



IWA PIPELINE



SUMMER 1988

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IWA makes big city news

In the May 15 issue of the Sunday New York Times IWA's reverse osmosis system was cited as the best way out of the water shortages that face Long Island.

The article by Dan Dramer describes Sanibel and Captiva as a microcosm of Long Island with the same problems of producing sufficient water for an expanding population.

Mr. Dramer points out the advantages of our reverse osmosis system, chief among them its ability to be expanded quickly to meet the needs of growth. "In a short time the Sanibel facility could be expanded from its current production of 2.4 million gallons a day to 3.6 million gallons a day."

The article concludes with a request for investigation of the possibilities of reverse osmosis on Long Island. "Reverse Osmosis has made Sanibel/Captiva water-independent now and in the future. The entire program began with a feasibility study...shouldn't we be getting our feasibility studies underway?"

We couldn't agree more.



Capital Ideas

IWA continues to meet annually with various government agencies. Recently we have met with the Sanibel City Council and the Sanibel and Captiva Fire Control Districts. Included in the discussions were our capital improvement plans including fire hydrant protection for the next five years and our production expansion program.

IWA representatives have also met with John Morgan, Director of The South Water Management District, to discuss aquifer monitoring and well plugging. It was gratifying to learn from Mr. Morgan that our well plugging program is paying off to the tune of 100 to 1. That is, for every dollar we spend to plug wells we are saving \$100 in water treatment.

Hurricane plan revised again

Last year IWA revised its hurricane plan. Before that change plant operators were supposed to leave for safe haven after shutting down the entire water supply system. Under the new rules operators were instead instructed to first put two of IWA's seven water tanks on automatic "cruise control" so their pumps would run, on LP gas if necessary, until they were empty or the storm was over.

The newest wrinkle, adopted this year, will split the system in half at about Rabbit Road so one tank can serve each area. This way a break at the Lighthouse end of Sanibel won't affect Captiva, or vice versa. In all, 4 million gallons of water will be at risk, leaving about 12 million gallons in safe storage for the period after the storm.

IWA will miss Bill Lees

William T. Lees, Secretary of the IWA Board of Directors, passed away on June 22. Mr. Lees, a retired hospital administrator, served on the IWA Board since June of 1984.

At the memorial service Bill Angst spoke of Mr. Lees' contribution to IWA as follows:

"Bill's first meeting as an IWA Director was June 12, 1984. During the four years since then we learned to rely more and more — perhaps more than he even knew — on his quiet judgment, which was so often 'on the mark'.

"What he said and what he did reflected a kindness and a helping nature we all learned to appreciate. We will miss those qualities, and also the good-natured humor that made us enjoy being with him.

"We miss you Bill."

Council passes resolution for water conservation

The Sanibel City Council has passed a resolution urging all Sanibel citizens and visitors to voluntarily eliminate or curtail non-essential uses of water.

A phase 1 water shortage has been declared by the South Florida Water Management District for a large portion of Lee County.

While IWA has been granted a variance from the restrictions necessitated by a phase 1 shortage, the Management District has asked that IWA voluntarily comply.

The resolution urges the people of Sanibel to reduce or eliminate the following:

- The use of water for irrigation
- The use of water for washing sidewalks, driveways, exterior siding and porches
- The use of water for washing cars, trucks and other vehicles
- The use of water for dust control except as required for public health

The resolution also suggests conservation measures such as keeping water in the refrigerator for drinking and using drought tolerant vegetation for landscaping.

Fire hydrant update

In our continuing program to provide fire hydrant protection for all of the islands IWA has allocated approximately \$100,000 for the coming year.

Areas scheduled for hydrant protection in the rest of 1988 include: Vinca Way, Sanddollar Drive, Coconut Avenue, Castaways Lane, Harbour Lane and South Yachtsman Drive.

Bay Drive will also get hydrants — an added bonus from the replacement of existing mains in poor condition.

Update on water quality

As we've reported previously IWA is regularly testing its water for lead, sodium and other contaminants. Another regular test is for the group of chemicals called "trihalomethanes" (THMs). These are produced when chlorine, used to protect against bacterial contamination, reacts with various organic molecules. THMs cause increased cancer risks over an extended period of consumption, according to government authorities.

