

**From:** [BrownScott, Jennifer](#)  
**To:** [Kilbride, kilb](#)  
**Subject:** Action Area Definition  
**Date:** Monday, May 10, 2021 10:26:31 AM  
**Attachments:** [\(2\)2019 AC Overview.pdf](#)

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Action area defined by USFWS Endangered Species Act - Section 7 Consultation, BIOLOGICAL OPINION, U.S. Fish and Wildlife Service Reference: OIEWFW00-2016-F-0121 Programmatic Consultation for Shellfish Activities in Washington State Inland Marine Waters (pg 40):  
*At all locations, the action area extends a minimum of 2,000 ft from the farm footprint (active and fallow). This distance encompasses those areas of the nearshore that may experience temporary effects (e.g., temporary effects to water quality, temporary effects to the sound environment, etc.).*

This is the definition of the area surrounding the lease identified on the map attached.

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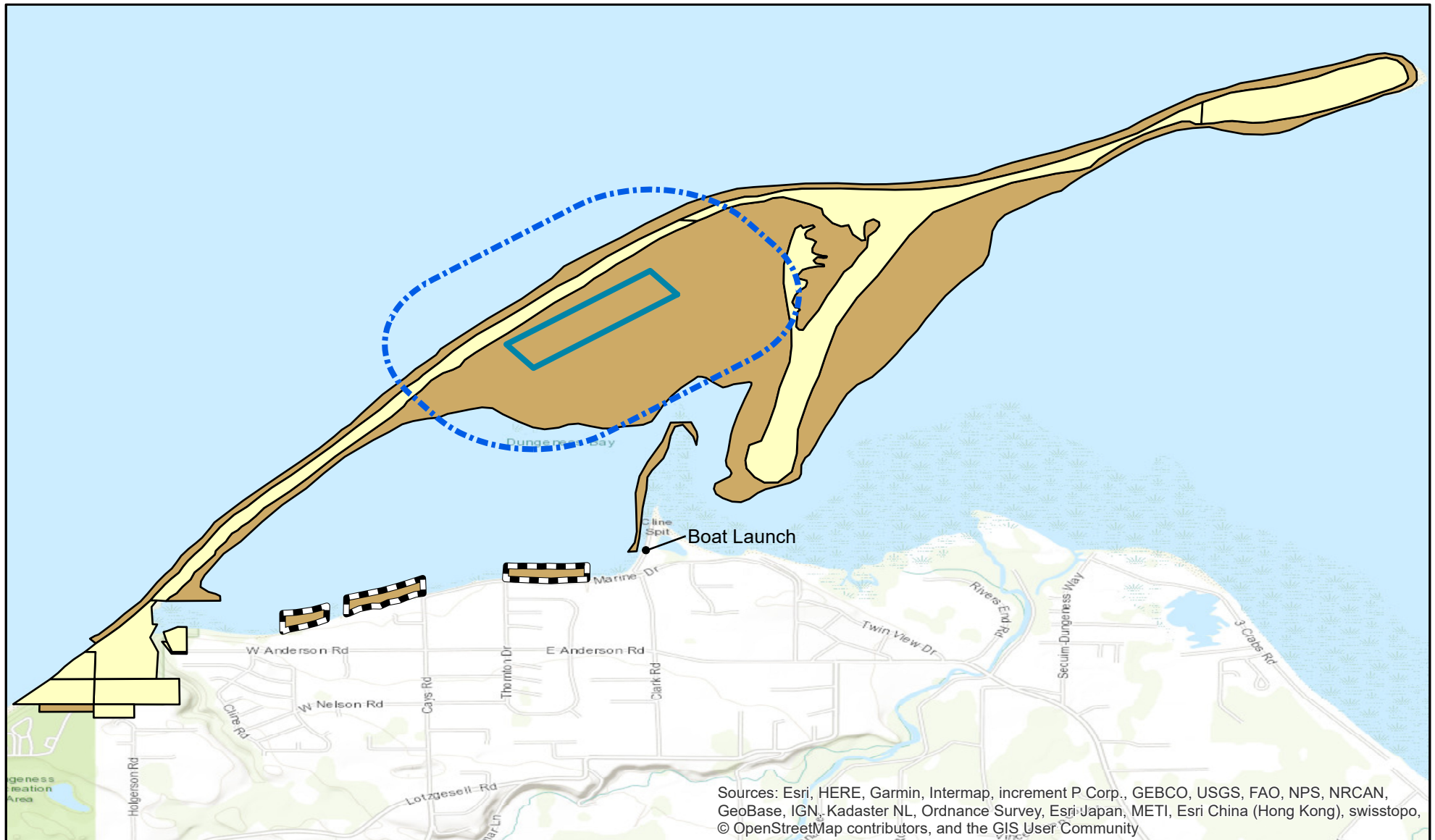
~~[Dungeness NWR](#)~[Protection Island NWR](#)~[San Juan Islands NWR](#)~[Copalis NWR](#)~[Flattery Rocks NWR](#)~[Quillayute Needles NWR](#)~~



U.S. Fish & Wildlife Service

# Dungeness National Wildlife Refuge Sequim, Washington

## Overview of Proposed Aquaculture and Refuge Boundaries



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

PRODUCED: DNWR Sequim, WA  
LAND STATUS CURRENT TO: 2/12/19  
MAP DATE: 2/12/19  
BASEMAP: ESRI World Topo Map  
FILE: 2019\_AC\_OtherResources  
WGS\_1984

**FWS Interest**  
 Easement  
 Fee  
 Alternate Sites  
 Lease Area  
 2000Ft. Action Area

0 0.25 0.5 1 Miles

