



# IWA PIPELINE



SPRING 1990

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## Clean your planet

On Sunday, April 22 Sanibel and Captiva celebrated Earth Day. About 1,500 gathered at the Sanibel-Captiva Conservation Foundation for a reaffirmation of our responsibilities to our planet.

The Foundation hosted a "Water Fair" aimed at showing the importance of conservation. IWA gave plant tours, provided parking and "popped" for a picnic lunch for all comers.



# SAVE WATER

Wear something dirty

## Whoops!

There has been a slight glitch in the construction of the new water tank on Captiva. A power line on the property will have to be buried before construction of the tank can continue. The power line was originally thought by the contractor to be a low voltage line which would not cause any problems. It turns out that the line is the main trunk line to Upper Captiva!

Construction is expected to be delayed for about six weeks.

## Did you know?

One of the reasons that the power lines pose a problem for the tank construction is the method by which the tanks are built. First a thin steel shell is erected. This is covered with sprayed concrete. Then a special truck drives around and around the shell, wrapping it with strong steel cables from top to bottom in preparation for a final concrete spray coat. Occasionally during the wrapping process the cable will break and lash back around the tank. That presents more than enough danger without a high voltage power line being in the way.

## Welcome to New IWA Employees

We wish to welcome new IWA employees Patrick Rowe, Distribution Technician and Jon B. Gasaway, Plant Operator Trainee. Sanibel resident Shelly Schomburg, is temporarily serving as Assistant to the Distribution Supervisor while Ronald C. Ramsey is recovering from a serious illness. Shelly moved to Distribution from the Engineering Department where she was a draftsman.



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## New approach

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Florida is famous for smelly well water and these Islands are no exception. All of the water we draw out of the ground contains hydrogen sulfide which gives the water that rotten egg smell.

In the past IWA has gotten rid of hydrogen sulfide using a system of airblowers that blow air into the water and the hydrogen sulfide out into an air scrubber. The process has worked well enough but it does have two drawbacks. First, it puts a lot of aggressive oxygen into the water which can cause damage to copper pipes. Second, some of the hydrogen sulfide is still blown into the air and that makes IWA a bad neighbor if the wind isn't just so.

Now IWA has a new method of solving the hydrogen sulfide problem without causing any problems with plumbing or odor. It's so new that IWA is seeking U.S. patents on the process.

The main ingredient of the process is chlorine which has historically had a bad name to some users, but which is the basis of most water purification. The new process allows the use of chlorine to remove the hydrogen sulfide without adding any chlorine taste or residue in the water.

The new process will require a new building at the R.O. Plant site. The building will house the chlorination equipment as well as the full and empty chlorine tanks.

Construction on the new building is scheduled to begin this year. The cost of the facilities is estimated at \$250,000.

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## Regional Authority Update

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Some time ago we reported on the proposed Regional Water Supply Authority for Lee County. The Authority would be governed by a board composed of representatives of the county and cities involved. Its job would be to make the most efficient long-term use of Lee County's water sources.

The City of Sanibel, with the encouragement of IWA, has posed a resolution agreeing in spirit that such an Authority is needed. It will be some time before the final draft of the agreement is ready.

Cape Coral has voted against participating in the group, but this will not stop it.

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## Stick'em up!

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For the second time we are sending IWA customers a year's supply of address stickers to make your bill paying easier. You still have to provide the envelope but maybe your writer's cramp will clear up.

