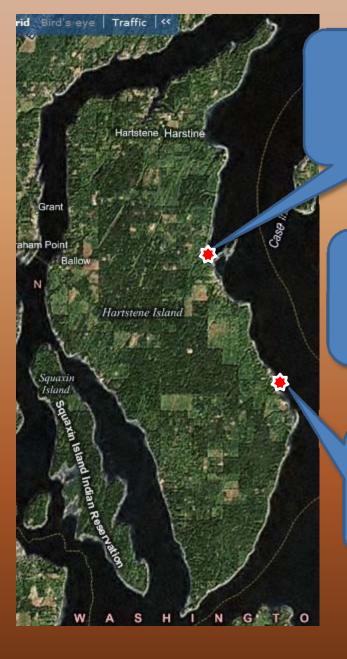
DNR Inter-Tidal Geoduck Aquaculture Citizen Concerns

- ◆ There are not enough public beaches now we should not be restricting the use of what is left! They belong to everyone and everyone should have unrestricted access.
- ◆ With adequate permitting, private beaches are where private industry should focus their "for profit" activities.

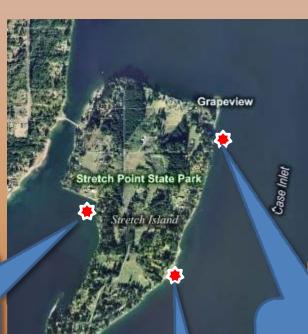
South Sound – 90% private, 10% public

- ◆ The DNR is not paying proper attention to the known environmental concerns.
- The DNR is putting too high a priority on revenue generation.