The majority of water consumers in Southwest Florida, with the exception of Cape Coral and Sanibel/Captiva, receive mailed notification required by law that their drinking water may cause health problems.

We are fortunate that the water which we take from our deep artesian aquifers, while it contains salt, contains virtually no organic matter. Therefore, our chlorination process produces no detectable level of THMs. One more reason why Sanibel/Captiva is a great place to live.



If you are interested in knowing more about the safety of your water, all of our tests, conducted by an independent certified laboratory, are available for your inspection at the IWA office.

Two meter reading improvements

In response to recent comments about varying periods between monthly meter readings IWA has revised its schedule. In the past it was possible that the period between readings of a given meter might vary as much as 10-12 days a month. The result was a seemingly high water bill in a month when the meter reading period was as much as 37 days.

The new schedule will bring this fluctuation down to a maximum of five days so that monthly water charges will be more consistent.

Also, bills will be mailed out faster when the newly ordered electronic meter reading system is installed. Meter readers will carry miniature computers which will be plugged into IWA's billing machine at the end of each day to produce bills automatically.

Garrison made Chief Plant Operator

Paul Garrison has been appointed to the post of Chief Operator at the R.O. Plant replacing Bob Oreskovich who left IWA to manage an R.O. facility in the Outer Banks of North Carolina.

Garrison has been with IWA since February 1985. Previously he had worked for Florida Cities Water.

Employee news

Two IWA distribution employees, Dan McLeod and Ron Levitt, have completed training in Gainesville and have been certified as water distribution technicians.

Edward Heindl has joined IWA as a Water Treatment plant operator after completing his service in the U.S. Army.



Coyne appointed to IWA Board

Dr. Robert M. Coyne has been appointed to the IWA Board of Directors to fill the seat formally held by Bill Lees.

Dr. Coyne has owned property on Sanibel since 1973 and moved to the islands in 1983 when he retired from his practice of orthodontia in Dayton, Ohio.

He has served as chairman of Committee of the Islands and as a board member of St. Isabel's Parish.

THE ISLAND WATER ASSOCIATION, INC.
COMPARISON OF 1988 BUDGET TO ACTUAL RECEIPTS AND DISBURSEMENTS

<u>RECEIPTS</u>	<u>1988 Budget</u>	<u>SIX MONTHS OF</u>
		<u>Actual Receipts</u>
Water Sales	\$1,624,998	\$1,895,922
Interest	25,002	35,822
Other Receipts	4,998	7,790
Connection Fees	200,000	96,529
<u>TOTAL RECEIPTS</u>	\$1,854,998	\$2,036,063
Carryover (1/2)	387,380	387,380
<u>TOTAL FUNDS</u>	\$2,242,378	\$2,423,443
<u>DISBURSEMENTS</u>	<u>1988 Budget</u>	<u>SIX MONTHS OF</u>
		<u>Actual Disbursements</u>
Wages and Benefits	\$552,941	\$537,193
Professional Fees	39,006	28,816
Electricity	279,366	306,179
Telephone	8,250	5,845
O & M Service & Supply	223,200	248,260
Motor Fuels	6,882	6,294
Insurance	52,596	33,576
Postal Charges	5,502	5,703
Travel, Training, Conferences	10,662	9,498
Debt Repayments (Farmers Home Admin.)	150,234	150,234
Capital Expenditures	787,753	367,475
Contingency Fund	50,000	0
<u>TOTAL DISBURSEMENTS</u>	\$2,136,362	\$1,699,073
<u>EXCESS OF FUNDS OVER DISBURSEMENTS FOR SECOND QUARTER</u>		\$724,370
<u>FOR CASH POSITION ADD 1/2 CARRYOVER (\$387,380)</u>		\$1,111,750
<u>LESS RESERVE REQUIREMENTS & CONTRACTURAL OBLIGATIONS</u>		\$562,468
<u>NET AVAILABLE FUNDS</u>		\$549,282

These figures represent the unaudited accounts as of June 30, 1988.

William D. Anger

William D. Anger
 President