

OSU Slates Ocean Study Of Wastes

OREGON STATE UNIVERSITY — A comprehensive study of the disposal of sewage and industrial wastes into the ocean through long "outfall diffuser" pipes laid along the ocean floor is planned by Oregon State University.

The disposal of wastes into the ocean must be done with great care to avoid washing back onto the beaches and contamination of coastal waters used for swimming, recreation and other beneficial purposes, research leaders point out.

At the same time, development and expansion of industry along the coast is dependent on suitable and reasonably cheap disposal of large volumes of wastes produced by industries concerned, such as pulp and paper mills, and by domestic wastes from communities along the Oregon coast.

The new OSU study will provide fundamental information on the best method of disposing of wastes through outfall diffusers and how waste discharge is affected by ocean depth, currents, waves, wind, and the type of waste.

A grant of \$38,356 has been received by the Engineering Experiment Station from the U.S. Public Health Service to help support the research. Charles E. Behlke and F. J. Burgess are in charge of the research project.

They explained that one of the complications of ocean waste disposal is that ocean water is more dense—heavier—than sewage or industrial waste. As a result, wastes rise to the surface when discharged into the ocean and float in waste fields or clusters on the surface.

Currents or winds, in turn, may dump the wastes back onto the beaches ruining their use for recreation, or drift wastes into areas where its presence creates a pollution hazard preventing the use of the water for other beneficial purposes.

The investigators are going to work on the possibility of greater mixing of wastes with ocean water before they are discharged through the ports in the long diffuser outfall pipes. This would reduce the hazard of floating fields of waste and avoid excessive contamination in the vicinity of the outfalls.

Studies will also include information on the length of outfall lines necessary and methods of securing them against damage by winter storms.

Oregon's bays and estuaries are small and are highly used for recreation, fisheries, and other beneficial purposes, the engineers noted, and have only a very limited capacity for waste discharges. Development of methods for disposing of waste directly into the ocean, therefore, is important for future development of Oregon's coastal industries.

Democrats Show Pride

WASHINGTON (AP) — Democratic congressional leaders expressed pride in their performance today. Sen. Mike Mansfield of Montana said it compares well with any previous Congress.

Influential Democrats, however, still don't believe the Senate and House can wind up business for the year until Sept. 23.

Mansfield, the Senate Democratic leader, said after he and other leaders conferred with President Kennedy at the White House that "we are very proud of the record Congress has made to date." He added that by the time Congress adjourns, "we anticipate the record will be comparable with any similar period under any administration."

Acting House Speaker John W. McCormack, D-Mass., listed three appropriation bills and three other measures on a priority list. The appropriations include funds for foreign aid, public works, and to supplement money provided for government activities in previous bills.

The House also will take up legislation dealing with the Peace Corps, McCormack said, and hopes to obtain Rules Committee approval for consideration of a permanent disarmament agency and an increase in postal rates.

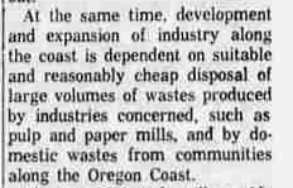
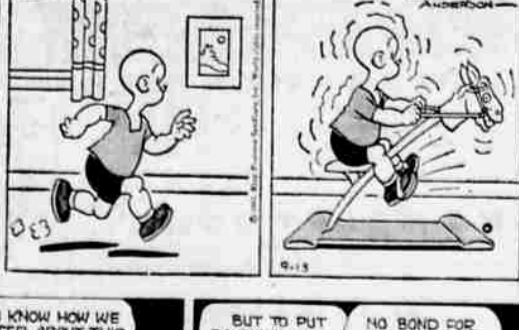
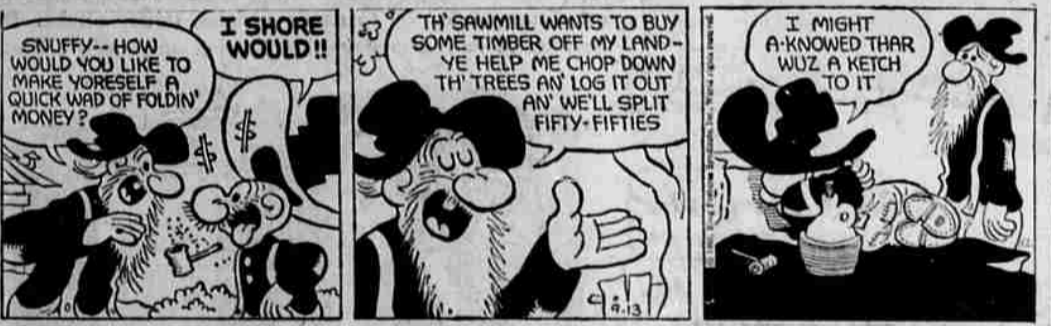
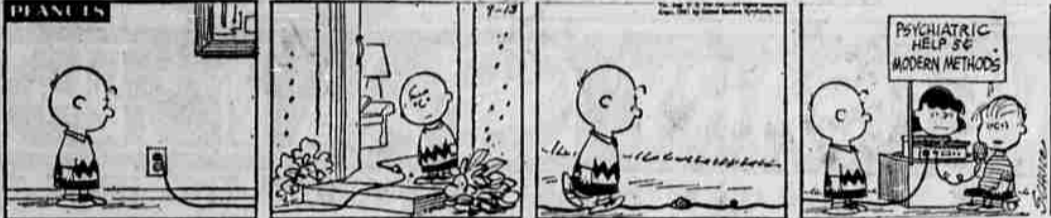
Winds, Babies Howl Together

HOUSTON, Tex. (AP) — Hurricane winds didn't howl alone near the Texas coast.

A son was born to Mrs. Ray Rubino in an elementary school shelter at Angleton Monday night. The delivery was made under the beam of a flashlight by three nurses without a doctor's help.

At Lamarque, two babies were born in the Galveston County Hospital while the city was isolated.

Mrs. Stephen Dupuis, 20, of Port Arthur, gave birth to a boy after she was taken from a refugee shelter to a hospital at Huntsville.



BORN THIRTY YEARS TOO SOON