DNR 24 2 acres

West Stretch
1 acres



East Stretch 2 acres

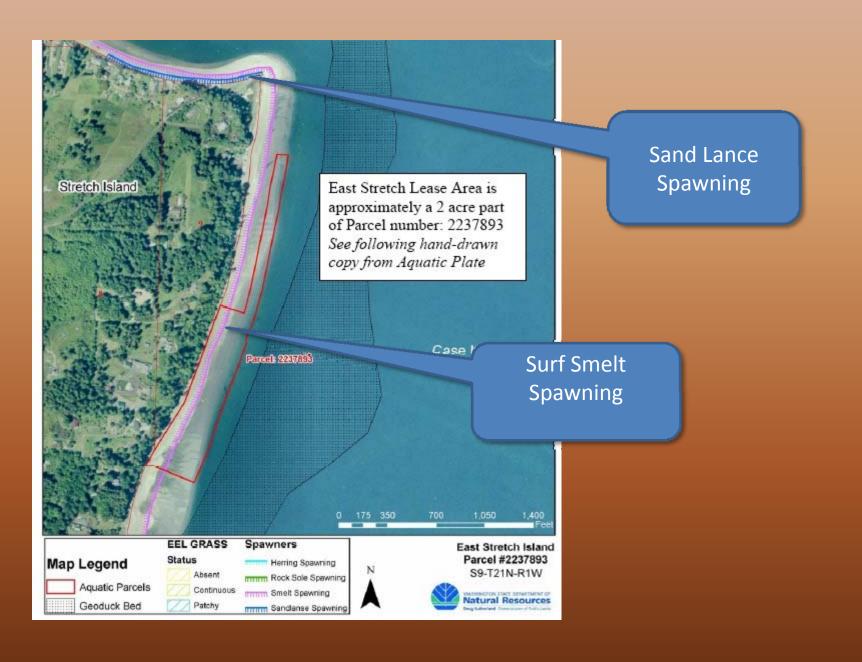
Fudge South 3 acres

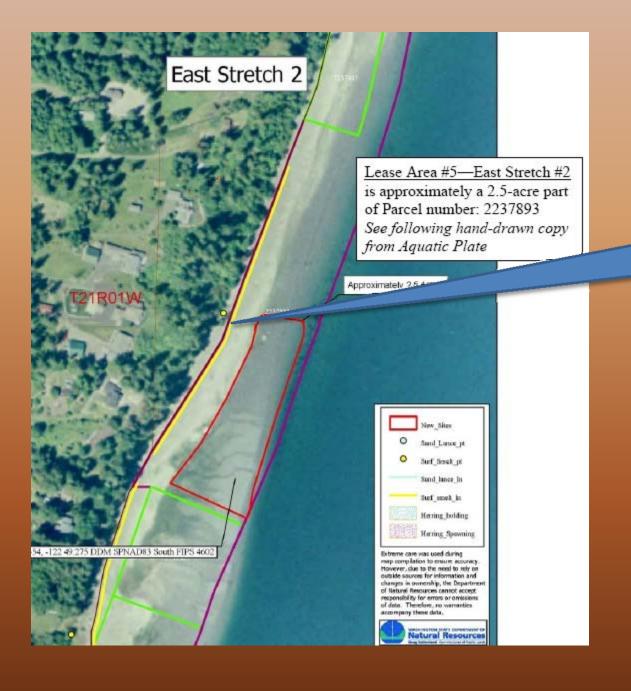
East Stretch 2 2.5 acres



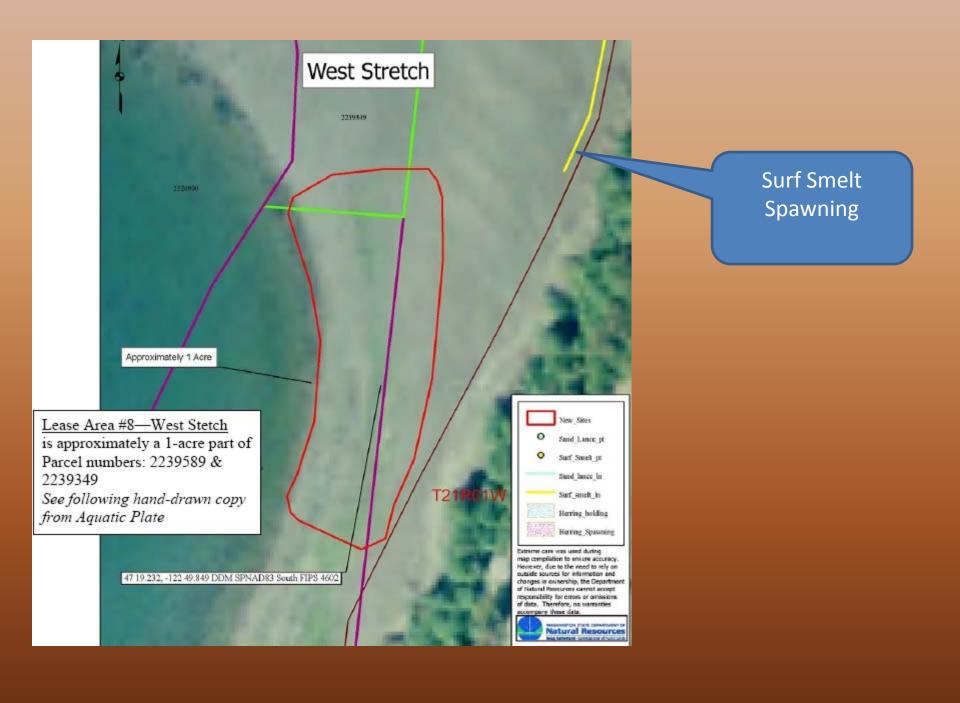
Sand Lance Spawning Area

