



ALASKA'S AQUATIC FARM PROGRAM

Joint Agency Aquatic Farm Amendment Request Form



INSTRUCTIONS



1. Answer applicable questions to help describe your amendment proposal using the blanks provided.
2. If additional pages are needed, make sure you write the corresponding question number from the amendment form on the appropriate page(s).
3. Type or print answers clearly in black ink.
4. An agent cannot sign the amendment request form for the applicant; the applicant must submit the joint-agency amendment request form with an original signature.
5. **Amendment Fee:** An amendment fee of \$100 for individuals and \$200 for corporations is required to be paid to Department of Natural Resources (ADNR) for amending an aquatic farm lease only for significant changes in your farm operation. Please contact ADNR prior to submitting your Amendment Request to discuss your request to see whether or not the fee will be required.
6. If applicable - **Survey Fee:** If your proposed amendment request involves adding acres to your existing site to use for on-bottom clam farming techniques, Alaska Department of Fish and Game (ADF&G) will need to conduct a survey on that acreage to determine the abundance of wild stock shellfish at the proposed site. The fee for the survey is \$2,000 for an intertidal on-bottom site and \$5,000 for a subtidal on-bottom site. Mail a separate check for this survey, made out to ADF&G, and submit it along with the completed application packet.
7. Mail the completed joint-agency amendment request form and the applicable fees to:

Department of Natural Resources
Aquatic Farm Program
550 W. 7th Avenue, Suite 1260
Anchorage, AK 99501-3557
8. A matrix was developed to summarize the types of aquatic farm amendments and requirements and can be found at http://www.cf.adfg.state.ak.us/geninfo/enhance/maricult/amendment%20_matrix.pdf. Review the matrix to find out what agencies are required to review your proposed amendment request, what forms need to be used, the submittal period, and the review time for the amendment.

For assistance completing the joint-agency amendment request form, please call John S. Thiede (ADNR) at (907) 269-8543, Cynthia Pring-Ham (ADF&G) at (907) 465-6150, Lorraine Vercessi (ADF&G) at (907) 465-6423, or David Petree (ADF&G) at (907) 465-6122.

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For Office Use Only

DATE STAMP:



JOINT-AGENCY

AMENDMENT

REQUEST FORM

For use in amending the aquatic farm lease and operation permit authorizations.

A. LEASE/PERMIT HOLDER INFORMATION

ADNR Lease ADL No. _____
ADNR/DCOM No. _____

AFOP DFG --- _____ --- _____ --- AF --- _____

Lease/ Permit Holder Name _____

Email Address _____

Mailing Address (PO Box or Street Address) _____

Phone _____

Cell Phone _____

City _____

State _____

Zip _____

B. PROPOSED AMENDMENT

CHECK MODIFICATIONS THAT APPLY

Modify aquatic farm site boundaries/location

AND

Increase Area

Reduce Area

Move farm boundaries

Add or significantly¹ modify support facility.

Other² _____

INFORMATION REQUIRED FOR REVIEW

_____ Sections: A, B, C, and D

_____ Site Plan Map

_____ Updated 10-Yr. Operation and Development Plan Part A and B (if production changes or species added)

_____ Abbreviated Coastal Consistency Evaluation Form (if new area)

_____ Section E (if floating facility)

_____ Sections E & F (if upland facility)

_____ Site Plan Map with location of support facility

_____ Detailed drawing of facility

_____ Cross-sectional diagram of support facility

_____ Dependent on amendment request.

¹ Significant modifications include changes that increase obstructions to navigation or to other public uses.

² Other includes production changes or species added if associated with changes to farm site boundary/location.

C. AMENDMENT DESCRIPTION

On a separate piece of paper, please provide a general description of your proposed amendment. Your narrative should match the information you provide throughout the rest of the amendment request form. It will be used by state and federal agencies and the public for comment and review. **Be sure to label your narrative, "AMENDMENT DESCRIPTION"**

You may wish to use the following check-off list to assure all items are covered in your amendment description.

