

★ Award Winning

Sentinel Sports

UCLA Bruins

Win NCAA Title;

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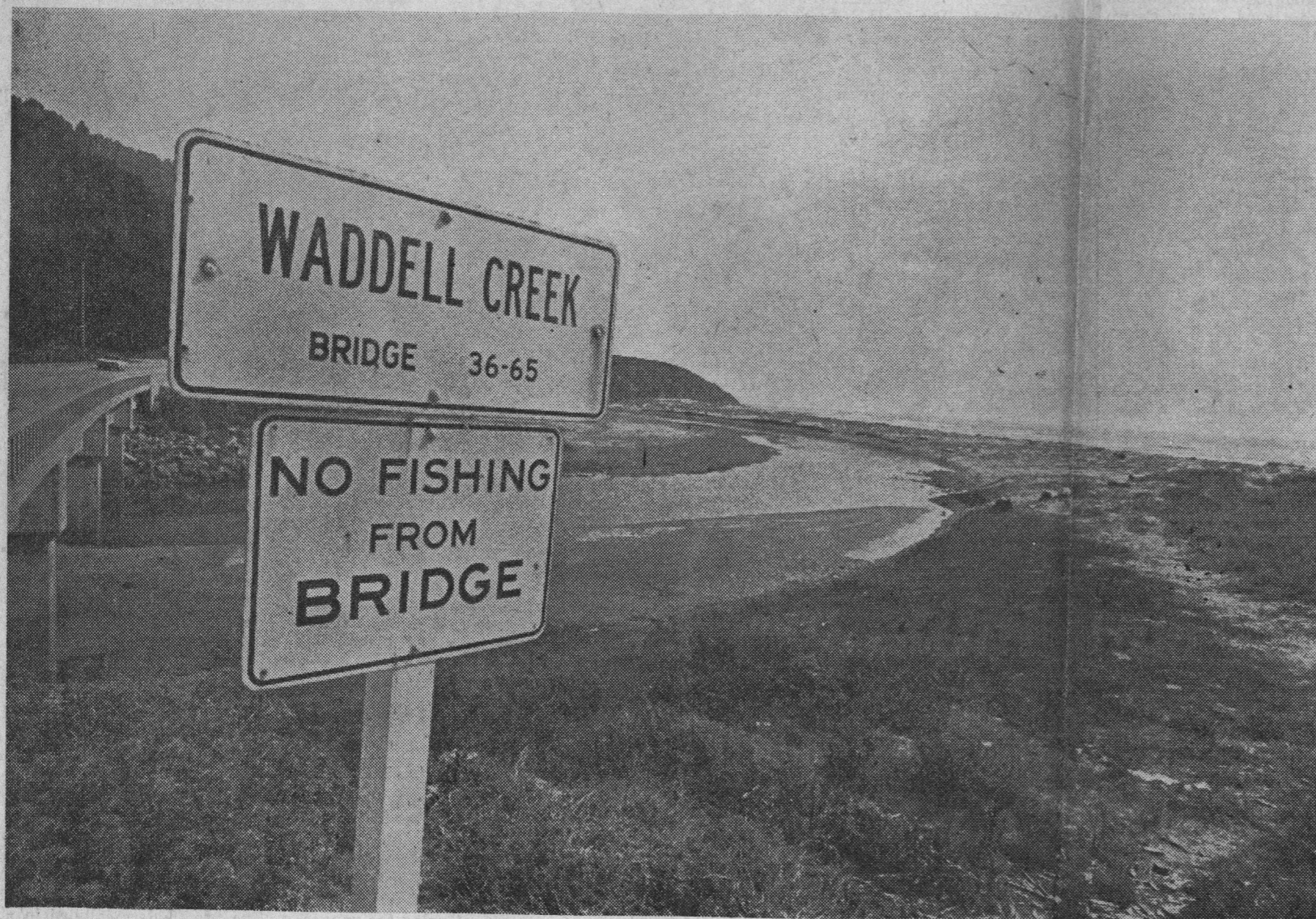
California Angels

Edge SF Giants;

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Sunday, March 24, 1968

Santa Cruz Sentinel - 11



One Of A Kind On Waddell Creek

Pacific Marine Enterprises, a Santa Cruz concern, is planning to construct and operate a one of a kind, first in the world, anadromous fish farm on Waddell Creek.

