

CBOCS Missions

PRIMARY

Host Oyster Spat on Shell for 1 year
PARALLEL

- Educate youth
- Monitor water quality
- Outreach to community
- Enhance Fishing Creek Trail

CBOCS Accomplishments

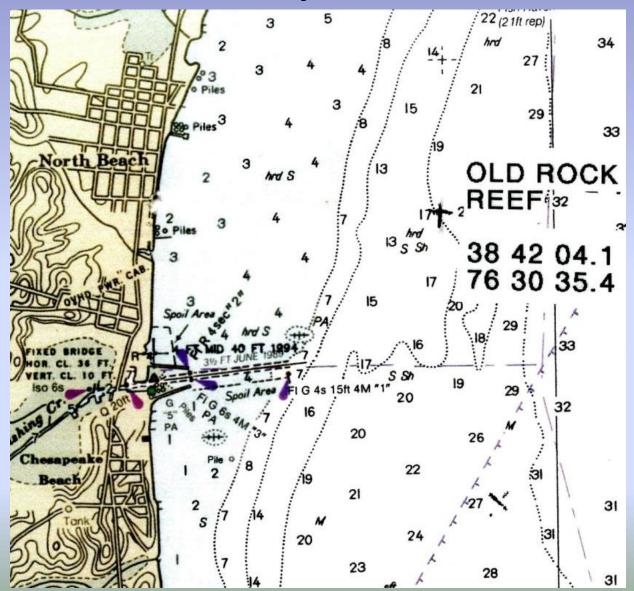
- Formed 2011, 5th year in operation, 120 volunteers
- Installed 30 BOCS Oyster Cages in Fishing Creek to raise oysters from spat to 1 year olds (plus another 30 MGO cages)
- Placed 400,000 juvenile oysters on Old Rock Reef
- Hosted 3200 Calvert County Students on Field Trips
- Partnered with Maryland Growing Oysters program

CBOCS is endorsed and supported by Chesapeake Beach Mayor Wahl, Calvert County Commissioners, Calvert County School System, Delegate Fisher and Senator Miller and Chesapeake Beach Residents

