



IWA PIPELINE



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Office Hours: 8:30 a.m. – 4:30 p.m. • Phone: (239) 472-1502

Your 2011 Island Water Association Board Members



Jack Cunningham
VP/Secretary

Bill Carr
VP/Treasurer

Bob Lindman
President

Jim Griffith
Vice President

Gary Dutton
Vice President

2011 ANNUAL MEETING...

On April 11, 2011, The Annual Meeting of The Island Water Association, Inc. (IWA) was held at the Association's offices, located at 3651 Sanibel Captiva Road.

Board President, William Fenniman, presented his President's Report pertaining to the state of the company. President Fenniman noted that unlike previous years, energy costs haven't had much of an impact on IWA's bottom line, only rising 3% over the last three years (to clarify, although electricity costs have only risen 2% since 2007, fuel prices haven't risen 18.1% in the same time frame for an overall increase in energy costs of 3%). Replacing our transfer pumps in 2009 and a portion of our well line in 2010 resulted in significant energy savings. Fuel prices, on the other hand, have been very volatile

President Fenniman concluded his time at the po-

dium by reflecting on his six years as part of the IWA Board of Directors. He also recognized Tim Gardner for his many years of service to IWA. Mr. Gardner has served twelve years on the IWA Board of Directors.

Vice President/Treasurer, Robert Lindman, presented the Treasurer's report. He reported that IWA is a financially sound company. Mr. Lindman then stated that IWA's revenue in 2010 was up slightly from 2009, at \$6.9 million, while total disbursements were \$6.3 million. Copies of IWA's 2010 Audit and 2011 budget were made available at the meeting and are available upon request at IWA's front office.

Next, General Manager, Rusty Isler, gave his presentation of IWA's operations and accomplishments in 2010. Mr. Isler started by highlighting the company's exemplary safety record of 3,746 days without a lost time incident. He then described how produced water has been declining in recent years

largely due to water conservation efforts and the poor economy. Revenues have remained relatively flat since the 2009 rate increase.

Mr. Isler detailed the scheduled capital projects for 2011 which include replacing more of our transfer line, replacing/repairing centrifugal pumps at our three booster stations, inspecting/repairing/replacing exposed pipelines at numerous box culverts and bridge crossings around the island, and continuing the Badger AMR meter replacement program.

During the meeting, the Board voted the 578 proxy and 2 live votes cast for Jim Griffith and Gary Dutton, who were selected by IWA's Nominating Committee, to replace Mr. Fenniman and Mr. Gardner. After the meeting, the Board met in Executive Session to elect Bob Lindman as President. Bill Carr was elected VP/Treasurer and Jack Cunningham was elected VP/Secretary, with Jim Griffith and Gary Dutton both elected Vice Presidents

A MESSAGE FROM OUR PRESIDENT...

On Monday, 4/24, our General Manager Rusty Isler started a medical leave of absence to address a serious health issue. Don DuBrasky, our Information Services Manager, has been appointed by the Board to serve as Acting General Manager in his absence. We wish Rusty a speedy recovery, and hope to see him back in the office soon. — Bob Lindman, President, IWA Board of Directors.

STORM SEASON PREPARTION...

By the time this newsletter is issued, it will be hurricane season 2011. We have completed our annual update to our Emergency Response Plan which



includes our hurricane plan. Our emergency supplies and food pantry have been restocked and we have replenished our emergency reserves, as we do every year. IWA is as ready

as we can be; however, we certainly hope that all of our preparations prove unnecessary this year.

We like to encourage our members to turn off their house valves when they leave the Islands for storms or extended periods of time. Water breaks and leaks outside can be water wasteful and expensive. Water leaks inside an unoccupied home

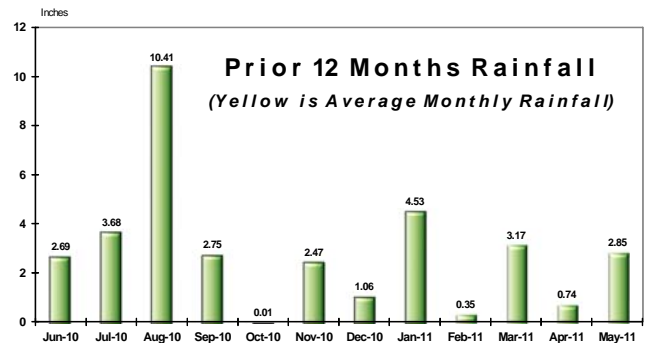
can be disastrous. Failed dishwasher, washing machine, and ice maker hoses can all lead to a very bad day inside an unoccupied home. There is one good side to storm season—more RAIN—and hence lower water consumption and increased water conservation!

RAINFALL AVERAGE, REVENUE UP...



With near average (11"+) year-to-date rainfall through May, IWA saw an 11% rise in water production compared to the same period in 2010, where we had nearly 18" of rain. This re-

sulted in a 10.4% rise in revenue over the same period in 2010, although our year-to-date revenues are right on our budget projections.



With normal rainfall so far this year we are looking for production and therefore revenues to remain on track over the next few months. Beginning in mid June the normal summer rains should return again, keeping irrigation in check. Water conservation can be a double edged sword for a water utility during heavy rain events, lowering consumed water while also lowering revenues.