- Site Location Modifications
- New Dimensions and calculated area (acres) for each parcel being amended and total area (acres) of farm after amendment
- New Support Facility(ies) – caretaker, storage or processing facilities, work rafts, etc.
- Construction materials of new Support Facilities and Equipment – note: all floating raft structures should use non-treated wood supported by closed cell (extruded) expanded polystyrene or equivalent material

If different from original project:

- species – e.g. Pacific oysters, littleneck clams, geoducks, blue mussels, aquatic plants, etc.
- Culture Method – e.g. subtidal suspended culture, intertidal near-bottom culture, intertidal on-bottom culture, or subtidal on-bottom culture
- Gear (type, size, number, configuration, material, mesh size) - e.g. floating bags, trays (plastic), cages (metal), lantern nets (5 or 10 tiers), flip-flop bags, vexar bags, PVC tubes, predator netting or any other predator exclusion devices, and harvest equipment.
- Equipment – e.g. grow-out rafts, longlines, buoys, etc.
- Other - anything else that may change from the original project due to the amendment request proposal

D. REQUEST FOR SITE BOUNDARY/LOCATION MODIFICATIONS (if applicable)

1. Site Coordinates - If this amendment request involves modifying the farm site boundaries, please provide new latitude and longitude coordinates for each corner of each parcel at the farm site that you are requesting to modify. Parcel designation (no and name) must be the same as in the original lease/permit if modifying existing parcels. Use similar naming convention for any new parcels being added. Latitude and longitude coordinates must be in NAD83 datum using degrees and decimal minutes format to the nearest .001 minute (Example: Longitude -133° 17.345), obtained using a Global Positioning System (GPS). ADF&G can provide a handheld GPS unit, with a \$100 security fee. Contact the Juneau ADF&G office at (907) 465-6150 for details. Note: Use additional pages and similar format below if you need.

Parcel ____ : NE Corner No. 1: Latitude _____ Longitude _____
 SE Corner No. 2: Latitude _____ Longitude _____
 SW Corner No. 3: Latitude _____ Longitude _____
 (e.g. Grow-out Area) NW Corner No. 4: Latitude _____ Longitude _____

Parcel ____ : NE Corner No. 1: Latitude _____ Longitude _____
 SE Corner No. 2: Latitude _____ Longitude _____
 SW Corner No. 3: Latitude _____ Longitude _____
 (e.g. Hardening Area) NW Corner No. 4: Latitude _____ Longitude _____

Parcel ____ : NE Corner No. 1: Latitude _____ Longitude _____
 SE Corner No. 2: Latitude _____ Longitude _____
 SW Corner No. 3: Latitude _____ Longitude _____
 (e.g. Support Facility Area) NW Corner No. 4: Latitude _____ Longitude _____

2. Site Size

Number of acres in current lease/permit: _____ Number of acres to be added _____ or reduced _____

Please compute farm area using the instructions below:

- To compute the total area (sq. ft), multiply the width (ft) by the length (ft) of site Parcel 1. The outside length and width of the Parcel **must include your anchors and anchoring system plus any scope.**
- Divide the area (sq. ft) of Parcel 1 by 43,560, to convert the area from sq. ft to acres.
- Repeat for each separate Parcel of your proposed farm site.
- Add the acres of each Parcel to get the total tideland acres for your proposed farm site.
- Write the amount of Total Acres on the line where indicated.

Parcel ___: $\frac{\text{_____}}{\text{(Width of Parcel)}} \text{ feet (x)} \frac{\text{_____}}{\text{(Length of Parcel)}} \text{ feet} = \frac{\text{_____}}{\text{(Area)}} \text{ square feet } (\div) 43,560 = \frac{\text{_____}}{\text{(Acres)}}$

Parcel ___: $\frac{\text{_____}}{\text{(Width of Parcel)}} \text{ feet (x)} \frac{\text{_____}}{\text{(Length of Parcel)}} \text{ feet} = \frac{\text{_____}}{\text{(Area)}} \text{ square feet } (\div) 43,560 = \frac{\text{_____}}{\text{(Acres)}}$

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Total acres of state-owned tidelands with amendment modifications (add all parcel acres):

*Note that the number of acres must correspond to your farm site maps and drawings. **(Total Acres*)**

3. Site Plan Map - Provide a site map showing an overhead view of the modified farm site, surrounding area, and the information listed below (See Figure 1). Copies of the maps and drawings should be no larger than 8½” x 11” (standard letter size). A legend box must be on all maps and diagrams you provide with your amendment request (see example below):