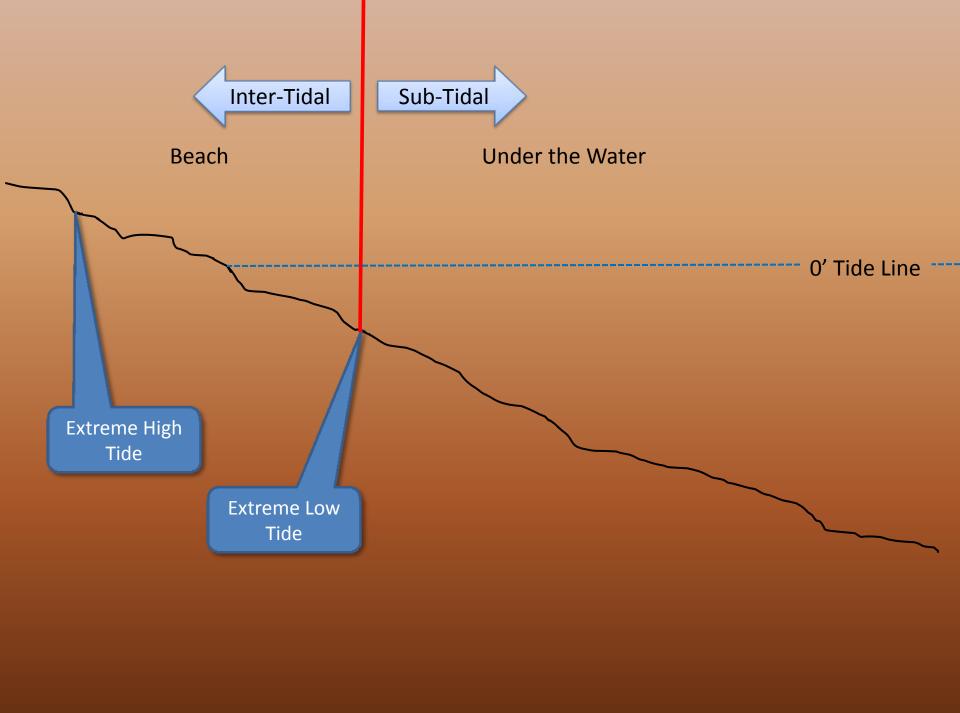


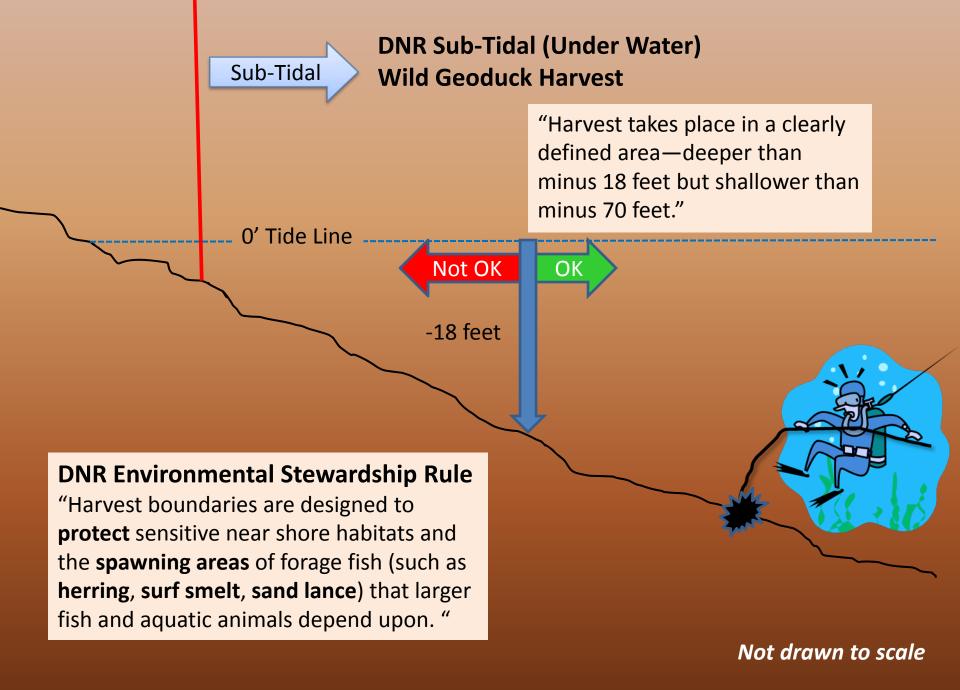


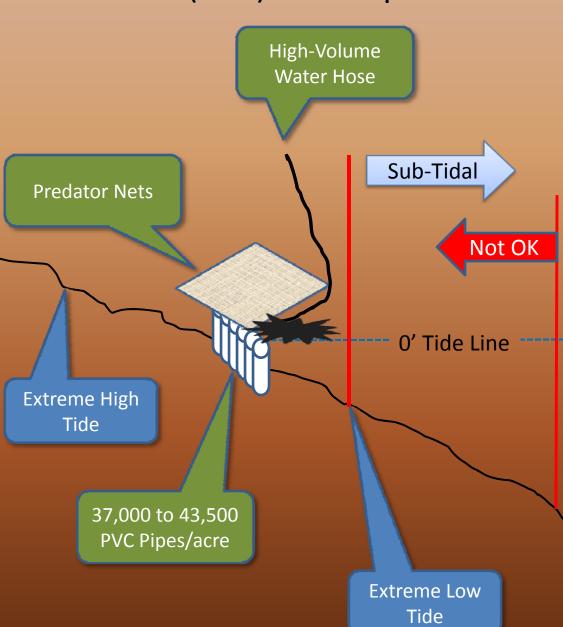


Surf Smelt Spawning









"Harvest takes place in a clearly defined area—deeper than minus 18 feet but shallower than minus 70 feet."

