STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

May 4, 2021

Pacific Shellfish Grays Harbor LLC
Attn: Tim Morris
1200 Robert Bush Drive
South Bend, WA 98586

RE: Water Quality Certification Order No. **19893** for Corps Reference No. **200901348**, Campbell Slough, Grays Harbor County, Washington

Dear Tim Morris,

On March 1, 2021, Pacific Shellfish Grays Harbor LLC submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Campbell Slough located on tidelands within Grays Harbor Bay, near Westport, Grays Harbor County, Washington.

On behalf of the state of Washington, the Department of Ecology certifies that the work described in the Joint Aquatic Resource Permit Application (JARPA) and the public notice complies with applicable provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act, as amended, and applicable state laws. This certification is subject to the conditions contained in the enclosed Order.

Please ensure that anyone doing work under this Order has read, is familiar with, and is able to follow all of the provisions within the attached Order.

If you have any questions about this decision, please contact Marco Pinchot by e-mail at marco.pinchot@ecy.wa.gov. The enclosed Order may be appealed by following the procedures described within the Order.

Sincerely,

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

Enclosure

e-cc: Aquaculture-Reinforcement-Team@usace.army.mil
Christian Karvounis, Corps of Engineers (Corps)
Laura Hendricks, Coalition to Protect Puget Sound Habitat
Amy van Saun, Center for Food Safety
Miranda Ries, Pacific Seafood
Loree' Randall, Ecology
Marco Pinchot, Ecology
ecyrefedpermits@ecy.wa.gov – Aquatics No. 140008

IN THE MATTER OF GRANTING A WATER QUALITY CERTIFICATION TO Pacific Shellfish Grays Harbor LLC pursuant to 33 U.S.C. 1341 (FWPCA § 401), RCW 90.48.120, RCW 90.48.260 and Chapter 173-201A WAC	)))))))	**ORDER No. 19893** **Corps Reference No. 200901348** Campbell Slough located on tidelands within Grays Harbor Bay, near Westport, Grays Harbor County, Washington

Pacific Shellfish Grays Harbor LLC
Attn: Tim Morris
1200 Robert Bush Drive
South Bend, WA 98586

On March 1, 2021, Pacific Shellfish Grays Harbor LLC submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Campbell Slough, Grays Harbor County, Washington. The Department of Ecology (Ecology) issued a public notice for the project on March 18, 2021.

This project proposes to continue operation on 633.52 acres. The company is currently growing Pacific Oysters (Crassostrea gigas) in two (2) ways at this location and currently growing Manila Clams (Venerupis philippinarum) in one (1) way at this location.

(1) Oysters are grown on the ground using standard industry practices. The seed oysters are dispersed by boat at high tide and are harvested at high tide by boat or at low tide into tubs which are pulled at high tide by boat.

Bed Prep: Oysters are harvested or transplanted from the bed using harvest methods outlined below. No more than 1" of shell or gravel will be placed annually, as needed, if the substrate is enhanced for the purpose of oyster cultivation.

Planting: The oysters are planted via a boat or scow at high tide.

Maintenance: Beds are harrowed periodically depending on the substrate conditions that are most often influenced by sediment deposition or burrowing shrimp densities.

Harvest: Oysters are harvested by hand at low tide or using mechanical harvest method (not hydraulic harvester). The crop cycle is 2-3 years depending on site specific conditions. Harvest will occur year-round.

(2) Oysters are grown off-bottom in the project area are on longlines or in rack and or bags.

Bed Prep: PVC pipes are pushed into the substrate to serve as a structure to hold the oysters above the substrate. In the case of longlines, notches are put into the pipe to hold the line(s). Bed prep activities are conducted on a low tide.

Rack and or Bag, a larger diameter pipe is used and a mainline is strung to support the bags or baskets that are suspended from it.

Bed prep activities are conducted on a low tide. Rebar or aluminum racks are used by the company as well to hold the bags or baskets off-bottom.

Planting: Using the longline method, seeded cultch strung into lines is suspended above the substrate on pipes that are driven on low tides. Hanging of the lines occurs at low tide rack and or bag, baskets or bags are collected onto a boat or skiff. Single oysters are put into a basket or bag at a specified density depending on their size. Baskets and or bags are hung on lines or put into the racks at the appropriate tide.

Maintenance: Beds are inspected at low tide to check the condition of oysters and gear. Any gear needing maintenance is fixed. Minimal crop maintenance occurs with longlines. Single oysters may need to be graded or have their densities split. Oftentimes the bag or basket has a float that is attached that tumbles the oysters, pruning the shell and keeping uniform growth. Baskets or bags may need to be cleaned of fouling. They typically get dried, and scraped or pressure washed depending on the location and time of year.

Harvest: Harvest can be done at low tide into tubs or at high tide by pulling them onto a boat using a machine. Harvest cycle is typically 2-3 years depending on growth and market demands. Rack and or Bag the baskets or bag are collected onto a vessel and then emptied into a tub or something similar. Empty bags or baskets are collected and stored appropriately. Harvest will occur year-round.

(3) Clams are grown on the ground in the project area are usually between 1 to 4 inches below the surface.

Bed Prep: Clams are harvested from the bed using harvest methods outlined below. No more than 1” of shell or gravel will be placed annually, as needed, if the substrate is enhanced for the purpose of oyster cultivation.

Planting: Clams are planted by hand and spread out over a bed during low water as the tide enters the bay. Antipredation netting is placed over clams for the first year to assist survival.

