



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

*PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
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September 1, 2021

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

RE: Water Quality Certification Order No. **20406** for Corps Reference No. **201201196**,
Mansfield Private Lease, Pacific County, Washington

Dear Tim Morris:

On April 30, 2021, Pacific Shellfish, South Bend LLC submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Mansfield Private Lease located on tidelands within Willapa Bay, near Tokeland, Pacific 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

Mansfield Private Lease
Order No. 20406 Corps No. 201201196
September 1, 2021
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e-cc: Colin M. Greenan, Corps of Engineers (Corps)
Laura Hendricks, Coalition To Protect Puget Sound Habitat
Amy van Saun, Center for Food Safety
Loree' Randall, Ecology
Marco Pinchot, Ecology
ecyrefedpermits@ecy.wa.gov – Aquatics No. 139356
Aquaculture-Reinforcement-Team@usace.army.mil

IN THE MATTER OF GRANTING A) ORDER No. 20406
WATER QUALITY) Corps Reference No. 201201196
CERTIFICATION TO) Mansfield Private Lease located on tidelands
Pacific Shellfish, South Bend LLC) within Willapa Bay, near Tokeland, Pacific
pursuant to 33 U.S.C. 1341 (FWPCA) County, Washington
§ 401), RCW 90.48.120, RCW 90.48.260)
and Chapter 173-201A WAC)

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

On April 30, 2021, Pacific Shellfish, South Bend LLC submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Mansfield Private Lease, Pacific County, Washington. The Department of Ecology (Ecology) issued a public notice for the project on July 23, 2021.

This project proposes to continue to grow Pacific Oysters (*Crassostrea gigas*) in two (2) ways on 98.52 acres between -2.0 and +1.0 feet (MLLW).

(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. Onsite inspections by farm management will be performed prior for any bed cleanup prior to planting.

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.

The project site is located on tidelands within Willapa Bay, on parcel number 79000000100, near Tokeland, Pacific County, Washington; Section 6, Township 14 North, Range 10 West; WRIA 24, Willapa Bay Watershed.

With this Order, Ecology is granting Pacific Shellfish, South Bend LLC's request for a Section 401 Water Quality Certification for the Mansfield Private Lease project, provided that the activity is conducted in accordance with the Section 401 Water Quality Certification request and attachments Ecology received on April 30, 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 01EWF00-2016-F-0121, National Marine Fisheries Service (NMFS) Reference Number WCR-2014-1502). This email also includes a description of Pacific Shellfish, South Bend LLC water quality monitoring plan, and Pacific Shellfish, South Bend 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, South Bend 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, South Bend 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 prohibited¹. If such work, conditions, or discharges occur, immediately notify² 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 Division³ 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, South Bend LLC, Mansfield Private Lease 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. **20406** will remain valid for the duration of the associated DA permit. Pacific Shellfish, South Bend 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:

¹ RCW 90.48

² WAC 173-303-145

³ RCW 90.56.280

- 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.

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 Road SW, Suite 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

CONTACT INFORMATION

Please direct all questions about this Order to:

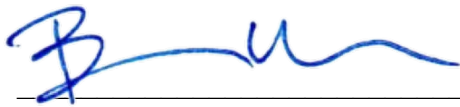
Marco Pinchot
Department of Ecology
PO Box 47600,
Olympia, WA 98504-7600
marco.pinchot@ecy.wa.gov

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

September 1, 2021
Date