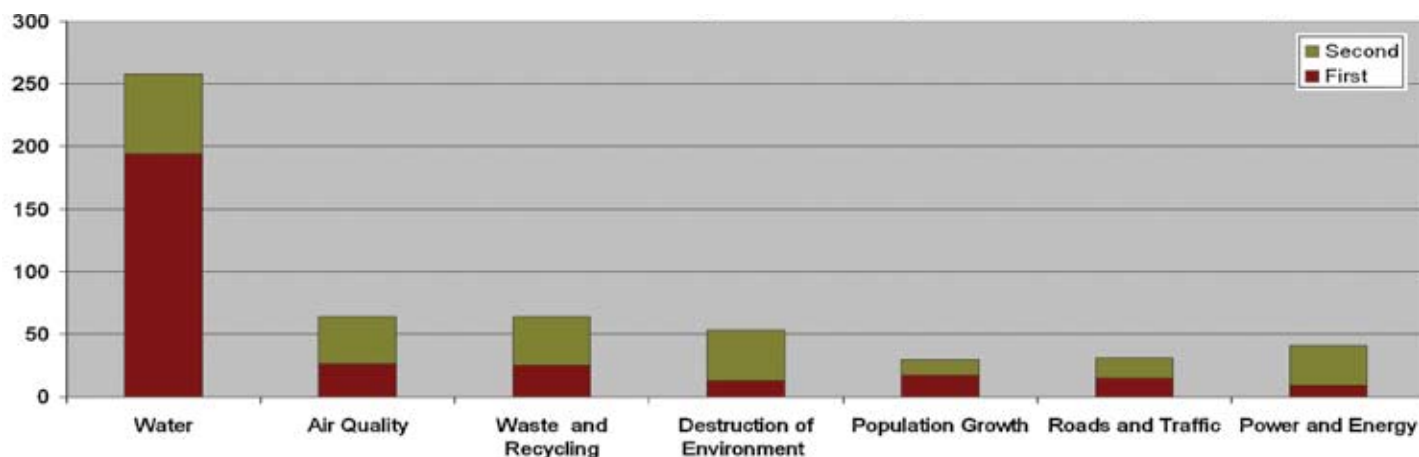
To access the results of this survey log on to:

<http://www.lakepowellpipeline.org/>

For more information on the District and local water projects log on to:

<http://wcwd.state.ut.us>

What do you feel are the first and second most important environmental issues facing Washington County today?



Frequently asked questions about the Lake Powell Pipeline

By Corey Cram



LAKE POWELL PIPELINE
Delivering the future.

Facts

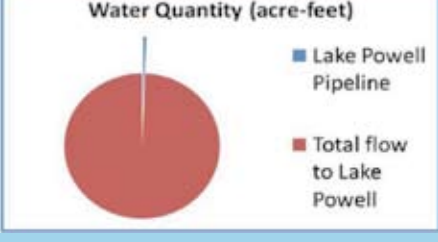
Historic annual flow into Lake Powell
12 million acre feet

Water the Lake Powell Pipeline will withdraw annually
100,000 acre feet
or .08% of annual flow

One acre foot or 325,851 gallons of water
The amount of water a family of four uses annually

246 gallons of water
The amount of water used per person per day in Hurricane, Ivins, La Verkin, Santa Clara, St. George and Washington City in 2008

The pie chart below illustrates the amount of water that will flow into southwest Utah from the Lake Powell Pipeline



Is it true that with improved conservation measures, Washington County currently has enough water to allow us to grow to 500,000 residents without building the Lake Powell Pipeline?

With the current projects being pursued by the District, such as the Ash Creek and Crystal Creek pipelines and the Warner Valley secondary water reservoir, it may be possible to supply as many as 280,000 residents with a reliable water supply.

With a 25% reduction in water use and the completion of the Lake Powell Pipeline, water could be provided to approximately 450,000 residents. Conservation is, in itself, a valuable water resource, but it can only take us so far. Without the Lake Powell Pipeline, it would not be possible to supply 500,000 people with

adequate water.

