

State seeks PGE help with fish



By George MacAlevy

FROM THE RIVER'S EDGE

Florida is a different sort of place, particularly the cluster of cities around Tampa Bay

and Sarasota Bay. These cities all have grown to the point that they run into each other. Tampa occupies the area North and east of Tampa Bay, on the West is Clearwater running part way down a large peninsula which forms the west boundary of the bay. Crammed into the rest of the peninsula with no way to expand is St. Petersburg. South of Tampa is Palmetto and South of Palmetto is Bradenton, and South of Bradenton is Sarasota, and South of Sarasota is Venice. All along the outer coast and in the bays are islands, called Keys by the Floridians.

These Keys are also occupied with communities or clusters of communities and nowhere are they devoid of people and their works. Condominiums, Villas,

Mobile Jome Parks, Estates, and plaza like Shopping Centers are everywhere. And everywhere is traffic. You can drive for forty five miles in a straight line and be in city all the way. Except for the bridges!

Beside the great bays and the keys, the Manatee river enters Tampa Bay here. This river is the northern boundary of Bradenton. You drive out of Sarasota to Bird Key, and on to other keys. Everywhere are bridges, and nothing is too wide for the engineers of this region to build a bridge across. The bridge across lower Tampa Bay from St. Petersburg is 14 miles long. Across Old Tampa Bay between Tampa and Clearwater are three bridges. The Oldest, Gandy Bridge, is a landmark. All three of these are several miles long. You hop from key to key via bridges of varying length. Some of these watery crossings are made on interrupted causeways with a short bridge here and there to facilitate boat traffic.

Palm trees are everywhere, and of many kinds. Everybody has at least one palm tree. Streets are lined with them. The most unusual is the Royal Palm with its grey trunk like a

concrete pillar. The top several feet, before you get to the fronds themselves is a bright shiny green. It looks as though someone has just enameled these topmost feet of trunk. The squat pineapple palms look just like their name. A frond topped gigantic pineapple. There are large palms and small palms, Washington palms and Palmettos, coarse palms and fine fernlike palms, but millions of palms.

Behind some of the palms are restaurants, and some restaurants are behind giant parking lots, for most people eat out there, it would seem. From five o'clock on, you stand in line to get in to the restaurants, and it isn't a short line either. Restaurants are very reasonable there, whereas their supermarkets have prices as high as ours. Many of the people figure it is cheaper to eat out than to eat at home.

And people there are. The traffic is bumper to bumper all the time. You can't get in a hurry there, there isn't room too. The malls, stores, the beaches and fishing piers, and of course the restaurants, all are crowded. Four things stick in my mind about this part of Florida; Palms, People, Restaurants and Bridges.

The Oregon Game Commission and Fish Commission have advised Portland General Electric Company that they will seek adequate fish passage facilities and stream flows at the Bull Run Project should the company request Federal Power Commission relicensing.

PGE's license to operate the Sandy River hydroelectric complex expires in 1974.

John McKean, state game director, said the two agencies will intervene and request provisions in the license to correct several problems affecting fish and wildlife.

The most serious problems, according to McKean, are caused by inadequate stream flows and passage deficiencies which impede the full development of anadromous fish runs in the Sandy and Little Sandy rivers.

A joint letter pointed out that lack of adequate flows for fish migration and rearing is most acute between Marmot Dam

and the mouth of the Bull Run River.

It was requested that PGE consider ways of altering the project's operation to provide adequate flows or natural stream flows in 1972.

The commissions provided an outline of stream flow requirements in both the Sandy and Little Sandy rivers.

It was also pointed out that late summer flows in the Sandy below the mouth of Bull Run have fluctuated from 50 to over 700 cfs in one hour's time.

Observations show such fluctuations to be detrimental to fish migration, spawning and rearing, expose redds and often strand fish in shallow areas.

On the Little Sandy, the entire flow is cut off at an upstream diversion dam except during heavy runoff. Adult salmon and steelhead attracted to the dam at high water are left stranded as the flow subsides.

It was recommended that

adequate flows be allowed at all times from the diversion dam to the mouth of the Little Sandy for anadromous fish migration and production.

The commissions also requested the company to modernize the Marmot fish ladder or provide new facilities to insure adequate fish passage and to construct fish passage facilities on the Little Sandy diversion.

Another wildlife problem is also associated with the Bull Run Project. An unfenced portion of the Marmot Canal presents a hazard to black-tailed deer which accidentally enter the canal and become trapped.

The company was requested to fence this portion of the canal and provide one deer crossing.

Permit issued

Brook Strensude have been issued a \$2916 building permit for an office at 18621 E. Burnside. Garon Co. of Vancouver is the builder.

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Hoodland Hoppers
March 22, 1972

	W	L
Bowman's	54 1/2	29 1/2
Barlow Trail	47 1/2	38 1/2
Hoodland AG Mkt	46	38
Hoodland TV	45 1/2	38 1/2
Zig Zag Inn	45 1/2	38 1/2
Brightwood Garage	44	40
Log Lodge	40	44
Cats' Meow	38 1/2	45 1/2
Bert's Bty Shp	38	46
Post Electric	37 1/2	46 1/2
The Inn Between	36	48
Carlson Chevrolet	31	53
High Individual game and series: Helen Gossett 210; Jo Thornberg 544.		
High team game and series: Post Electric 658 and 1836.		