The operation would "greatly improve" sports fishing in Monterey Bay, according to PME.

The plan involves the hatching, raising, releasing and recapturing of king salmon, steelhead and silver trout, with the emphasis on salmon. These fish species possess the instinctive urge to return to the stream of their birth to spawn. PME's proposed operation revolves around this migration.

PME's Waddell facility is described in the lower left corner of this page.

Presently maintaining a hatchery in Scotts Valley, PME would construct another hatchery on Waddell Creek. There, large numbers of salmon, steelhead and silver trout would be raised, and migration-size fish released

into the creek. Subsequently, the fish will enter the Pacific Ocean.

Salmon and steelhead spend two to six years in the ocean before their spawning urge impels them back to their birthplace, in this case, Waddell Creek. Since a large percentage will not return, PME will utilize only the small percentage of fish which escape predators and sports fishermen.

The returning fish, distinguished as PME fish by the absence of the previously clipped adipose fin, will be captured. Some will be used to propagate the run, and the majority will provide fresh fish for the consumer.

According to Santa Cruzan Roger Haas, one of three people behind Pacific Marine Enterprises (Tom Tisch and Paul Schmidt, both of Palo Alto, are the other two), the proposed operation is unique in that it will use only renewable resources and in no

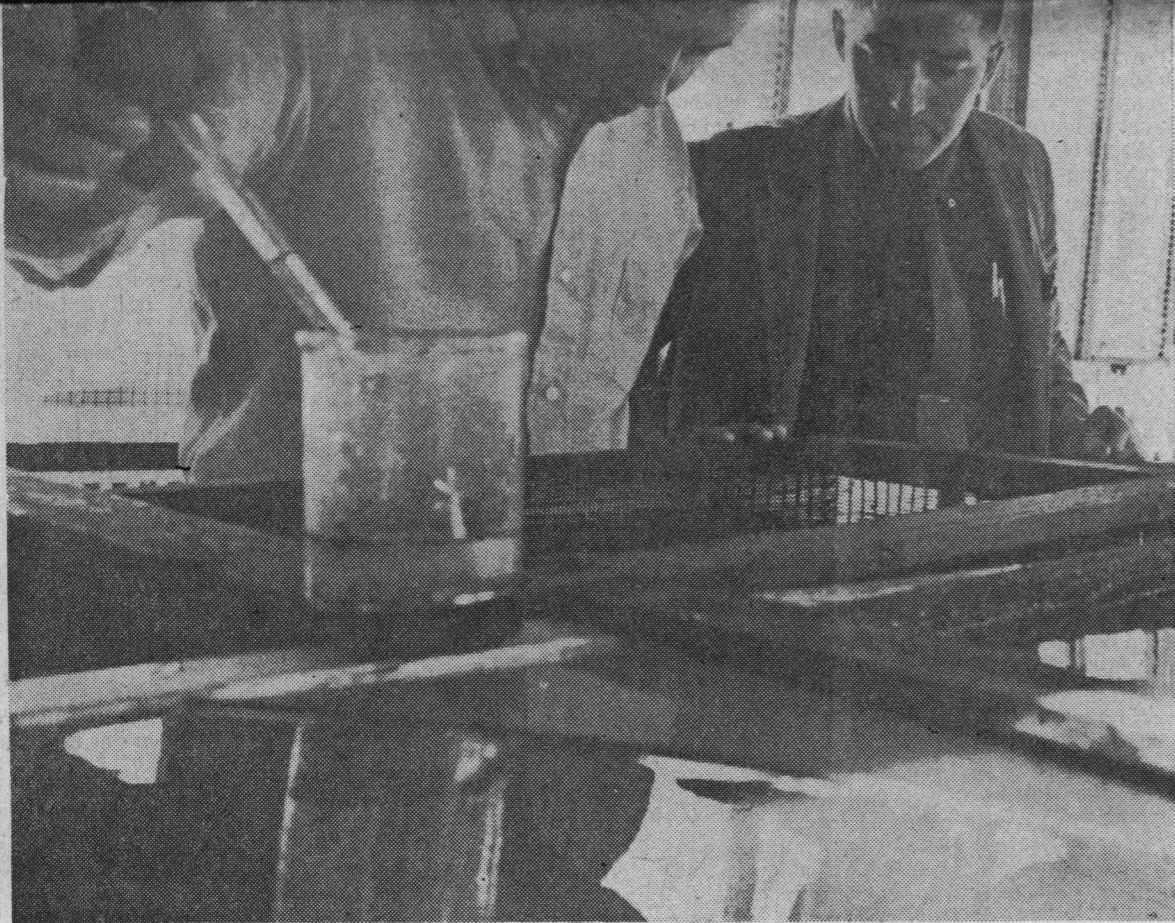
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Above left—This is Waddell Creek as it joins the Pacific Ocean. Sports fishing is presently permitted on this side of the bridge, but Waddell is a private creek on the other side.

