

Drakes Bay Oyster Company

17171 Sir Francis Drake Boulevard

Inverness, CA 94937

(415) 669-1149

kevin@drakesbayoyster.com

nancy@drakesbayoyster.com

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Natalie Gates
DBOC SUP EIS

Dear Natalie,

10b – Oyster Production – Bottom Bags

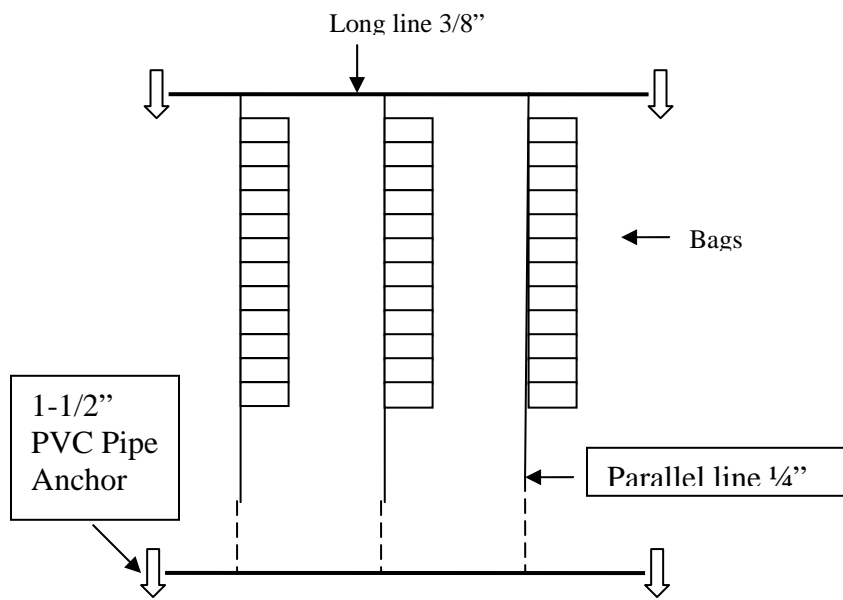
Location Protocols:

- Bottom bags are only placed in areas devoid of eelgrass.
- Bottom bags are placed strictly within the CDFG leases M-438-01 and M-438-02.

Practice Protocols:

- Bags are made of a plastic mesh through which water and air freely passes.
- Most commonly, bags are placed on sandier, less muddy substrate.
- In high-flow, more aggressive current areas, bottom bags are attached to long lines (refer to diagrams and specifications 1 and 2, below).
- In low current flow areas, where there is no risk of bag displacement, single bags are placed directly on the substrate, without the use of long lines.
- Floating bottom bag culture (see diagrams and specifications 2 & 3, below), typically used for smaller seed, can rest on the substrate at low tide and float off the bottom at high tide.
- Bags are typically managed approximately 1 time/month by flipping them upside-down onto a different location on the substrate. This reduces the likelihood of oyster shells growing together, forming a “cluster”.
- At harvest time, bags are removed from the intertidal areas by placing them on a barge.
- Following harvest, anchors and long lines are left in place for subsequent planting in the same area.

Diagram 1 – Bottom bag culture



Specifications:

1. Long line: 3/8" rope
2. Parallel lines: 1/4" rope
3. Anchors are made out of 1 1/2" PVC pipe (diagram 2)
4. Grow-out bags are made of Vexar mesh material
5. Bags are closed with 4" rubber bands and 3" PVC coated galvanized hooks
6. Grow-out bags are fastened along the parallel line

Diagram 2 – PVC anchors for bottom and floating bag cultures

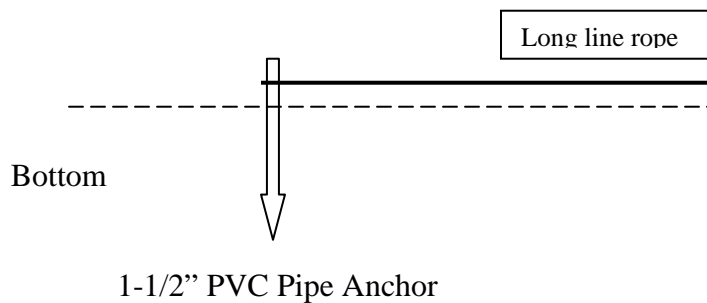
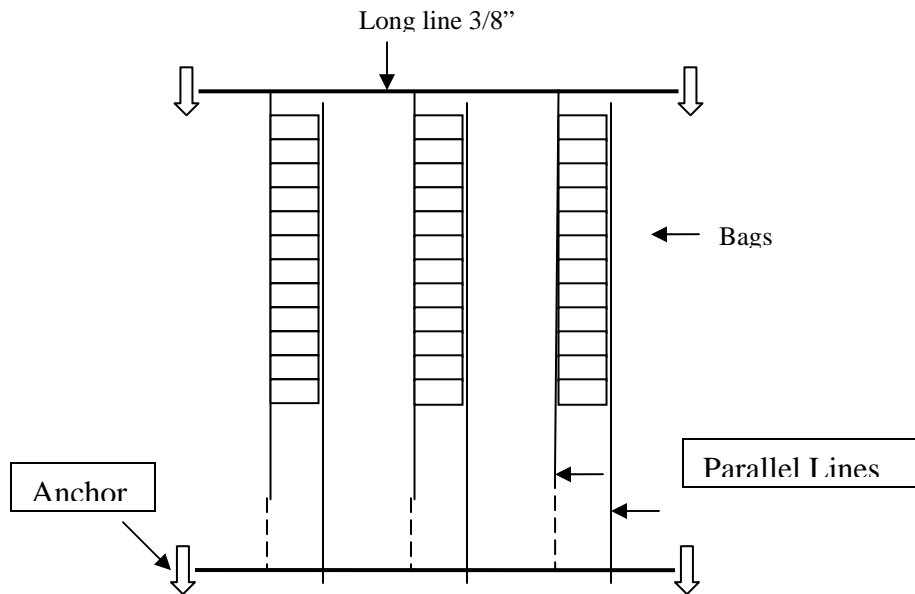


Diagram 3 – Floating bag culture



Specifications:

1. Long line: 3/8'' rope
2. Parallel lines: 1/4'' rope
3. Anchors are made out of 1 1/2'' PVC pipe (diagram 2)
4. Grow-out bags are 2'x 4' Vexar mesh or smaller
5. A small piece of closed cell Styrofoam is placed inside each bag
6. Each grow-out bag is fastened to two parallel lines

Sincerely yours,

Kevin Lunny