



IWA PIPELINE



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PLEASE EXCUSE OUR CONSTRUCTION!

Our 2010 capital projects have been in full swing this summer. We do our best to schedule the construction of as many of our projects during the "off" season as possible. We start the year out with the planning, scheduling and permitting process so we are ready to start construction. In the north, utilities try to avoid the cold and snowy winters and we try and avoid the winter traffic bottlenecks. It works better for our members and for us!



NEW WELL LINE...

The first of three large capital projects that IWA has undertaken this year was a new 16" diameter section of well line. The new well line replaces a thirty year old section of undersized pipe that was responsible for a significant pressure drop in our well field.

The higher pressures needed to bring our well

water to the plant for processing resulted in more energy usage which translates into higher electrical costs. The larger diameter pipe will allow us to lower our well pump operating pressures a bit and start saving some electrical costs. It is always nice when we have a capital project that actually saves money, which is good for all of us.



Contractor Ken Cabana overseeing the connection between the new well line and the existing line



Welding a flange adaptor to the 12" HDPE bore pipe that was "pulled" under Sanibel-Captiva Road

BLIND PASS BRIDGE PROJECT

Work has commenced on our Blind Pass bridge pipe replacement project. We are replacing about 500' of 12" ductile iron pipe that is suspended under the bay side of the bridge. The existing pipe is around 20 years old and sections of the pipe are badly corroded due to the salt water environment.

A temporary run of 12" high-density polyethylene pipe (HDPE) has been installed on the walkway deck in order to supply water to Captiva, while the existing pipe is removed and replaced.



Temporary 12" HDPE pipe that will supply water to Captiva while the old main is removed and replaced.

SANIBEL BAYOUS MAIN REPLACEMENT...

Our third large capital project scheduled for 2010 is replacing the distribution mains in the Sanibel Bayous. The existing thin walled water mains and fittings are 30 +/- years old and need to be replaced. Our new standard specification for water mains is a much thicker and more robust class of PVC pipe. Our contractor will begin installing the new mains as soon as the Blind Pass project nears completion. We hope to get in and get out ahead of the upcoming road paving that is scheduled and before the holiday season starts.

AUTOMATED METER READING (AMR)...

AMR systems are expanding rapidly in the utilities industry. IWA has begun installing a Badger Orion automated walk-by radio meter reading system. Due to the high cost of labor and improvements in the electronics, AMR systems have shown steady growth, even in a poor economy. The systems consist of a low power battery transmitter located on the meter register that broadcasts a signal which transmits the meter reading to the

meter reader's handheld device. We now have about 500 of these devices installed on our water meters. The radio reads



5/8" meter with built in AMR radio transmitter

make our meter reading more efficient, accurate, and safe as well as helping to contain costs. When our meter reader Scott, is not reading meters he has more time to work with our members' water problems, concerns, and water conservation. Our Distribution crew is always glad to have the extra "hand" to help out. The



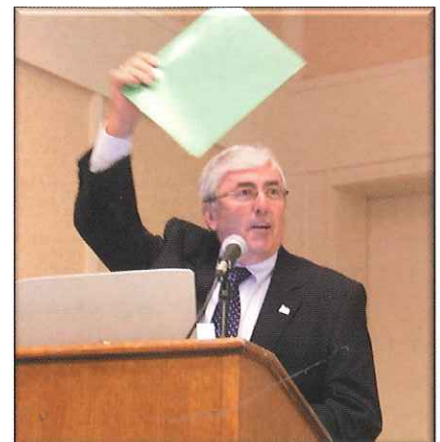
Handheld meter reading device

AMR devices are also capable of recording water usage history, which is useful for troubleshooting leaks and unknown water losses.

THE SOUTHEAST DESALTING ASSOCIATION (SEDA)...

In June 2010 The Southeast Desalting Association again held its Spring Membrane Symposium on Captiva Island. The mission of SEDA is to service and promote membrane treatment operations. The Island Water Association hosted many of the "hands-on" training sessions at our Reverse Osmosis plant.

The symposium facilitates advancing membrane treatment technologies through instructional talks, case studies, and "hands-on" training. Demonstrations on membrane construction and autopsies, high pressure pumps, cartridge filtration and membrane loading were given. Other topics covered were chemical storage, feed/dosing systems and membrane



Bill Fenniman, IWA Board President

cleaning. The "hands-on" sessions for visiting water treatment operators were well received. Desalinating, treating and distributing potable water is indeed a complex process that involves a lot of technology and knowledge. We are happy to be part of the exchange of ideas, sharing of experience, training, and knowledge sharing, relating to membrane use in water treatment facilities. Bill Fenniman, IWA Board President gave the welcoming speech at the beginning of the three day event.



