



### Update on Water Plant Improvements

The new 100 million gallon reservoir is now in service. The additional water capacity has allowed us to keep our turbidity levels lower and more consistent in September and October providing for better treatment results. In times of drought we will have additional capacity, and normal flooding of the Yadkin River will not flow into the new reservoir creating treatment problems. With the extra dirt from the new reservoir we will raise the berms on the two other reservoirs helping to prevent flooding into the reservoirs while giving us additional capacity. Results for Trihalomethanes and Haloacetic Acids (disinfection by-products) sampling in our distribution sys-

tem, were the lowest we have seen for the reporting period of July through September. Having additional settling time we will continue to keep our disinfection by-products at lowest levels.

The new river intake and raw water pump station is complete. Having this river intake at the lowest point in the river, with air bust and water backwash to keep the screens clean, should provide us ample water when the river level is low due to drought. The four 42" lines into the wet-well will provide up to 60 mgd. With today's peak usage at 17mgd this will give us excess water capacity for a long time to come. During usage of 17mgd we could pump at a rate of 34 mgd for a twelve hour period, while the power company is off peak, helping to reduce power cost and keeping

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**Davidson Water  
won first place**  
for **Best Tasting Water**  
at the **North Carolina**  
Rural Water Association  
Conference for 2011!



### Update on Water Plant Improvements *(cont.)*

our energy provider from having to add more capacity. The existing river pumps will be maintained for redundancy. The raw water pump station is capable of pumping 40 mgd from the reservoir to our existing and new plant under construction. Our existing raw water pumps also will be maintained for redundancy. The accumulated silt of over 30,000 yards and 4 feet thick has been cleaned out of our oldest reservoir built in 1968. 12 to 14 months from now our new water plant will be in service with an additional 15 mgd of capacity, new 5 mg clearwell, flash mix, flouclulators, chemical storage, new high service pumps and GAC granular activated carbon filtering. The GAC component will be used as needed to better control taste, odor, red water, and removal of organics. The red water issues that some of you experienced this summer was due to abnormally high iron and manganese in our water. While not a health concern, we plan to better control or alleviate these occurrences with the new technology in our plant when complete.

The slowdown in the economy continues to affect the number of new homes, developments, and industries that are being built on our water system. With the infrastructure improvements made at our water plant and in our distribution system we will be ready when growth returns. If a new industry requiring large amounts of water desires to locate in our service area we will have the capacity.

Davidson Water, Inc. will continue to strive to meet the needs of our members, now and in the future, by continuing to maintain and improve our infrastructure.

### Water Rate Increase

*Effective Invoice Date January 1, 2012*  
Davidson Water, Inc; has taken pride in providing safe, adequate, high quality water for over 40 years. We are now expanding our treatment capacity and are continually upgrading our distribution system to meet the growing demands for future generations. However, the cost to treat and, deliver water, including building and maintaining infrastructure is on the rise. Therefore, on January 1, 2012; it is necessary to increase water rates by 3.4% to continue this dedication and commitment to our members.

- The increase will be less than \$1.00 per month for the average residential home
- The average family water bill be approximately \$22.85 a month
- The increase for members using 2,000 gallons per month or less will be only \$0.35 per month or \$4.20 per year.

### Connection Fee Increase

*Effective January 1, 2012*

Connection fees will be increasing effective January 1, 2012. These fees are to cover purchasing materials and installation in making new taps and also pay for improvements to our water system in order to provide the necessary additional capacity.

### Tap Fees

*Effective January 1, 2012*

Meter Size	Fee
3/4 in. Tap	1,600.00
1 in. Tap	3,550.00
1-1/2 in. Tap	6,550.00
2 in. Tap	9,050.00

*\*Included in the connection fee above is a separate \$50.00 membership fee required for all new accounts.*

### Structured Minimum Bills

*Effective on invoices mailed on or after January 1, 2012*

Structured Minimum Bills		
Meter Size	Included Gallons	Minimum Bill
3/4 in. Meter	0-2,000 Gallons	10.85
1 in. Meter	0-5,000 Gallons	22.85
1-1/2 in. Meter	0-10,000 gallons	42.85
2 in. Meter	0-20,000 Gallons	89.85
3 in. Meter	0-50,000 Gallons	230.85
4 in. Meter	0-75,000 Gallons	335.85
6 in. Meter	0-150,000 Gallons	650.85
8 in. Meter	0-250,000 Gallons	1,070.85

### Rates

*Effective on invoices mailed on or after January 1, 2012*

Current Water Rate Schedule	
Gallons Used	Rate*
2,001-10,000	4.00
10,001-50,000	4.70
Over 50,000	4.20

*Minimum Rate 10.85*

*\*Rate is per thousand gallons except for minimum*

*\*3/4 Residential Minimum Rate includes up to 2,000 gallons*

**Be Green • Be Efficient • Save Money**

### Online Web services

Davidson Water, Inc. offers electronic billing (E-bill) to our customers. When you switch to E-bill you will receive your regular monthly bill by email notification. You can then log on to at [www.davidsonwater.com](http://www.davidsonwater.com) and immediately view your detailed bill. Simply call our office to get signed up.

Our customers can also take advantage of paying online (with no additional fee) using a credit or debit card at [www.davidsonwater.com](http://www.davidsonwater.com). Our official website is a quick and easy way to assure your bill is paid in a timely manner. When you use our website you can be confident your payment will be received by us within one business day. Other payment websites will sometimes come up when you use a search engine to find Davidson Water, Inc. These websites charge a fee to use their services to pay your bill. Paying through your bank's website is a free service; however, can take up to a week, sometimes longer, to receive the actual payment.



### How to use the Rate Schedule

The minimum monthly bill is \$10.85 and includes usage up to 2,000 gallons. If a member uses 6,000 gallons the first 2,000 is still \$10.85 and the remaining 4,000 gallons will cost \$4.00 per thousand. (4 x \$4.00 = \$16.00). If you add this to the minimum the total bill for 6,000 gallons will be \$26.85 (\$16.00 + 10.85 = \$26.85)