A local group has offered several suggestions they believe will enhance our water supply without having to build the Lake Powell Pipeline:

- Use stream flows on the lower Santa Clara River. This is not a viable source of water since flows in this river are only available three out of every 10 years.
- Develop polluted water that would be many times more costly to treat than the Colorado River water.
- Dry up the Virgin River, taking

all the water away from native fish and birds. This approach simply would not pass environmental review and, even if it did, it would leave people without any water at all in dry periods, after they have come to rely on it.

Even the most strict and rigorous water conservation measures could not stretch current water supplies to serve even 200,000 more people, much less 500,000.

A responsible water manager must find water resources that are reliable, not just on paper, but in real life year after year.

Has the public been involved in the Lake Powell Pipeline Project process?

The Lake Powell Pipeline Project was envisioned in 1991 as a means of providing Utah's allocated share of Colorado River water to southwest Utah.

Since its first inception, every step of the Project has been addressed in countless public meetings of the Board of Trustees of the District and the governing bodies of county, municipal and state entities.

In recent years, the Project has been subject to more detailed public review by the state legislature and a state task force. The Project has had the explicit support of two governors.

The Lake Powell Pipeline Development Act was approved as a state law in 2006, with only one dissenting vote between the Utah House and Senate.



The Project has been formally approved by the cities of St. George, Washington City, Ivins, Hurricane, La Verkin and Toquerville and by the District, after at least two public hearings by each entity. These cities represent the vast majority of Washington County's population.

In 2008, public meetings were held in Big Water, Kanab, Apple Valley,

Hurricane, St. George and Cedar City prior to starting the environmental process for the Project.

In 2008, the Federal Energy Regulatory Commission (FERC) held public scoping meetings in Kanab, St. George and Cedar City.

There have been and will continue to be numerous opportunities to learn about the Lake Powell Pipeline Project.

Morgan Jensen retires from District's Board

by Ann Jensen

Morgan Jensen was involved at an early age with ranching/farming activities. Eventually this background influenced him to spend many years working in the fields of land and water management in the state of Utah.

Morgan graduated from Utah State University in 1953 with a degree in Animal Science. Immediately after graduation, he served as an intelligence officer in the United States Air Force. He served for a total of eight years, two of those years on active duty in the Strategic Air Command. Upon leaving the Air Force, he returned to USU for a degree in Range Management.

Morgan worked for the Bureau of Land Management for 33 years. He started his career with the BLM as a range

conservationist in Shoshone, Idaho. He moved to the Cedar City office in 1963. In 1969, he worked as a budget analyst in Washington, D.C.

From his BLM position in our nation's capitol, Morgan went to work as the District Manager in the Kanab BLM District office. One of his main challenges was the highly controversial Kaiparowits Power Project. This project was undergoing environmental hearings and impact statement scrutiny. The Kaiparowits Plateau coal mines were also being analyzed at the time in preparation for mining.

Morgan retired from the BLM in 1988. After five years of retirement, he once again threw himself into the work force. He joined the District in 1993 as its

Environmental Coordinator. Being no stranger to challenges, Morgan jumped right into the middle of the BLM's Wild and Scenic Rivers Inventory, the Sand Hollow land exchange, the BLM's revised Management Plan and the Stratton Pond power plant.

Morgan retired from the District in 2000, at which time he was appointed to serve on the District's Board. He has served as Chairman of the Board since 2005. Morgan retired from the District's Board at the end of 2008.

Ron Thompson recalls that "Morgan came to the District in 1993 with an incredible natural resource background. He has been extremely dedicated to the District over the past 15 years. His contributions, both as an employee



and as a Board member, have been invaluable. We at the District appreciate the wisdom, experience and devotion to duty that he has displayed in his years with us."

Mayor Tom Hirschi appointed to District's Board

by Ann Jensen

The District and its Board of Trustees are pleased to welcome Tom Hirschi, Mayor of Hurricane, as the newest member of our Board. He brings with him a strong tradition of service and dedication to Washington County in general and Hurricane in particular. His great-grandfather and uncle were prominent business and civic leaders for many years in Hurricane. Six generations of Hirschis have helped develop areas of Washington County stretching from Santa Clara in the west to Rockville in the east.

"In order to demonstrate my love

for Hurricane, I ran for mayor. I try to help out in every way I can." Mayor Hirschi has served on various committees including:

- Hurricane City Planning Commission
- Member of the Power Board
- Chairman of the Washington County Fair for two years and board member for 10 years
- Co-chair of Peach Days

Tom has witnessed the growth of

Hurricane over a 50-year period. He hopes Hurricane will continue to prosper and be a place where children can grow up and remain to raise their families.

