

More Funds Requested

CHICAGO (AP) — Administrators of 40 state and interstate water pollution control agencies have urged more federal funds and more state responsibility for averting water contamination.

Curtis M. Everts of Portland, secretary of the Oregon State Sanitary Authority, said Thursday the administrators proposed that U.S. funds for research, special studies and investigations of pollution problems be tripled to about two million dollars a year.

Everts was chairman of the second meeting of the group Tuesday and Thursday. He said the administrators endorsed a resolution that would hike annual federal appropriations for municipal sewage treatment plants from 50 to 100 million dollars.

However, the administrators opposed a resolution to broaden the Federal Pollution Control Act to include navigable streams within the states. They approved a provision for federal action within the states in cases where local pollution measures were ineffective.

The administrators also urged that the states re-examine their anti-pollution statutes, particularly as to enforcement provisions and adequacy of pollution measurement yardsticks.

Milton P. Adams, executive secretary of the Michigan Water Resources Commission, was named chairman of the group's steering committee for the next year.

SHOCKING

CARMEL, Ill. (UPI) — A windstorm proved a "shocking" experience to Flint, a boxer dog. The dog's owner had fastened him to a television tower guy wire with a chain. As the tower swayed in the wind, it shocked against a live wire, giving Flint a jolt each time it made contact. He broke away and suffered no ill effects.

Los Angeles Contractor Describes Paper House

UPI Financial Editor

By ELMER C. WALZER

NEW YORK (UPI) — Here's something new and reasonably priced in housing—a paper house. But it may be a long way off for U.S. citizens because of building codes and unions, says Hal B. Hayes, California builder and inventor.

Hayes who heads his own \$32 million company, Hal B. Hayes Contractor, Inc., of Los Angeles, described the house of paper which he has designed and engineered as strong, fire resistant, flood-proof, and impervious to all the elements.

Paper houses, if they are permitted, could be constructed to cost \$5,000 for a two-bedroom home. They would be made of pulp specially treated with a chemical plastic. They would be held together in tension, the same principle that is engineered into the George Washington Bridge in New York.

The houses would be molded together and sealed by giant stapling machines, resembling large sewing machines, and they could be constructed in a week.

Since his idea is being held up here, Hayes may turn to foreign lands to erect these paper houses. He is looking to Europe, South America and Asia as possible fields. He indicated Florida might be a state where he could operate in paper housing, but isn't sure.

Hayes is no dreamer in construction. He is one of the nation's largest home builders. His company currently has contracts for \$114,500,000.

These contracts are for projects in Grand Forks, and Le Jeune, N.C.; Fort Bliss Missile Base, Texas, near El Paso; Mather Air

Force Base in Sacramento, Calif., and Beale Air Force Base, north of Sacramento. He has two other large California private projects and several others at classified bases.

He plans to expand his operations and make his company a public one listed on one of the exchanges.

Hayes believes there will be almost as much housing this year as last with builders now placing heavy orders for materials for use later on. He says much of the home financing will come from savings and loan associations which appear to be attracting more deposits than banks because of their high interest rates.

This 47-year-old contractor is regarded as a genius in concrete. Many of his 60 patents cover construction machinery and methods.

Hayes has built a prefabricated concrete house in a 34 minutes as a demonstration, and a poured concrete one in a day. However, he uses the material available on the spot in his construction.

His concrete masterpiece is a concrete boat which he says can be the basis for a fleet of concrete submarines. With a machine large enough he says he could produce ten concrete submarines an hour. The principle of his submarine is the round pipe which he says is the strongest method of construction.

Under the Hayes' system of concrete home construction, hollow outside walls are poured around cores. The forms for the interior are built around a collapsible mold.

Electrical and plumbing installations are attached to the forms and cemented in place so that very little work remains for the

mechanics once the walls are in place and the roof on. In this operation his company uses Hayes' patented concrete crane which incorporates a derrick and cement mixer. He has perfected methods of hardening concrete quickly by vibrating.

The Hayes Company employs around 9,000 workers and handles a project from start to finish, including engineering, construction, water works, sewage, roads, shopping center, post office, and all other facilities. This agile young builder crosses

the nation 10 times a month and his day generally runs to 15 hours. He'll have a lot more territory if his plans mature to add foreign nations to his operations. His operations now include supervisory aides with wide spheres of autonomy. When his

company goes public Hayes anticipates giving wider latitude to his supervisors under an incentive plan. Under this incentive plan he hopes to bring costs down in his various projects, and he hopes eventually to convince the various

states that paper houses are very worthwhile means of keeping building costs down. His next problem will be the unions which resent the new methods much as they fought for years against pre-fabricated homes, he says.

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NEW YORK BOUND were Mr. and Mrs. Mario Pastega, left, and Mr. and Mrs. Leo Bocchi, Thursday afternoon. Pastega and Bocchi, partners in the local Pepsi Cola Bottling Company, will attend an international conference of the Pepsi Cola Bottling Association in the Waldorf-Astoria Hotel. Pastega, Oregon association president, will help nominate officers. They flew from here to San Francisco and planned to fly via jet airliner to and from New York. The couples expect to visit friends in Chicago during the nine-day trip.



DR. H. M. AMBERRY, right, chairman of the Klamath County 1960 Heart Fund drive which opens February 1, visited the University of Oregon Medical School in Portland recently. Dr. Albert Starr, left, explained heart-lung machine used in open heart surgery. Eddie Mays of Portland, center, state Heart Fund chairman, listens in. Various OHA-sponsored research projects at the school and elsewhere were also outlined by the scientists involved. The campaign will climax with an all-out drive on February 28.