



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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April 7, 2021

Carol Farms, LLC
Attn: Howard Jones
381 E Benson Loop Rd.
Shelton, WA 98584

RE: Coastal Zone Consistency for Corps Reference No. **201700449**,
Carol Farms Shellfish Aquaculture, Mason County, Washington

Dear Howard Jones:

On March 30, 2021, the Department of Ecology received a Certification of Consistency with the Washington State Coastal Zone Management Program (CZMP) for the above project.

This determination is for the proposed project to continue to cultivate geoduck, Manila clams, and Kumamoto and Pacific oysters on privately-owned tidelands. The total farm area is 4.15 acres with 3.68 acres of cultivation, and is within an area defined by +2.0ft Mean Lower Low Water (MLLW) tidal elevation and the outer boundary at approximately -4.5ft elevation on parcel 22016-43-70000, and the upper boundary being +6.0ft MLLW and outer boundary of -4.5ft MLLW on parcel 22021-50-00039 and within the surveyed property boundaries. The farm has been in operation since 1982 and has tribal immunity on parcel 22021-50-00039.

Manila clams are seeded by hand with no netting or additional materials used. Clams are harvested after 1-3 years by small hand-held rakes. Oyster seed is placed in grow out bags that are approximately 18" x 36", with 3/8" perforations. These bags are attached to a line that is anchored at each end by rebar. The grow-out bags are flipped every major tide. Oysters are harvested by hand after approximately 18 months, but can vary with market conditions.

Juvenile geoducks are planted in either PVC or flexible mesh tubes, ranging from 1-6" in diameter and 5-13" in length. The nursery tubes are inserted into the substrate such that only the top section (approximately 1/3) of the tube protrudes above the beach. Two to four seed clams are placed in each tube where they burrow into the substrate. Tubes are typically installed at a density of about 1 tube per square foot or about 42,000 tubes per acre. PVC tubes may be covered by individual and/or area netting. Individual netting consists of a small, plastic mesh net secured to the tube by a UV-resistant rubber band. Area netting is secured with rebar stakes placed vertically into the substrate, and may also be used to cover the mesh tubes.

Geoduck nursery tubes are removed after about two years, and about 5-8 years after planting geoduck are harvested at low tide or by divers at high tide using hand-operated water wands. The wand is a pipe about 18 to 24 inches long with a nozzle on the end that releases surface-supplied seawater from a hose at a pressure of approximately 40 pounds per square inch (about the same pressure as that from a standard garden hose) and a flow of 20-30 gallons per minute. Multiple divers may work in an area at one time.

The project site is located on tidelands within Pickering Passage, on parcel numbers 220164370000 and 220215000039, adjacent to 381 E Benson Loop Rd., near Shelton, Mason County, Washington; Section 16, Township 20 North, Range 2 West; WRIA 13, Deschutes Watershed.

Pursuant to Section 307(c)(3) of the Coastal Zone Management Act of 1972 as amended, Ecology concurs with Carol Farms determination that the proposed work is consistent with Washington's CZMP.

If you have any questions regarding Ecology's consistency decision, please contact Teresa Pucylowski at teressa.pucylowski@ecy.wa.gov.

YOUR RIGHT TO APPEAL

You have a right to appeal this decision to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this decision. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do all of the following within 30 days of the date of receipt of this decision:

- File your appeal and a copy of this decision with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this decision on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

ADDRESS AND LOCATION INFORMATION

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel RD SW STE 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

Sincerely,



Brenden McFarland, Section Manager
Environmental Review and Transportation Section
Shorelands and Environmental Assistance Program

e-cc: Jessica Miller, Corps of Engineers
Laura Hendricks, Coalition To Protect Puget Sound Habitat
Amy van Saun, Center for Food Safety
Teresa Pucylowski, Ecology
Loreé Randall, Ecology
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