



# Adair County Public Water Supply District #1 Newsletter

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## Some History Of Adair County PWS D#1

With the 4<sup>th</sup> of July passing, many of us think about the past and those who have made contributions to better our lives in some way. Have you ever wondered how our water service came to be? Who were the people who took time out of their lives, looked forward and came up with this idea of getting good, treated, potable water to properties in Adair County? Most of us are not aware of the many hours that must have been spent to refine the idea and process of getting homes in rural areas clean, drinkable, water; in turn reducing or eliminating water-borne diseases, associ-

ated with well water.

A small group of people started meeting prior to 1968, laying the ground work for Adair County Public Water Supply District #1. The first meeting of the Board of Directors took place on December 4, 1968. Individuals present were Sam Motter, nominated President; Frank Pickens, Vice President; Jolene Cody, Secretary; Hollis Bradley, Treasurer; Charles Morris, Board Member; Gale Cody, Board Member; Harry Salisbury, Board Member; and Vance Frick, Alternate.

Starting out small with a few hundred customers and working through multiple phases, the district has grown to over 800 miles of water mains, 3,000 customers, serving three small towns and a small amount of customers in Macon County. The Adair County Rural Water district has purchased its water from the City of Kirkville from day one, establishing a business relationship that continues to this day. The City of Kirkville has two main water supplies. Forest Lake at 545 acres was built in 1952 and Hazel Creek Lake at 515 acres was built in 1982; with the 6 mgpd (million gallons per day) Treatment Plant located on Potter Avenue, on the west side of Kirkville.

The District's average water usage is 640,000 gallons per day (gpd) and as much as 930,000 gpd during peak water usage times. All public water systems in this state are monitored by Missouri Department of Natural Resources and conform to their rules and regulations.

Today the Adair County Public Water Supply District #1 has seven employees working 24/7 to maintain an uninterrupted supply of water to its customers. The ACPWSD #1 staff is very committed to providing service to you.

## Look! Up in the Sky! It's a Bird...It's a Plane... It's a Meter Reading Mission!

In 2008 the Adair County Public Water Supply District #1 updated their metering system to radio read meters which allows the district employees to read individual meters by driving by each water customer's meter. The radio read system enables the District to collect accurate monthly readings; previously customers had to physically read the meter inside the meter pit monthly. Often people would estimate their usage. Water leaks, which can greatly change the amount of water going through a meter, were often missed until an actual physical reading was taken, making this practice a very costly one for some. While the radio read meter system was more efficient for our customers, it proved costly to the PWS D #1. Driving by more than 3000 meters of our water customers requires two drivers, in two trucks, to drive for 12 to 14 hours each. This process was repeated monthly.



Management at PWS D #1 wanted to find a way to save both time and money for the monthly meter readings. Road conditions and weather in northeast Missouri made the idea

of flying worth investigating. Employees contacted Mid-West Meter, the vendor for the water meter system, but they were not aware of any districts reading the meters from the air. Aware that the radio read meter signal projects up, in a cone shape manner, from the transponder, employees were determined to pursue their idea of flight, as they felt reading meters from the air would be more effective and efficient, than reading from the ground. A call was made to Mark Thompson, County Commissioner and pilot/plane owner. Thompson put the district in touch with two younger pilots who were eager to experiment with reading the meters from the air.

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If you always do what you always did, you will always get what you always got. ~Albert Einstein



## Look! Up in the Sky!...Continued

The idea of flight was proposed at the August, 2013 ACPWSD #1 Board Meeting and the go ahead to attempt reading all water meters from the air, was given at this time. The maiden voyage proved effective as meters in the entire county were successfully read in 6 ½ hours. A contract was agreed upon in November 2013 between the Adair County PWSD #1 and Air Advantage for meter reading flights. The airplane pilots, Thomas Goad and Justin Grant, have been able to fly in some very cold, icy and wet conditions, which are very difficult and even hazardous for the ACPWSD #1 employees to drive.

## Our Featured Employee

Gina Moran marked her 30th year with the ACPWSD#1 in August. Gina was elected District Clerk in January of 1995.

Gina has been married to her husband, Dennis, for 35 years. They have three children and 4 grandchildren. Gina certainly enjoys spending time with her family, especially her grandchildren.

Gina and Dennis are members of the Grace Community Bible Church. Gina has hobbies of gardening, playing the guitar, competing in women's walley-ball and going to the YMCA. When you call the Water District Office, one of the friendly voices there is Gina's. Happy 30 years, Gina!



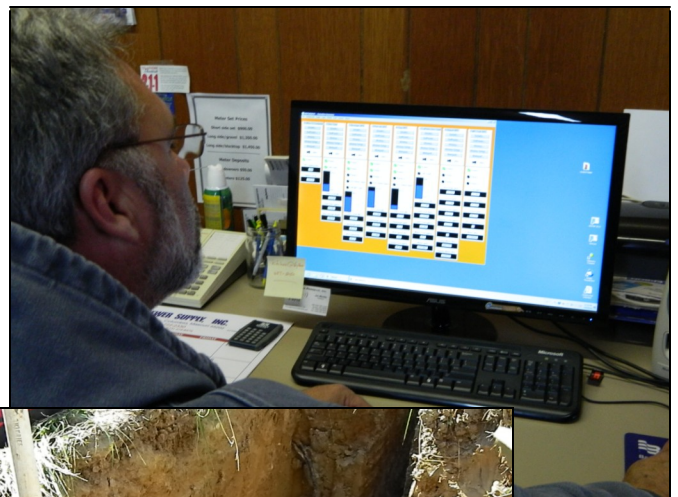
## Adair County Water Supply And Rain Fall

The ACPWSD #1 is studying a possible interconnect with Sullivan County in the near future to supplement our district during drought conditions. When the new lake in Sullivan County is constructed, this relationship could make water resources for growing rural consumption more secure for the future.

The district wholesales water to Macon Rural Water, Novinger, Brashear and LaPlata. Adair PWSD #1 has four storage facilities with a combined capacity of over 500,000 gals.

The average rainfall for Missouri is between 36 and 39 inches per year. Most of us recall receiving over 64 inches of moisture in 1973 and less than 16 inches in 1988.

## It's Always About Water Service



### ACPWSD #1 Staff

Paul Hazen—District Manager  
Todd Hill—Assistant District Manager  
Gina Moran—District Clerk  
Pam Lutz—Posting Clerk  
Cathy Gregory—Cashier Clerk  
Gerald Snelling—District Serviceman  
Ryan Elsea—District Serviceman

### It's always about water service.

Above left, ACPWSD#1 staff, upper left, repairing a line, upper right, monitoring tanks levels and pump performance remotely, lower right, preparing for a new connection for a customer prior to testing and replacing the soil.

### Adair County PWSD #1 Board 2014

Brent Motter, President  
Dwight Hart, Vice President  
Greg Fast, Board Member  
Tom Primmer, Board Member  
Bill Sanders, Board Member  
Gina Moran, District Clerk  
Paul Hazen, General Manager/Treasurer

Vision without action is merely a dream. Action without vision just passes the time. Vision with action can change the world! **-Joel Arthur**