



Oyster restoration: CAMA Permitting and Habitat considerations

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Oyster Restoration Permitting

- Any private oyster restoration will require authorization from DCM
- Typically, oyster restoration will need to be permitted through the Major permit process
- Umbrella permit process – one application



Oyster Restoration Permitting

Major permits applications are reviewed DCM staff (Field rep. and Fisheries Resource Sp.) and other agencies including WRC, DWR, and USACE.

- Typical concerns fall into three categories...



Navigation

- Reef location- locally utilized channels
- Reef height – marking reef
- Riparian rights





Historic Use

- Fisheries in area
- Recreational use
- User conflict



Fish Habitat

Site Selection - Habitat Trade-offs

- SAV, shellfish, soft bottom, wetlands

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Fish Habitat

- Project Design – Fish access trade-offs





Fish Habitat

- Project Construction-
more Habitat Trade-offs

Marsh impacts - staging area, machinery ruts, loading a barge, treading

Bottom habitat impacts

barge compaction, prop dredging, treading





Oyster Habitat

- Site Selection – Regional/site conditions
- Project Design – Substrate (Oyster shell limited resource)



www.csc.noaa.gov



www.reefmaker.net



AP Photo/Pat Sullivan



Moonshadow media www.vimeo.com



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