"Hands-on" membrane loading demonstration by Steve Rensing and Taylor Musburger

NEW SERVER RACK...

With the addition of our on-line payment system, IWA now has three separate PC servers (not counting our IBM iSeries mid-range computer that runs our business applications). In an effort to conserve space and keep things neat and organized, IWA's I.S. Department installed a server rack in our equipment area. The rack has slide-out trays that the servers mount on, allowing easy access for maintenance and repairs.

The servers handle our Microsoft Exchange email, document storage and website, along



with our on-line payment and account access applications. The new rack also contains built in uninterruptable power supplies (UPS) to protect the servers in the event of a power outage or spike. The servers are connected to our network with a fiber optic link for optimum speed and bandwidth.

Fiber optic cable is used extensively throughout IWA's information network, including the RO plant and well field. Along with superior network performance, fiber optic cable (made of flexible glass or plastic and using a laser light beam) also offers complete lightning and surge protection, a frequent problem during our Island summers.

DAN PAOLINO...

In March of 2008, Dan Paolino joined our distribution department as a Distribution Technician. Dan came in with a plumbing background, most recently working for Lee County Utilities. He has since earned his "C" license from the Florida Department of Environmental Protection, which will be a requirement for all Distribution Techs beginning in April, 2011. Dan enjoys the "family" type atmosphere at IWA, and fits in well.

Dan lives in Cape Coral with his wife Kristy and two young daughters. He enjoys golf (which he is pretty darn good at), University of Miami football and baseball, and spending time with his family.

We hope Dan enjoys a long career with IWA. Dan's words to live by - "live today like there is no tomorrow"...

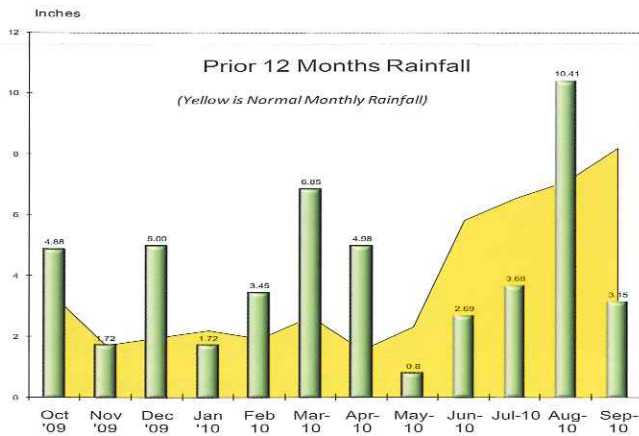


Dan Paolino, Distribution Technician

ANNUAL RAINFALL

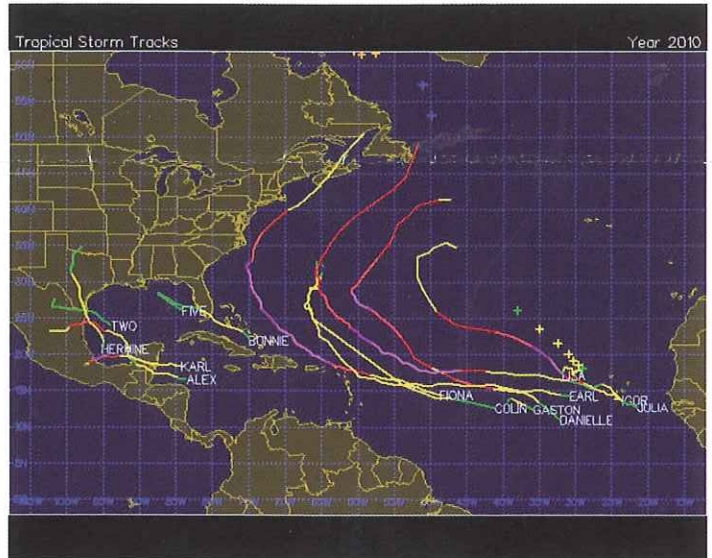
Unlike the rainfall in the first half of 2010, which was more than average, May through July, the traditional start of our rainy season was below average.

The rainfall in August rebounded with over ten inches falling. Rainfall continues below normal for the year; however we still have an opportunity for some more tropical weather (next topic) before the storm season is over. Did you know you can get a look at the current Sanibel weather statistics on our web site? Check it out at www.islandwater.com.



STORM SEASON UPDATE...

If you have happened to come by and visit our office you may have noticed that we do not have our storm shutters up. Despite the prediction of a worse than average hurricane season this year, we have not had the need to look through our corrugated clear Lexan storm shutters. We have passed the midpoint of the hurricane season and most of the storms have turned north and away from the U.S. coastline.



Year-to-Date 2010 Storm Tracks

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