Figure No. and Title
 Applicant Name (Business Name)
 Waterbody
 Area/Region
 Today's Date

- Draw the boundaries of each parcel and clearly label all corners (NE, SE, SW, and NW). Indicate, in feet, the distance between corners of each parcel and all in-water structures and anchoring systems. Be sure that all anchoring systems and anchor scope are inside the farm boundary.
- Indicate acres of each parcel. The total area should correspond to the total acreage you are proposing to use for your farm.
- Indicate and label all equipment and support facilities including dimensions, in feet, that you propose to use within the modified farm area boundaries (i.e. grow-out rafts, longlines, buoys, work rafts, docks, processing rafts, caretaker facilities, etc.).
- Indicate areas of eelgrass beds (intertidal culture or hardening areas), and kelp beds (subtidal zone).
- If applicable, indicate fuel and chemical storage.
- Draw in nearby anadromous (i.e. salmon) streams. A Catalog of Anadromous Streams can be obtained from a local Fish and Game, Division of Habitat and Restoration office or via the web at: <http://www.sf.adfg.state.ak.us/SARR/AWC/index.cfm/FA/maps.interactive>.
- Indicate major natural and man-made features on or proposed for the site.
- Indicate the bottom characteristics (sand, mud, silt, clay, bedrock, cobble, shells, rockweed, and algae/seaweed).

E. REQUEST FOR SUPPORT FACILITIES (if applicable)

1. Your proposed floating personnel/caretaker housing is located on (mark one) a leased site _____ or new acreage _____
2. The proposed personnel/caretaker housing size (in feet) will be: _____ (width) _____ (length) _____ (height)
 (Please attach cross sectional diagrams/drawings (Figure 2) with labels clearly showing the personnel/caretaker housing.)
3. What would be the maximum number of people housed per day? _____ (Needed for USACE)
4. Will there be any sewage discharge from any the personnel/caretaker housing? **Yes** _____ **No** _____
 (Note: To ensure that your growing area can meet water quality standards and be classified by Alaska Department of Environmental Conservation (ADEC), no sewage discharge from a facility will be allowed within 300 feet from the boundary of a ADEC classified growing area. All other discharges will be evaluated separately by ADEC.

A personnel/caretaker facility will add \$425.00 to your Department of Natural Resources annual fee. You may stay a maximum of 14 consecutive days at your site on state-owned uplands or tidelands without applying for personnel/caretaker housing.

F. REQUEST FOR NEW UPLAND PROPERTY (if applicable)

1. If you are applying for new state owned uplands for support facilities, how many total upland acres are you applying for? _____ (total upland acres).
2. Do you currently lease upland property adjacent to, or near, the current farm site conjunction with your proposal?
Yes ___ **No** ___ **If Yes**, attach a copy of ownership deed or lease.
3. If you are the adjacent upland owner, are you applying for a preference right under 11 AAC 63.040(f)?
Yes ___ **No** ___
4. Please provide names and addresses of upland owners on each side of your proposed farm site. **This information may be obtained through borough/city property tax records, state, or federal land records.** Note: all adjacent upland owners within one-half mile on each side of your proposed farm site **must be notified.**

UPLAND OWNER(S)

ADDRESS

UPLAND OWNER(S)

ADDRESS

5. Are you proposing to use an outhouse and septic systems on the upland property? **Yes** ___ **No** ___
Outhouse and septic systems must maintain a minimum 100-foot horizontal separation distance from surface waters and a minimum 4-foot vertical separation distance from the high ground water table. Additional information may be required by DEC depending on the type and complexity of the wastewater system proposed. Contact the DEC Shellfish Program Coordinator at (907) 269-7638.

G. ALASKA COASTAL MANAGEMENT PROGRAM CERTIFICATION (if applicable)
(For DNR, Division of Coastal and Ocean Management)

Your proposed amendment modification may or may not require another review with the standards under the Alaska Coastal Management Program (ACMP). If you are proposing new acreage, an ACMP review would be required. If you believe your proposed amendment modifications are consistent with the ACMP standards, complete the certification statement below.