DNR Environmental Stewardship Rule

Predator Netting

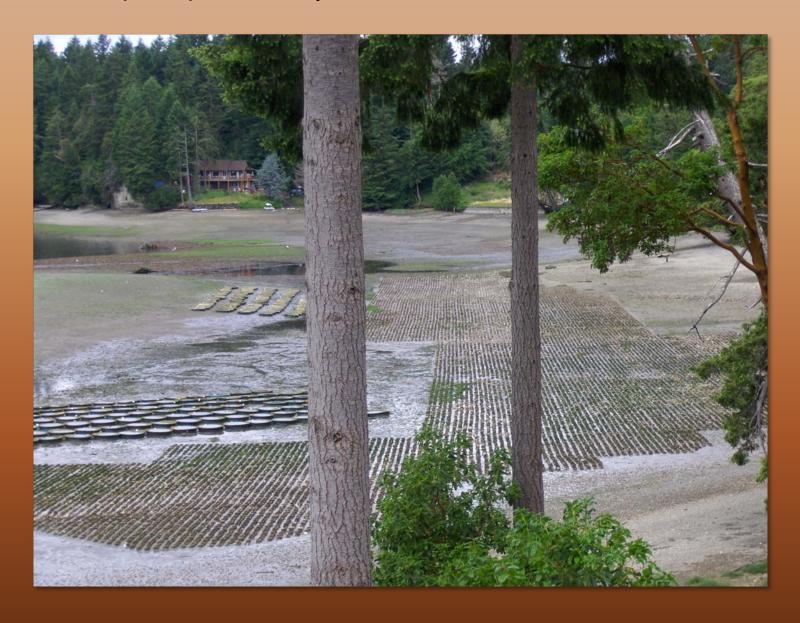
PVC Tubes

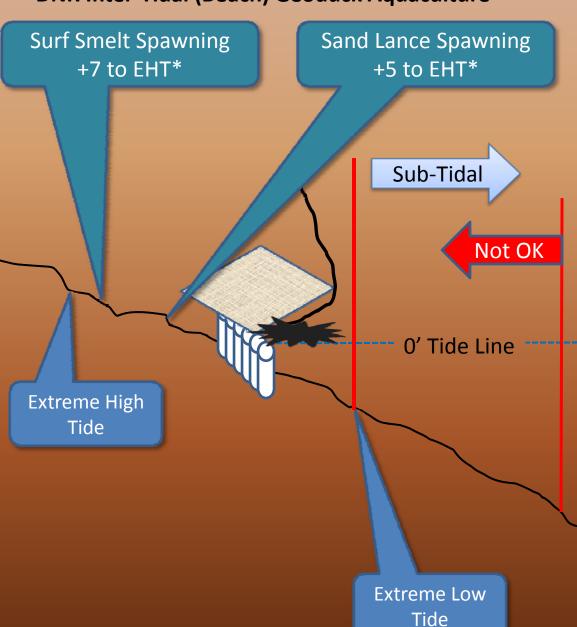




Harvesting using highvolume water hoses







*Marine Forage Fishes in Puget Sound, 2007, Dan Penttila

"Harvest takes place in a clearly defined area—deeper than minus 18 feet but shallower than minus 70 feet."

DNR Environmental Stewardship Rule

Inter-Tidal

Sub-Tidal

Beach

Î

DNR Inter-Tidal (Beach) Environmental Stewardship Rule

???

DNR Sub-Tidal Environmental Stewardship Rule

DNR Sub-tidal Geoduck Aquaculture "On the Beach"

"Our scientists have looked at the forage fish issue and determined that there would be minimal interaction between the geoduck aquaculture methods and forage fish (sand lance and surf smelt).

Francea McNair, Aquatic Lands Steward, 11 Aug 2006

"What we are looking for is documentation from *your scientists* regarding this determination. In other words, we want to know specifically who made this determination at DNR."

Kathryn Townsend, 15 Aug 2006

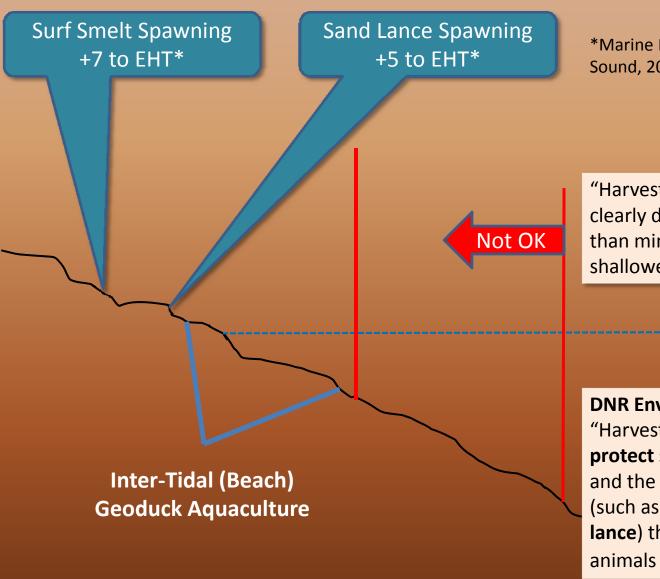
"... geoduck aquaculture and forage fish activity would have minimal interaction due to the physical separation of their habitats."

Francea McNair, Aquatic Lands Steward, 23 Aug 2006

DNR Sub-tidal Geoduck Aquaculture "On the Beach"

"Two of the Department's aquatic scientists reviewed the WDFW website information ... We do not have specific scientific studies that address the interaction of geoduck aquaculture methods and forage fish."

Peggy Murphy, DNR Asset Management & Protection Division, 10 April 2008



*Marine Forage Fishes in Puget Sound, 2007, Dan Penttila

"Harvest takes place in a clearly defined area—deeper than minus 18 feet but shallower than minus 70 feet."

0' Tide Line

DNR Environmental Stewardship Rule

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