NEW 16-INCH TRANSFER LINE...

One of our major capital improvement projects for 2011 is to replace about 200 feet of 12-inch transfer line with a larger 16-inch diameter pipe. The new pipeline will bring finished water from our clearwell next to the Reverse Osmosis (RO) Plant to our two 5 million gallon storage tanks.

In 2009 the three 30 HP transfer pumps, which were close to their capacities, were replaced with three 50 HP all stainless-steel pumps. The first 200 feet of 12-inch pipe leading from the clearwell to the storage tanks was replaced with 16-inch pipe

at the same time. This year we will continue the 16-inch pipe from where we left off to the valves at the tanks. The aging valves at each tank will also be replaced as part of the project. Significant savings in energy costs were realized after 2009's pump replacements. This year's pipe replacement



Replacing the first leg of transfer pipe—2009

will complete this project. Although this job will be shared with outside contractors, we draw on our impressive pool of talent at IWA whenever possible. The budgeted cost of the new transfer line project is \$70,000.

FIBER OPTIC CABLE TO WELL S-8...

IWA's raw water wells are connected to the RO Plant by control cables that are used to start and stop the well pumps and transmit data such as pressure and flow back to the Operators. The cables start at the plant and loop through each well, one cable heading east for the Hawthorne Wells (5 through 10) on the side of Sanibel Captiva Road, and one running west connecting the Suwannee Wells (1 through 7).

Originally, these cables used copper conductors, much like a telephone cable. The drawbacks to copper control cable are numerous. First and foremost is lightning damage. A lightning strike just near one of the wells would send a voltage spike all the way back to the plant, causing damage to other wells all along the way, including control devices in the Plant. Also, any splices made in the ground, due either to repairs or a junction, would be subject to corrosion and insulation breakdown, causing unreliable voltage fluctuations.

On the other hand, Fiber Optic cable utilizes a strong beam of light travelling through a glass cable not much bigger than a human hair to digitally transmit signals to and from controlling devices. It eliminates the risk of transient voltage spikes, thereby isolating every connected piece of equip-

ment from each other.

In 1997, IWA buried the first stretch of what would become 5 miles of Fiber Optic well control cable. The first run connected wells Hawthorne 5



Boring under San-Cap Road

through 10 to the RO Plant.

This was done completely in house.

The next run connected Suwannee Wells 1 through 7, and was

installed by a contractor who hand-dug the entire two miles due to conflicts with numerous utilities already in the ground in the path of the cable.

These two installations left one well still on a copper control cable, Suwannee 8, on the far western edge of our well field, adjacent to the Gulf Ridge Subdivision. It is close to a one mile run from S5 to S8. At the time, the copper cable was in good shape and the extra expense to complete the Fiber to S8 was not economically justified. The copper cable has now degraded and a contract has been let to dig in a Fiber Optic cable from S5 to S8. Directional bores were made at each well to place the cable on the outside of the bike path, where no other utilities pose a conflict. This installation, budgeted at \$35,000, should be done by the end of June, before the summer rains kick in.

AMR INSTALLATION CONTINUES...

As of this printing, 1,460 5/8-inch, 207 1-inch, 70 1.5-inch, 1 2-inch, and 1 4-inch water meters have been replaced with Badger Radio Read meters (Fall 2010 Pipeline). So far, in a year and a half,

we have seen no failures of radio transmitters. Within a few more years

the project should be complete.



5/8" meter with AMR radio transmitter

SANIBEL BAYOUS MAINS REPLACEMENT...

The residents of Sanibel Bayous must be thrilled to see the newly paved roads in their neighborhood. IWA completed the water mains replacement project this spring and completed all restoration prior to the repaving project. Service interruptions were minimal, and our crews even received a few compliments along the way.



Driveway restoration in Sanibel Bayous

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BOARD RECOGNITION DINNER...



President Bob Lindman presents plaque to outgoing Board Member Tim Gardner

On April 13, 2011, a dinner party was held at Normandie's restaurant at the West Wind Inn, to honor outgoing Board Members Bill Fenniman and Tim Gardner.



President Bob Lindman presents plaque to outgoing Board Member Bill Fenniman

Tim has completed his sixth two-year term on the Board. He served as President of the Board from 1998-1999, and again from 2008 to 2009.

Bill has completed his third two-year term, serving as President from 2009 to 2010.

We wish them the best and look forward to them stopping by and visiting Lizzie while they entertain us with one of their many anecdotes...

CONSUMER CONFIDENCE REPORT...

The 2010 edition of IWA's Annual Drinking Water Quality Report also known as a Consumer Confidence Report (CCR) is included as an insert with this newsletter. Combining the two documents helps minimize our postage costs. This EPA-required annual report covers our water quality for 2010. IWA's water meets and exceeds all water quality standards, as has always been the case in the past. Please read over this information when it arrives, and if you have any further water quality-related questions, just give our Production Manager, Phil Noe, a call on (239) 472-2113 (extension 122).



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The Island Water Association, Inc.
P.O. Box 509
Sanibel, FL 33957