H. APPLICATION SIGNATURE BLOCK

**AQUATIC FARM AMENDMENT SIGNATURE AND THE
ALASKA COASTAL MANAGEMENT PROGRAM CERTIFICATION STATEMENT**

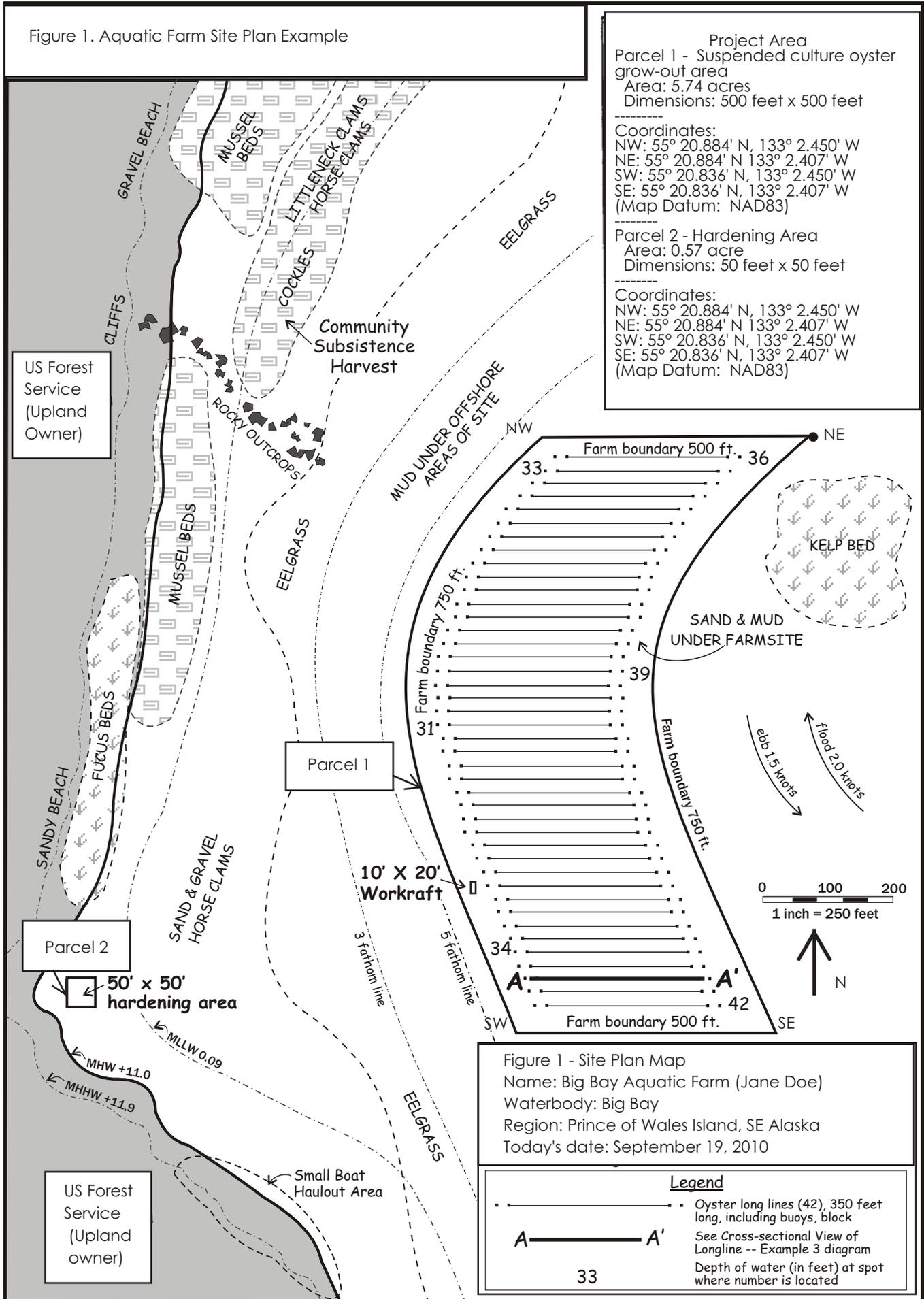
The information contained in this aquatic farm amendment request form is true and complete to the best of my knowledge. I certify that the proposed activity complies with, and will be conducted in a manner consistent with, the Alaska Coastal Management Program.

This certification statement does not provide authorization necessary to sell my product. I understand I must separately apply for and hold a Growing Area Certification and a Harvesters Permit from the Department of Environmental Conservation.