Left—Roger Haas, of Pacific Marine Enterprises, removes dead

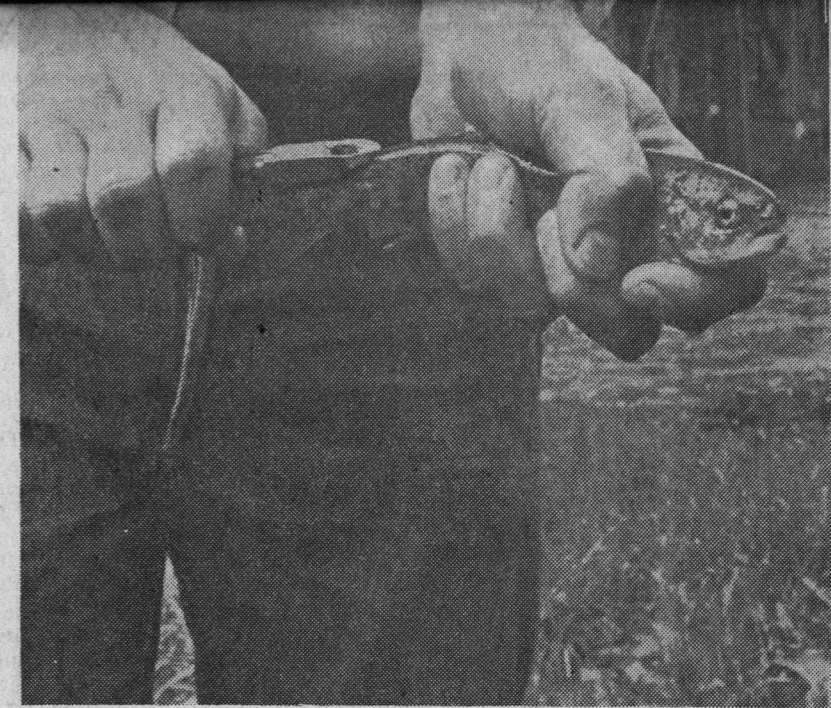




trout eggs from an incubator at PME's hatchery as Tom Tisch, also of PME, observes. The local concern plans to build an additional hatchery on Waddell Creek.

Right—This silver trout, hatched and raised by PME, is having its adipose fin clipped, one means of identification authorized by the state of California. By this process, PME can distinguish its fish from natural anadromous fish.

Below right—Pacific Marine Enterprises Paul Schmidt observes incubator tray holding over 10,000 trout eggs. Presently, PME is incubating over 100,000 trout eggs at its hatchery in Scotts Valley.



**Text And Photos
By John Lindsay**

The sketch at right shows the Waddell Creek operation as planned by Pacific Marine Enterprises. Primary facilities would include a fish hatchery, similar to any fish hatchery operated by the state. Fish would be raised and released from this facility.

Serving two purposes would be the fish barrier. It will allow PME to inspect all returning fish to Waddell Creek, and PME's domestic anadromous fish would be removed. Natural, unmarked, anadromous fish would be allowed to continue upstream to spawn. The barrier is constructed so it would not impeded downstream migration of fish.

The barrier will also protect juvenile natural fish, because all PME fish would be released below the barrier; thus, PME fish could not swim upstream and compete with natural fish for food.