Harvest: Clams are harvested by hand at low tide by diggers working by hand. The crop cycle is 2-3 years depending on site specific conditions. Harvest will occur year-round.

The project site is located on tidelands within Grays Harbor Bay on parcel numbers 181129853900, 181132855001, 181132855002, 181132855003, 171103854800, 181132853000, 171105856000, 171106856300, 181131855701, 171105855702, near Westport, Grays Harbor County, Washington; Section 5 (T17N) 29, 31, 32 (T18N), Township 17N, 18N, Range 11 West; WRIA 22, Lower Chehalis Watershed.

With this Order, Ecology is granting Pacific Shellfish Grays Harbor LLC's request for a Section 401 Water Quality Certification for the Campbell Slough project, provided that the activity is conducted in accordance with the Section 401 Water Quality Certification request and attachments Ecology received on March 1, 2021, and the following supporting documentation:

1. E-mail letter to Ecology dated March 30, 2021 regarding the project's compliance with the conservation measures associated with the "Programmatic Biological Opinions for Shellfish Activities in Washington State Inland Marine Waters" (U.S. Fish and Wildlife Service (USFWS) Reference Number 01EWFW00-2016-F-0121, National Marine Fisheries Service (NMFS) Reference Number WCR-2014-1502). This email also includes a description of Pacific Shellfish Grays Harbor LLC water quality monitoring plan, and Pacific Shellfish Grays Harbor LLC commitment to follow the 2019 Puget Sound Shellfish Growers Association Environmental Codes of Practice for Shellfish Aquaculture.

Based on the information submitted, Ecology has determined that the discharge from the project will comply with state water quality requirements. Prior to undertaking any changes that materially alter the project, Pacific Shellfish Grays Harbor LLC must contact Ecology to determine whether a new Section 401 Water Quality Certification is required.

Issuance of this Section 401 Water Quality Certification for this proposal does not authorize Pacific Shellfish Grays Harbor LLC to exceed applicable state water quality standards (Chapter 173-201A WAC), ground water quality standards (Chapter 173-200 WAC) or sediment quality standards (Chapter 173-204 WAC). Furthermore, nothing in this Section 401 Water Quality Certification absolves the Applicant from liability for contamination and any subsequent cleanup of surface waters, ground waters, or sediments resulting from project construction or operations.

Special Condition:
Any work that causes distressed or dying fish or discharges of oil, fuel, or other chemicals into state waters or onto land with a potential for entry into state waters is prohibited[1]. If such work,

[1] RCW 90.48

conditions, or discharges occur, immediately notify[2] Ecology's Regional Spill Response Office at 360-407-6300 and the Washington State Department of Fish & Wildlife with the nature and details of the problem, any actions taken to correct the problem, and any proposed changes in operation to prevent further problems. You will also need to notify the Washington Emergency Management Division[3] at 1-800-258-5990, for actual spills to water only. This condition is necessary to prevent oil and hazardous materials spills from causing environmental damage and to ensure compliance with water quality requirements. The sooner a spill is reported, the quicker it can be addressed, resulting in less harm.

In view of the foregoing and in accordance with 33 U.S.C. §1341, RCW 90.48.120, RCW 90.48.260 Chapter 173-200 WAC and Chapter 173-201A WAC, this WQC is granted to the Pacific Shellfish Grays Harbor LLC, Campbell Slough project.

This Certification is not effective until the U.S. Corps of Engineers (Corps) Seattle District issues an individual Department of the Army (DA) permit for this project. Order No. **19893** will remain valid for the duration of the associated DA permit. Pacific Shellfish Grays Harbor LLC should send a copy of the final DA permit to fednotification@ecy.wa.gov within two weeks of receiving it.

YOUR RIGHT TO APPEAL

You have a right to appeal this Order to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this Order. 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 both of the following within 30 days of the date of receipt of this Order:

- File your appeal and a copy of this Order 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 Order 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.

[2] WAC 173-303-145
[3] RCW 90.56.280

ADDRESS AND LOCATION INFORMATION

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

CONTACT INFORMATION

Please direct all questions about this Order to:

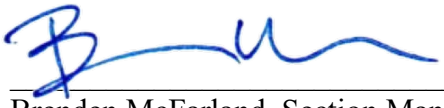
Marco Pinchot
Department of Ecology
300 Desmond Drive SE
Lacey, WA 98503
marco.pinchot@ecy.wa.gov

MORE INFORMATION

- **Pollution Control Hearings Board Website**
  http://www.eluho.wa.gov/Board/PCHB
- **Chapter 43.21B RCW - Environmental and Land Use Hearings Office – Pollution Control Hearings Board**
  http://app.leg.wa.gov/RCW/default.aspx?cite=43.21B
- **Chapter 371-08 WAC – Practice And Procedure**
  http://app.leg.wa.gov/WAC/default.aspx?cite=371-08
- **Chapter 34.05 RCW – Administrative Procedure Act**
  http://app.leg.wa.gov/RCW/default.aspx?cite=34.05
- **Chapter 90.48 RCW – Water Pollution Control**
  http://app.leg.wa.gov/RCW/default.aspx?cite=90.48
- **Chapter 173.204 WAC – Sediment Management Standards**
  http://apps.leg.wa.gov/WAC/default.aspx?cite=173-204

- **Chapter 173-200 WAC – Water Quality Standards for Ground Waters of the State of Washington**
  http://apps.leg.wa.gov/WAC/default.aspx?cite=173-200
- **Chapter 173-201A WAC – Water Quality Standards for Surface Waters of the State of Washington**
  http://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A

SIGNATURE



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

May 4, 2021
Date