March 29, 2022

Seattle Shellfish, LLC
Attn: Derek Epps
2101 4th Ave E, STE 201
Olympia, WA 98506

Re: Water Quality Certification Order No. 21107 for Corps Reference No. 202000025, Minterbrook Shellfish Farm, Mason County, Washington

Dear Derek Epps:

On March 2, 2022, Seattle Shellfish submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Minterbrook Shellfish Farm located on tidelands within Case Inlet, near Shelton, Mason 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 Teressa Pucylowski by e-mail at teressa.pucylowski@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: Jaimee Davis, U.S. Army Corps of Engineers
       Loree’ Randall, Ecology
       Teressa Pucylowski, Ecology
       Aquaculture-Reinforcement-Team@usace.army.mil
       ecyrefedpermits@ecy.wa.gov
IN THE MATTER OF GRANTING A
WATER QUALITY CERTIFICATION TO
Seattle Shellfish, 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. 21107
Corps Reference No. 202000025
Minterbrook Shellfish Farm located on
tidelands within Case Inlet, near Shelton,
Mason County, Washington

On 7/11/2022, see minor edit in RED

Seattle Shellfish, LLC
Attn: Derek Epps
2101 4th Ave E, STE 201
Olympia, WA 98506

On March 2, 2022, Seattle Shellfish, LLC submitted a request for a Section 401 Water Quality
Certification (WQC) under the federal Clean Water Act for the Minterbrook Shellfish Farm,
Mason County, Washington. The Department of Ecology (Ecology) issued a public notice for the
project on March 4, 2022.

This project will continue to commercially cultivate up to 2.54 acres of geoduck clams and with
5.7 acres of fallow ground. The entire project area lies between approximately +5ft Mean
Lower Low Water (MLLW) and approximately +1ft -4.5ft MLLW, or other property boundary,
and within the property boundaries. There is no use of mechanical bed preparation equipment.

Juvenile geoducks are planted in PVC or flexible mesh tubes, up to 6 inches in diameter and up
to 13 inches in length. The 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 and tubes are typically installed at a density of about 1 tube per square foot. 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 be installed over the PVC or
flexible mesh tubes.

About two years after planting, tubes are removed while area netting may be redeployed over
the bed for several months for continued predator protection. Geoduck are then harvested as
much as eight years after planting. Geoducks are harvested using a hand-operated water wand,
which can occur at low (beach harvest) or high (dive harvest) tide. Typically, a 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 Case Inlet, on parcel numbers 22125-00-83082
and 22125-00-83083, near Shelton, Mason County, Washington; Section 25, Township 21
North, Range 2 West; WRIA 14, Kennedy-Goldsborough Watershed.
With this Order, Ecology is granting Seattle Shellfish, LLC’s request for a Section 401 Water Quality Certification for the Minterbrook Shellfish Farm project, provided that the activity is conducted in accordance with the Section 401 Water Quality Certification request and attachments Ecology received on March 2, 2022.

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, Seattle Shellfish, 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 Seattle Shellfish, 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. If such work, conditions, or discharges occur, immediately notify 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 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 Seattle Shellfish, LLC, Minterbrook Shellfish Farm 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. 21107 will remain valid for the duration of the associated DA permit. Seattle Shellfish, 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.

Address and location information

**Filing an appeal with the PCHB:**

<table>
<thead>
<tr>
<th>Mailing Address:</th>
<th>Street Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pollution Control Hearings Board</td>
<td>Pollution Control Hearings Board</td>
</tr>
<tr>
<td>PO Box 40903</td>
<td>1111 Israel RD SW</td>
</tr>
<tr>
<td>Olympia, WA 98504-0903</td>
<td>STE 301</td>
</tr>
<tr>
<td></td>
<td>Tumwater, WA 98501</td>
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</tbody>
</table>

**Serving a copy of the appeal on Ecology:**

<table>
<thead>
<tr>
<th>Mailing Address:</th>
<th>Street Address:</th>
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<tbody>
<tr>
<td>Department of Ecology</td>
<td>Department of Ecology</td>
</tr>
<tr>
<td>Attn: Appeals Processing Desk</td>
<td>Attn: Appeals Processing Desk</td>
</tr>
<tr>
<td>PO Box 47608</td>
<td>300 Desmond Drive SE</td>
</tr>
<tr>
<td>Olympia, WA 98504-7608</td>
<td>Lacey, WA 98503</td>
</tr>
</tbody>
</table>

**CONTACT INFORMATION**

Please direct all questions about this Order to:

Teressa Pucylowski  
Department of Ecology  
PO Box 47600  
Olympia, WA 98504-7600  
teressa.pucylowski@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

• 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

• Chapter 173-200 WAC – Water Quality Standards for Ground Waters of the State of Washington

• 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

March 29, 2022
Date