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by ancestry



Quiet crusade against deadly low-head dams

suit in Philadelphia Common Pleas Court in late 2000. "Her goal is to have this never hap-pen again."

Other terms of the settle-

ent, including financial com-ensation to House and five sur-

pensation to House and five surviving children, have not been made public.

House said in an interview last week she hoped the removal of the Goodrich dam would heighten public awareness of the dangers of low-head dams and spur the demolition of other dams no longer in use.

"Marking them is not the answer,"

House said. "Signs do no good. These dams are not used for what they were built for. They serve no purpose. When a dam is causing deaths, there is a

When a dam is causing deaths, there is no other answer. It has to be removed." when he did water safety experts say that with the arrival of spring, it is important for people who use creeks and rivers to be aware of the dangers. The dams can be alluring. During normal stream flows, the long ponds that back up behind them appear benign and inviting. They are magnets for fishermen, boaters and swimmers.

swimmers. For the last decade, the Penn-sylvania Fish and Boat Commission, the state Department of Environmental Protection, and American Rivers, an organiza-tion that promotes free-flowing vaterways, have been working to remove abandoned and unstable dams

More than 100 in Pen a have been demolished. Two-

thirds of the removals have been financed with state and federal funds and private

The average demolition cost is surprisingly low: \$50,000. Of-ten, the work can be done with

is suprisingly for \$3,000.00 tien, the work can be done with a backhoe. Scott Carney, a biologist with the Fish and Boat Commission who coordinates dam removals, said about 50 more dams in Pennsylvania are slated for removal, 15 of them in the Philadelphia area.

"It's the best thing for the environment, and it's the best thing for public safety to get rid of these things," Carney said. "When you're going down

you're going down one of these rivers, it's very hard to see these dams when you're upstream. There are times when you literally cannot see them."

cannot see them."

Carney said an engineering study will be done to determine the best way to remove the Good-

rich dam.

Thomas P. Wagner, attorney for Oaks Mills Inc., a development company that bought the Goodrich manufacturing site in 1989, said his client's goal is to remove the dam within a year.

"It's no longer serving the purpose for which it was built in the 1940s," Wagner said. "It should be removed as quickly standard to the said."

should be removed as quickly as can reasonably be done.' C. Scott Toomey, lawyer for

Goodrich, did not comment on the settlement. The dam has not been used for any industrial purpose since the mid-1980s, when Goodrich shuttered its manufacturing op-

THE PHILADELPHIA INQUIRER

the 164-acre property with all "appurtenances," according to the deed — to Oaks Mills for \$7.5 million.

keeping regulatory hurdles to a one of them.

The Fish and Boat Commis-

The backwash from a secondary

These dams can be death traps for boaters, swimmers

or after storms.

An estimated 2,000 similar but less dangerous dams in the state do not require such mark-

Currents intensify and can carry swimmers or boaters over the dam.

state do not require such markings.
Still, water safety experts say even small dams can be deadly in high water.

New Jersey, according to that state's Department of Environmental Protection, has 120 lowhead dams. A department spokesman said their removal is not a high priority.

After filing suit, Pichini, lawyer for House, and other lawyers at the firm of Litvin, Blumberg, Matusow & Young, meticu-

17 to 23, had drowned there

From the upstream view, the dam can be

almost invisible

Low-head dam

Dams were built generally for industrial purposes.

In Pennsylvania they can be as wide as 3,000 feet,

as narrow as 12 feet.

When a person is trapped at the base of the dam, it is almost impossible to escape the powerful, churning waters. It is like being caught in a giant washing machine.

17 to 23, had drowned there while canoeing in February 1977. The parents of those victims sued B.F. Goodrich. As part of a settlement, the company agreed in 1980 to post warning signs at the dam. In August 1993, a 19-year-old Upper Merion Township man who was swimming in the Perkiomen drowned in the spinning waters at the base of the dam. Although warnings were required, there were no signs or buoys to alert Fred and Paul House to the Goodrich dam as they paddled down the Perkionen on May 24, 2000. omen on May 24, 2000.

Fred House, a systems engineer at Lockheed Martin Corp. in King of Prussia and father of six adopted children, was taking

in king of Prussia and father of six adopted children, was taking bis youngest son on a canoe outing from Collegeville to Valley Forge National Historical Park. A friend was waiting to meet them at the park, but they never arrived. Their canoe and life jackets were found in the boil at the base of the Goodrich dam. The body of Paul House was recovered downstrem a few days later. Fred House was not found for two months. Joanna House, 44, has remarried since the tragedy. Three of her sons are grown and living on their own. Two daughters are still at home.

House said all the family members share loving memories of Fred and Paul.

She sees the demolition of the

She sees the demolition of the dam as a memorial to them.

dam as a memorial to them.
"I hope that will put them at
peace," she said. "I know Fred
would have wanted that. He
would not have wanted anyone
else to go over. He would love
this part of it — that this is for a
greater good."

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