Mayor Hirschi is excited about serving on the District's Board. He would like to make sure all options for providing water resources are investigated. He believes that although he is from the east side of Washington County, his role is to represent the interests of the citizens of

the entire county while serving on the Board. Mayor Hirschi has a deep respect for Mr. Thompson's hard work and knowledge of water resources and looks forward to working with him. He believes the Board has a tremendous responsibility to provide water to the citizens of Washington County now and into the future. Mayor Hirschi is committed to following the example of the founding settlers of this area who looked to the future with a progressive vision. He believes that we must be bold and act assertively to make sure the needs of our citizens are met.



Board of Trustees

Edward Bowler, Chair (Gunlock)	Jim Lemmon (Hurricane)
Dennis Iverson, Vice Chair (Washington City)	Daniel D. McArthur (St. George)
Howard Bracken (Enterprise)	James N. Ence (Santa Clara)
Thomas Hirschi (Hurricane)	

Board Meetings

The next three Board meetings will be held at the Washington County Water Conservancy District Office at 136 North 100 East in St. George.
Wednesday, March 18 at 7:00 p.m.
Wednesday, April 8 at 7:00 p.m.
Wednesday, May 6 at 7:00 p.m.

The public is encouraged to attend.

Conservation Corner

By Julie Breckenridge — Water Conservation Coordinator

Water Week Celebrated May 3-9

Water Week 2009 will be celebrated throughout the state of Utah May 3-9. In conjunction with St. George City, the District will be coordinating a *Walk for Water* scheduled for Saturday, May 9.

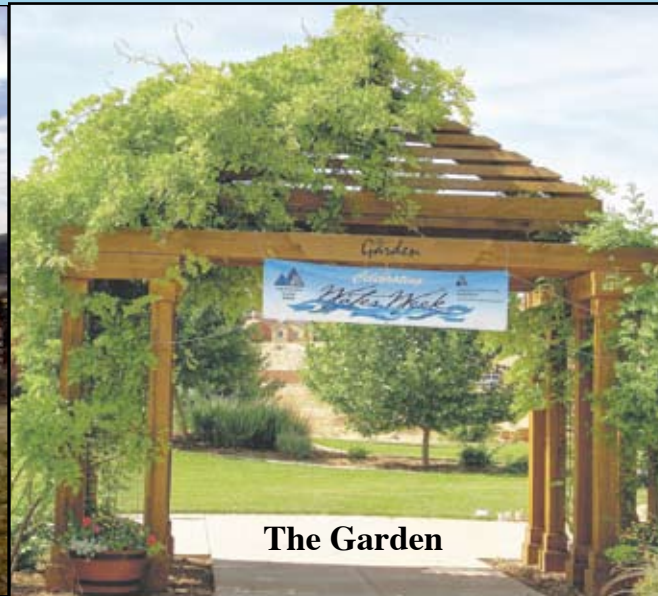
This will be a symbolic two-mile walk in recognition of the three to six miles women and children have to walk every day in water-stressed regions to get water for their families.

The walk will begin at Cottonwood Cove Park at 1027 S. Dixie Drive and will conclude at **The Garden** at 1851 Dixie Drive.

Watch for updated information as Water Week approaches.



Cottonwood Cove Park



The Garden

FREE Landscaping Workshops March – August 2009

These workshops are held at the Tonaquint Nature Center - 1851 Dixie Drive
Space is limited so please call 673-3617 to reserve your seat.

Backyard conservation

Saturday, March 7th
10:00 – 11:00 a.m.

Desert Rose

Saturday, May 16th
10:00 to 11:00 a.m.

Add rock to landscape

Saturday, July 18th
10:00 to 11:00 a.m.

It's all in the container

Saturday, April 18th
10:00 to 11:00 a.m.

Pest and disease control

Saturday, June 20th
10:00 to 11:00 a.m.

Vegetable gardening

Saturday, August 15th
10:00 to 11:00 a.m.

For more information on the FREE landscaping workshops log on to
<http://wcwcd.state.ut.us/Conservation/2009>



Water Line Winter 2009

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