



# IWA PIPELINE



FALL 1987

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## Whoops!

Thanks to our last newsletter the system for preparing our water system for a hurricane has been revised. City officials noted in our article that the system approved by the Lee County Commission in 1979 would be impractical. That old system required IWA to shut off all mains as early as 36 hours before predicted landfall of the storm. O.K. on paper, but considering the way hurricanes (including Floyd) really act, this could result in residents having their water shut off even without any storm landfall in our area.

The new system leaves at least one of our seven tanks on line and pressured by a gas-driven pump to keep the entire distribution system operative. If mains were damaged during the storm some water would be lost but the great majority of our 18 million gallons in storage would be secure for use after the storm.

The new system was used for Hurricane Floyd, and it worked perfectly.



## A wilting record

In case you hadn't already guessed, an exceptionally dry August and September caused unprecedented water usage. In fact, it was the biggest pumpage for these two months in IWA history with a total usage of 160 million gallons, almost a 80% increase over last year.



## Water, water everywhere but...

In order to provide Captiva with much needed fire protection IWA will proceed with plans for additional water storage on the island.

Captiva presently has a maximum storage capacity of 125,000 gallons. This is far below the amount required for adequate fire protection for residential and commercial structures.

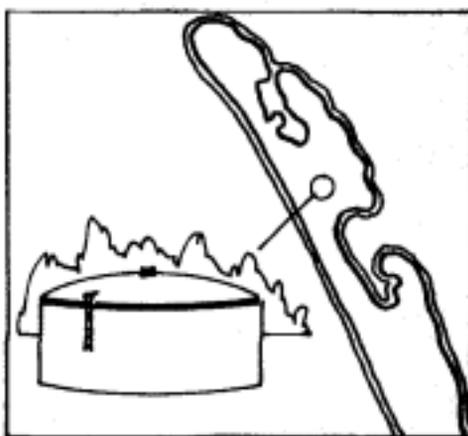
The plans call for a new one million gallon tank on property within South Seas Plantation. Along with a new pump station and piping it will serve all of Captiva. The million gallon capacity will also provide a back-up supply during emergencies.

Mariner Properties has agreed to donate \$75,000 to cover the costs of environmental permitting and to donate the necessary property.

It is estimated that the total cost of the project will be \$675,000. IWA approached the Captiva Fire Control District for assistance but an opinion from the Florida Attorney General's Office prevented such funding. The Farmer's Home Administration also turned down IWA's request for financing, citing new barrier island regulations.

IWA has requested that the Lee County Commission consider using Causeway Surplus Funds for the project after the need for erosion control improvements has been met.

The IWA Board of Directors has decided to begin the first stages of the project—namely the construction engineering that will enable final costs to be determined.



## Where does it all go?

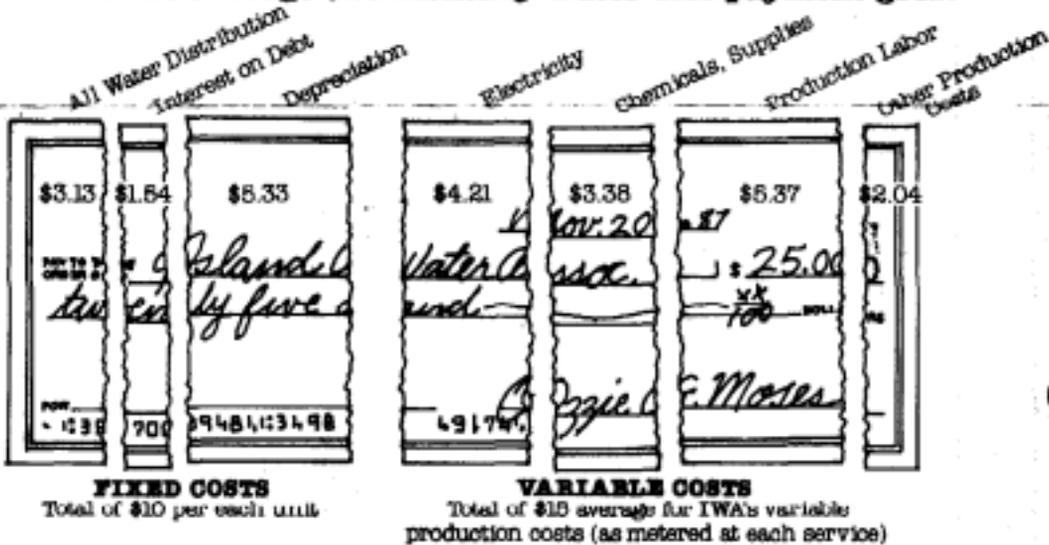
Occasionally we are asked by people who do not occupy their homes full time why there is a need for a monthly demand charge of \$10.00 when no water is being used.

In simplest terms the demand charge covers all of the costs of operating the IWA

system that don't change when water is used. These "fixed costs" comprise about 40% of our total operating expenses.

The situation is common to all utilities. You're spending money whether or not you're on the phone, have lights on or have your trash cans by the side of the road.

## Where the average \$25 monthly water bill payment goes:



Financial: These figures represent the unaudited accounts as of Sept. 30, 1967.

RECEIPTS	NINE MONTHS OF	
	1967 Budget	Actual Receipts
Water Sales	\$2,287,500	\$2,250,042
Interest	30,000	44,288
Other Receipts	3,750	7,529
Connection Fees	300,000	299,240
<b>TOTAL RECEIPTS</b>	<b>\$2,621,250</b>	<b>\$2,601,099</b>
Carryover		774,760
<b>TOTAL FUNDS</b>		<b>\$3,375,859</b>
DISBURSEMENTS	NINE MONTHS OF	
	1967 Budget	Actual Disbursements
Wages and Benefits	\$ 793,204	\$ 722,512
Professional Fees	61,275	66,538
Electricity	451,250	362,278
Telephone	10,360	11,180
O & M Service & Supply	357,188	356,304
Motor Fuels	10,500	9,445
Insurance	79,125	87,274
Postal Charges	8,220	7,806
Travel, Training, Conferences	18,585	14,240
Debt Repayments (Farmers Home Admin.)	225,261	225,261
Capital Expenditures	701,631	351,306
Contingency Fund	75,000	0
<b>TOTAL DISBURSEMENTS</b>	<b>\$2,771,849</b>	<b>\$2,193,639</b>
<b>EXCESS OF FUNDS OVER DISBURSEMENTS</b>		<b>\$1,182,460</b>
<b>LESS RESERVE REQUIREMENTS &amp; CONTRACTUAL OBLIGATIONS</b>		<b>\$ 796,034</b>
<b>NET AVAILABLE FUNDS</b>		<b>\$ 386,426</b>

*William D. Angst*

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