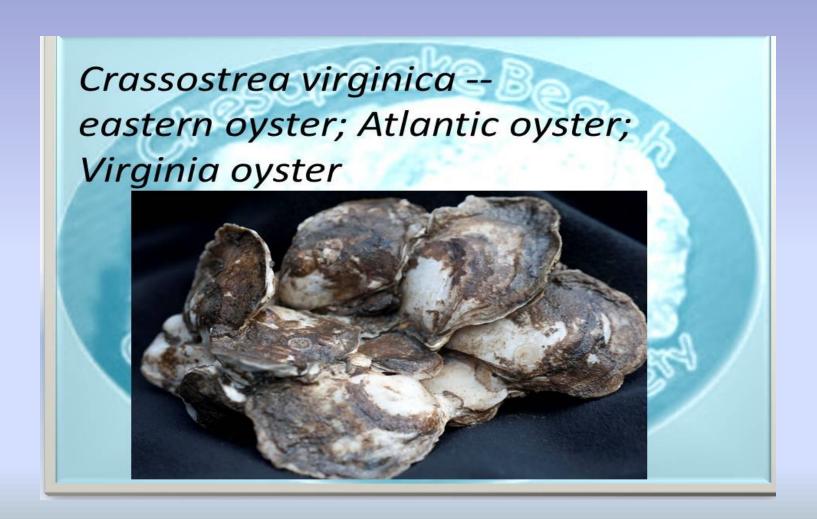
CBOCS Fishing Creek

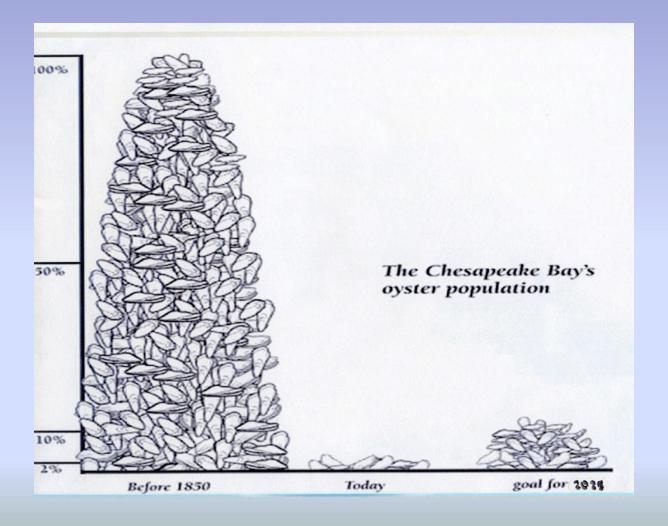


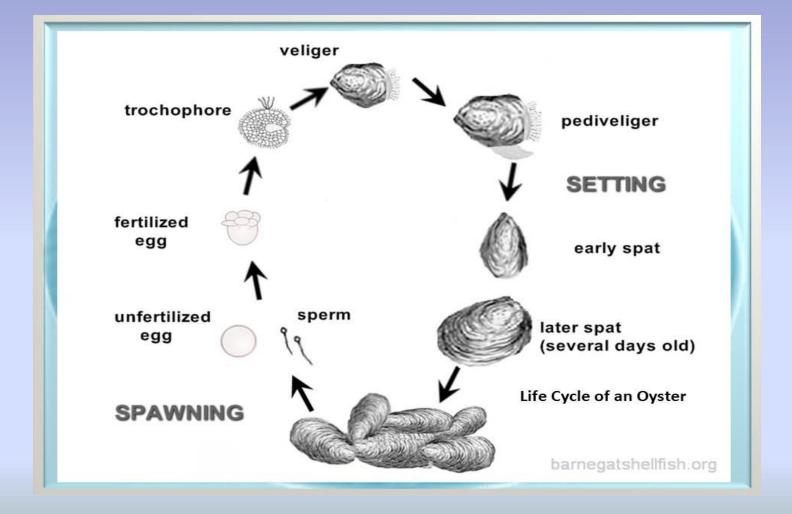
CBOCS Oyster Reef



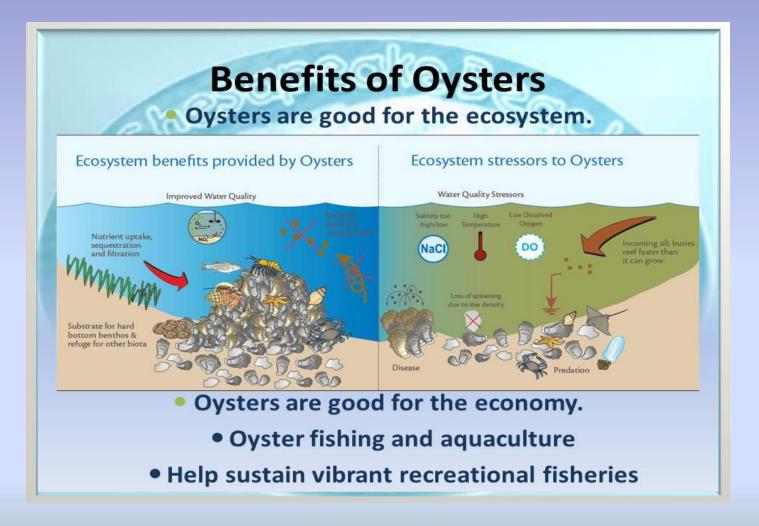
OYSTERS







Oysters



Oyster Larvae

100's of oyster larvae

1 oyster larvae (Poppy seed size)

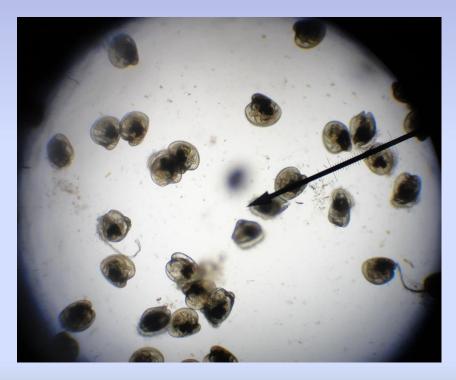




Oyster Larvae

Many Larvae magnified 40 times

Larvae swimming around in tank





Oyster Spat

Oyster Spat 8 weeks old

Oyster spat 10 months old





Oyster Clumps from Chesapeake Bay

Oyster clumps 3 year old

Oyster clumps 3 year old





Ousters 3 years old

Oyster clumps 3 years old

Oysters filtering creek water





Oyster bag delivery

Oysters loading in BOCS





Oyster bags being loaded

Oyster bags to be loaded





Float the Cages

Position for Growth Cycle





Placing BOCS cages under Trail BOCS ad MGO Cages





Raising Oyster Cages



Lifting Oyster Cage



Cages into unloading frame

Juveniles Unloaded





Cleaning Cages - YUK

Cleaned Cages - YEA





Transport to Reef

Deployed on Reef





Counting 1 year old Spat

Counting 1 year old Spat





Counting and Sizing Spat

Count Totals





DNR buoy on Old Rock Reef

Monitor Reef Progress Calvert County Dive Team





Oyster Reef Balls

Reef balls ready to be deployed

Reef ball after 3 years in bay



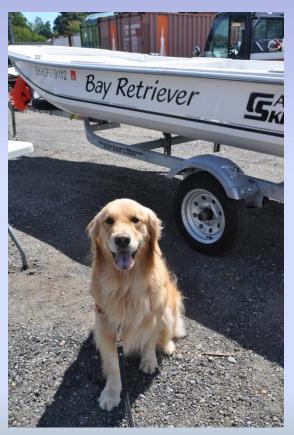


CBOCS Volunteers

All Ages



All breeds



- Support CHESPAX "Oyster of the Chesapeake Bay" field trips for 6 Northern Calvert schools
 5th grade students.
- Conduct joint environmental programs with Northern High school LORAX and Northern Middle school Honors program.
- Conduct educational seminars and field trips for youth, church and civic groups.

Water Quality Monitoring

Measuring Oysters





Stream Flow Monitoring

Water Quality Monitoring





Field Trip Orientation

Identifying Oyster Friends





Viewing Oyster Friends

Observing Wonders of Trail





Checking Oyster Spat

Oyster Introduction



