



State of Washington
DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: PO Box 43200, Olympia, WA 98504-3200 · 360 902-2200 · TDD 360 902-2207
Main Office Location: Natural Resources Building, 1111 Washington Street, Olympia, WA

To: Chelsea Morris (ECY-SAM Representative)
From: Danielle Nordstrom (WDFW Representative)
Subject: Deliverable 2a for IAA C2500087

As per the interagency agreement (IAA) No. C250087, deliverable 2a is complete. Attached you will find a list (Excel file) of permits/permissions obtained to gain access to and place a mussel cage at confirmed 2025-2026 SAM Mussel Monitoring survey sites. WDFW staff and volunteers obtained permission from individual property owners including city, ports, the U.S. Navy, tribes, state parks and residential property owners. WDFW also obtained a Hydraulic Project Approval (HPA) and a Shellfish Transfer Permit for the 2025-26 Mussel Monitoring Survey as well as an Memorandum of Understanding (MOU) with the Washington Department of Natural Resources to access State-Owned Aquatic Lands.

Thank you,

Danielle Nordstrom

Fish and Wildlife Biologist

Washington Department of Fish and Wildlife

Danielle.Nordstrom@dfw.wa.gov

Attachments:

SAM2025-26Mussels_Deliverable2A_PermitsPermissions.xlsx



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To: Chelsea Morris (ECY-SAM Representative)
From: Danielle Nordstrom (WDFW Representative)
Subject: Deliverable 3a for IAA C2500087

As per the interagency agreement (IAA) No. C2500087, deliverable 3a is complete. Attached you will find a list (Excel file) of volunteer groups/individuals that plan to participate in the 2025-2026 SAM Mussel Monitoring survey and the sites for which each volunteer group will be responsible. WDFW staff will maintain contact with volunteer groups throughout the study period to answer questions, verify their commitment to participate, provide feedback, register them in the WDFW volunteer tracking system and manage efforts at every step of the SAM Mussel Monitoring effort.

Thank you,

Danielle Nordstrom

Fish and Wildlife Biologist

Washington Department of Fish and Wildlife

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Attachments:

[SAM2025-26Mussels_Deliverable3A_SiteVolunteers.xlsx](#)



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To: Chelsea Morris (ECY-SAM Representative)

From: Danielle Nordstrom (WDFW Representative)

Subject: Deliverable 5a for IAA C2500087

As per the interagency agreement (IAA) No. C2500087, deliverable 5a is complete. WDFW obtained all the mussels (*Mytilus trossulus*) necessary for deployment to SAM sites from Penn Cove Shellfish aquaculture facility in Coupeville, WA. WDFW staff and volunteers measured and sorted enough mussels to accommodate up to 80 mussels per cage for all 2025-26 Mussel Monitoring sites which include 33 SAM monitoring sites, 3 SAM reference sites, 4 additional SAM back-up sites, and 3 baseline samples. All mussels were measured and selected to fall within the size of 50 – 60 mm which was the median size of the population. A total of 478 bags of mussels were made. The bagged mussels were attached to several lines and hung from Penn Cove Shellfish's rafts where they were left to rest for 14 days before deployment.

Thank you,

Danielle Nordstrom

Fish and Wildlife Biologist

Washington Department of Fish and Wildlife

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