Printed Name _____

Signature of Lessee/Permit Holder _____ **Date** _____

Figure 1. Aquatic Farm Site Plan Example



Project Area
 Parcel 1 - Suspended culture oyster grow-out area
 Area: 5.74 acres
 Dimensions: 500 feet x 500 feet

Coordinates:
 NW: 55° 20.884' N, 133° 2.450' W
 NE: 55° 20.884' N, 133° 2.407' W
 SW: 55° 20.836' N, 133° 2.450' W
 SE: 55° 20.836' N, 133° 2.407' W
 (Map Datum: NAD83)

Parcel 2 - Hardening Area
 Area: 0.57 acre
 Dimensions: 50 feet x 50 feet

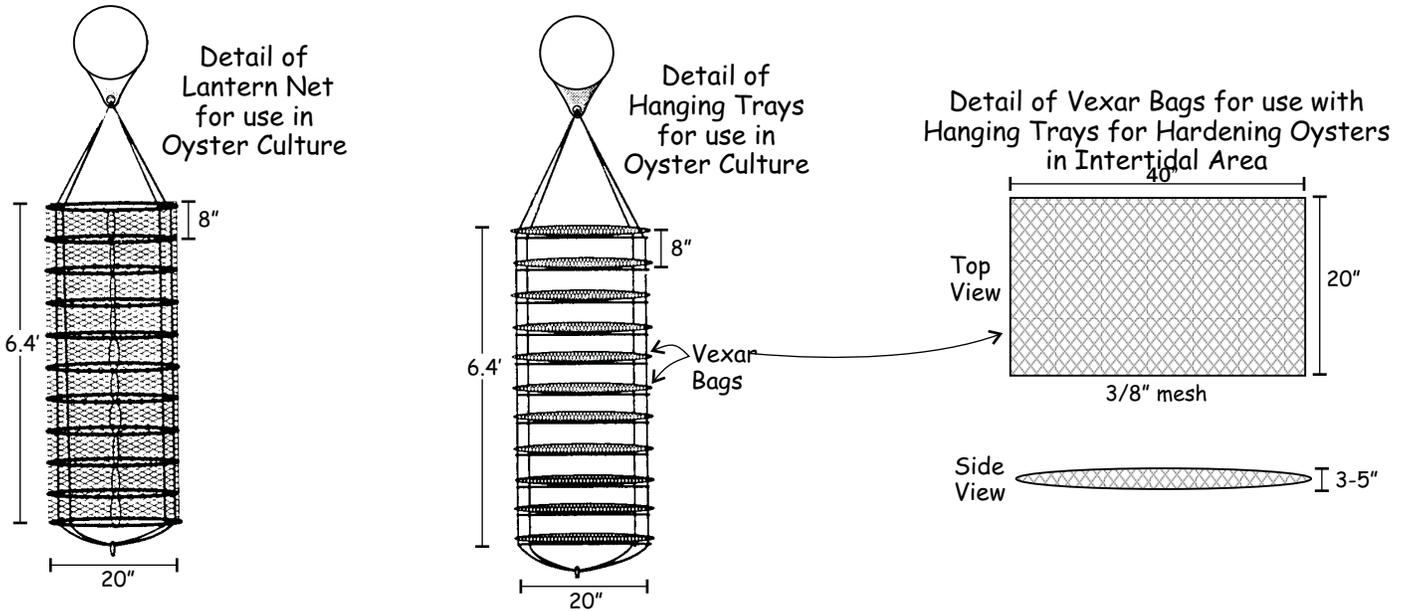
Coordinates:
 NW: 55° 20.884' N, 133° 2.450' W
 NE: 55° 20.884' N, 133° 2.407' W
 SW: 55° 20.836' N, 133° 2.450' W
 SE: 55° 20.836' N, 133° 2.407' W
 (Map Datum: NAD83)

Figure 1 - Site Plan Map
 Name: Big Bay Aquatic Farm (Jane Doe)
 Waterbody: Big Bay
 Region: Prince of Wales Island, SE Alaska
 Today's date: September 19, 2010

