

HB 1547 As Compared to HB 1728

	HB 1547 (Lantz)	HB 1728 (Eickmeyer)
How research is structured?	The Washington Sea Grant program will conduct new research into the ecological effects of Puget Sound's geoduck harvesting. The Sea Grant program will itself conduct the research, or will contract with outside scientific institutions.	The Washington Sea Grant program will take into account the past and current research efforts of experts from state agencies and universities, Native American tribes, and representatives of the shellfish industry.
What is the role of outside institutions in the research?	Outside institutions must be credibly scientific, and must disclose any connections – past or present – with the shellfish industry. Any research conducted by these institutions must be subject to rigorous peer review.	Any institutions other than Sea Grant must be legitimately scientific, and their work must be subject to rigorous peer review. These institutions would conduct new research to compliment the reviews undertaken by the other parties.
How research is funded?	From the Geoduck Aquaculture Research Account, which limits the admin. overhead to 15%.	From the Shellfish Aquaculture Research Account, which imposes no limit on overhead.
Research: Structures used.	Environmental effects of structures used to protect juvenile geoducks from predation.	Same.
Research: Harvesting effects.	The effects of current geoduck harvesting techniques on intertidal commercial geoduck beds.	Same.
Research: Local effects.	The extent to which geoducks, on standard agricultural tracts, alter the local ecology (particularly species diversity).	Same.
Research: Parasites	Parasites in both wild and cultivated geoduck populations.	Same.
Research: Wild stock v. farmed.	Whether interactions between wild and cultured geoducks place wild geoducks at risk.	Genetic interactions between wild and cultured geoducks.

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Research: Triploids	The use of sterile triploid geoducks, and how they may affect interactions between wild and cultured geoducks.	Same.
Research: Reproductive success.	The reproductive success of cultured geoducks.	Same.
Research: Carrying capacity.	Studying the carrying capacity that intertidal lands may have for geoducks.	None.
DNR leasing	Limits further DNR leasing of aquatic lands for geoduck aquaculture until research is completed.	No impact on DNR leasing.
Shorelines Management Act	Requires all geoduck aquaculture operations to receive a conditional use permit under the SMA with min. conditions standards adopted by Ecology.	No additional regulations on geoduck aquaculture operations. SMA continues as current, with requirements determined by county on a case-by-case basis.
Regulatory efficiency	No impact or requirements.	Creates a work group to propose a new integrated regulatory system based on the Army Corps permitting.
Aquaculture coordinator	No impact or requirements.	Creates an aquaculture coordinator within WSDA assist aquatic farmers.