Hoodland Hoppers
MARCH 29, 1972

	W	L
Bowman's	57 1/2	29 1/2
Barlow Trail	48 1/2	38 1/2
Zig Zag Inn	47 1/2	39 1/2
Hoodland AG Mkt	47	40
Hoodland TV	45 1/2	41 1/2
Brightwood Garage	45	42
Log Lodge	42	45
Bert's Bty Shop	40	47
Cats' Meow	39 1/2	47 1/2
The Inn Between	38 1/2	48 1/2
Post Electric	38	49
Carlson Chevrolet	33	54
High team game and series: Brightwood Garage 632; The Inn Between 1762.		
High individual game and series: Audra Show 215; B. J. duBiel 577.		

Hoodland Hoppers
APRIL 5, 1972

	W	L
Bowman's	59 1/2	30 1/2
Zig Zag Inn	50 1/2	39 1/2
Barlow Trail	49 1/2	40 1/2
Hoodland A G. Mkt	49	41
Brightwood Garage	47	43
Hoodland TV	45 1/2	44 1/2
Log Lodge	43	47
The Inn Between	41 1/2	48 1/2
Bert's Bty Shp	41	49
Cats' Meow	40 1/2	49 1/2
Post Electric	40	50
Carlson Chevrolet	33	57
High team game and series: Bowman's 614; Zig Zag Inn 1762.		
High individual game and series: Carolyn Dugg 205 and 538.		

SANDY MEN'S
4-6-72

	W	L
McKinnon Entrprs	36 1/2	19 1/2
Sandy Rexall	34	22
Swails Pibg	33 1/2	22 1/2
Clackamas Cty Bk	29	27
Meier Dairy	27	29
Thriftway	24	32
Smith Motors	22	34
Cedar Plaza	18	38
High Ind. Game and series: Keith Schneider 222; Howard Berger 570.		
High team game and series: McKinnon Ent. 966 and 2835.		

MT. HOODERS
Apr. 6, 1972

	W	L
Ore. Trail Svgs	27 1/2	17 1/2
Williams Thriftway	26	19
Jennie Welch's Atqs	26	19
Pioneer Real Est	25 1/2	19 1/2
Cedar Plaza	22	23
Dea's In & Out	18	27
Sandy FnrI Hme	18	27
Ethel's Bty Shp	17	28
Oregon Trail Savings is league champion, play-off between Jennie Welch's Antiques & Williams Thriftway for 2nd place.		
High individual game and series: Donna Astleford 255 and		

Bowling News

EARLY BIRDS
April 10, 1972

	W	L
Swails Pibg	39 1/2	16 1/2
Hide-a-way Crms	34	22
Ted's Tackle Shop	33	23
Lewis Hrdwre	32	24
Sandy Lbr & Hrdwrd	29	27
Zig Zag Inn	24	32
TJ's	16 1/2	39 1/2
Pioneer Motel	16	40

Bowling News

High team game and series: Dea's In and Out 924; Oregon Trail Savings 2600.

High individual game and series: Betty Chestnut 209 and 525.

High team game and series: Ted's Tackle Shop & Hide-a-way Ceramics 675; Hide-a-way Ceramics 1948.

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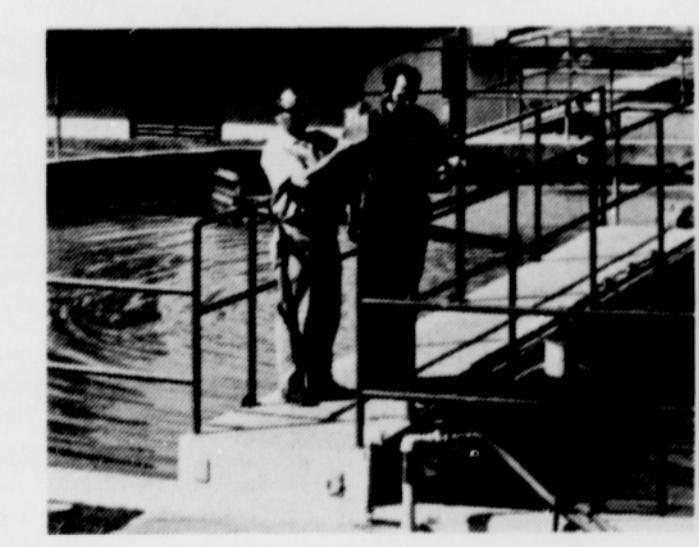
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A typical example is the Oak Lodge Sanitary District plant shown above. It needed 141,696 kilowatt hours of electricity in January to do its job. But what a job it does. It purifies approx-

imately two million gallons of raw sewage per day. Two million gallons a day! It serves some 20,000 businesses and residents. . . . returns the water to the Willamette river approximately 90% free of impurities.

Yes, electricity is doing a vital job in helping this area clean-up. That's why PGE is building to make sure the increased need for electricity will be provided for in the years to come. Nuclear generation is a clean answer to our power needs.

We want your children and grandchildren to have clean water to fish in come the '80's and before.

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- For a healthy economy . . . an ample supply of electricity is the basis of a prosperous Oregon with jobs for us today . . . and for our children tomorrow.
- For preserving and enhancing the environment . . . clean electricity is the vital energy absolutely needed to rid our air, water and land of pollution.

Phone or visit a PGE office for your free brochure on "Why Oregon needs more power."