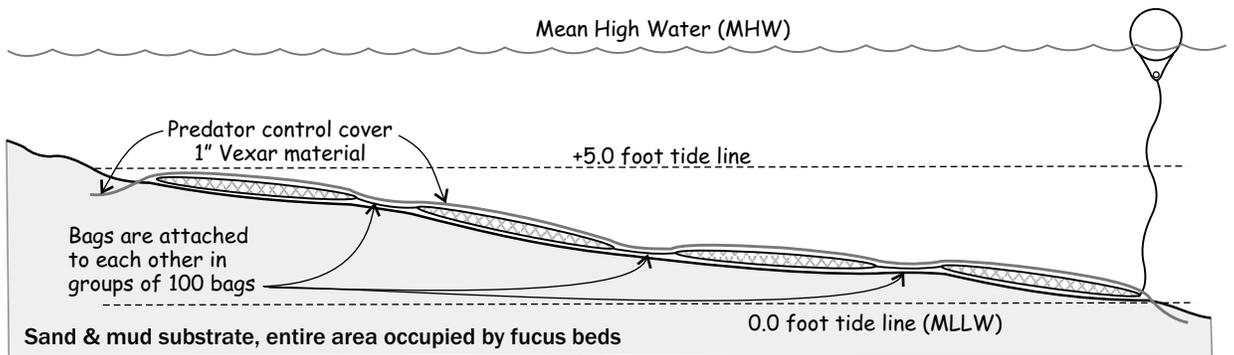
Legend

- Oyster long lines (42), 350 feet long, including buoys, block
- A — A' See Cross-sectional View of Longline -- Example 3 diagram
- 33 Depth of water (in feet) at spot where number is located

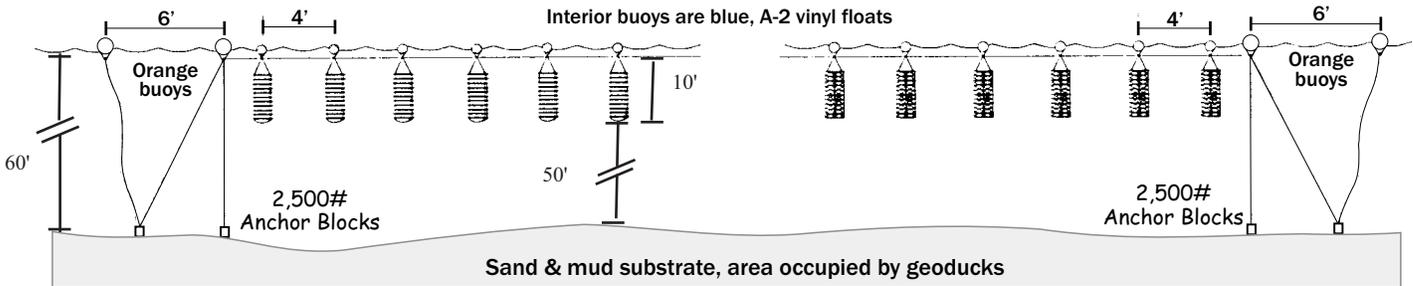
Figure 2. Aquatic Farm Cross-Sectional Diagrams and Drawings Examples



Cross-sectional View showing placement of Vexar Bags in the Intertidal Area



A - A': Cross-sectional view of Longline for suspended Lantern Nets & Hanging Trays



Cross-sectional View of Hardening Site

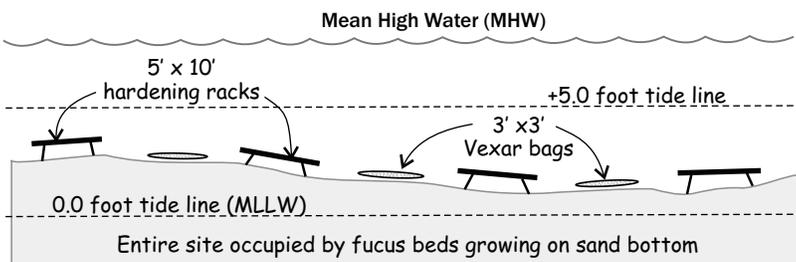


Figure 5 - Detailed Cross-sectional Diagrams and Drawings

Name: Big Bay Aquatic Farm (Jane Doe)
 Waterbody: Big Bay
 Region: Prince of Wales Island, SE Alaska
 Today's date: September 19, 2010