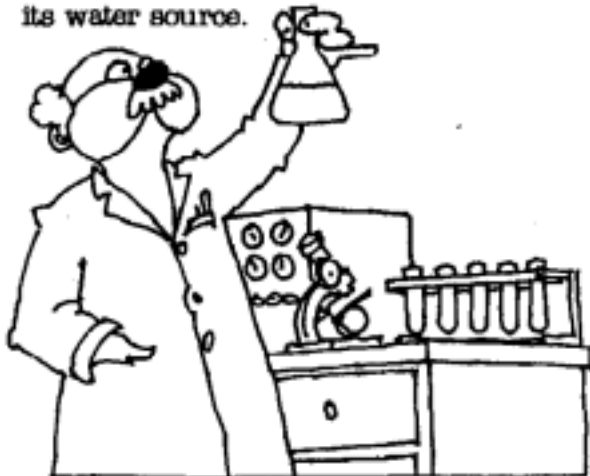


## Conservationists told about IWA wells

On April 12 a group of officers and members of the Sanibel-Captiva Conservation Foundation met with IWA employees Bob Hollander and Dick Derowitech to discuss the condition of the wells and aquifers we depend on for all our water supply. IWA had just asked its computer to reveal overall trends in almost 4,000 well water quality measurements taken on Sanibel since 1976.

Both the long- and short-term trends are very good for the wells supplying the R.O. Plant. Over the past two years the quality and quantity of these wells has remained virtually stable. The three newest R.O. wells located on SCCF property near the entrance to Gulf Pines and Gulf Shores have proven to be excellent, with good quality water at high yields.

The older wells used for the E.D. Plant are getting more salty but at a rate less than predicted. IWA assured the Foundation group that it will continue its constant watch of quality and quantity of its water source.



## Byfield is new director

At the Annual Meeting on April 9 Cloyce Brooks retired from the Board of Directors after seven years. Abbott Byfield was elected to take his seat on the Board. Jim Hermes was re-elected to his third two-year term on the Board.



## Detour!

Captiva is now receiving its water through the temporary pipeline at Blind Pass. As soon as the new bridge is ready a new and larger pipeline will be run. It has provided an excellent opportunity for IWA to provide as strong and trouble-free a link to Captiva as possible. That could make a big difference if a hurricane comes to the area.



**THE ISLAND WATER ASSOCIATION, INC.**  
**COMPARISON OF 1990 BUDGET TO ACTUAL RECEIPTS AND DISBURSEMENTS**

<u>RECEIPTS</u>	<u>1990 Budget</u>	<u>THREE MONTHS OF</u> <u>Actual Receipts</u>
Water Sales	\$ 974,980	\$ 961,790
Interest	18,750	21,790
Other Receipts	2,600	1,564
Connection Fees	35,000	20,369
<b><u>TOTAL RECEIPTS</u></b>	<b>\$1,031,230</b>	<b>\$1,005,513</b>
1/4 1990 Carryover	296,911	296,911
<b><u>TOTAL FUNDS</u></b>	<b>\$1,328,141</b>	<b>\$1,302,424</b>
<u>DISBURSEMENTS</u>	<u>1990 Budget</u>	<u>THREE MONTHS OF</u> <u>Actual Disbursements</u>
Wages and Benefits	\$ 310,254	\$ 310,378
Professional Fees	16,878	27,294
Electricity	166,674	155,587
Telephone	3,501	3,069
O & M Service & Supply	162,780	106,386
Motor Fuels	3,399	2,078
Insurance	28,124	26,252
Postal Charges	3,000	3,213
Travel, Training, Conferences	5,826	3,087
Debt Repayments	62,828	4,293
Capital Expenditures	330,219	133,579
Contingency Fund	37,600	0
<b><u>TOTAL DISBURSEMENTS</u></b>	<b>\$1,128,980</b>	<b>\$ 775,216</b>
<b><u>EXCESS OF FUNDS OVER DISBURSEMENTS FOR 1990</u></b>		<b>\$ 527,208</b>
<b><u>FOR CASH POSITION ADD REMAINING CARRYOVER (\$890,734)</u></b>		<b>\$1,417,942</b>
<b><u>LESS RESERVE REQUIREMENTS &amp; CONTRACTUAL OBLIGATIONS</u></b>		<b>\$1,215,820</b>
<b><u>NET AVAILABLE FUNDS</u></b>		<b>\$202,122</b>

These figures represent the unaudited accounts as of March 31, 1990

*Thomas A. Sharp*

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President