

ANNUAL SHELLFISH MANAGEMENT REVIEW
for the period
January 1st to December 31st, 2005

Municipality: Pembroke

Date: 02/23/06

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

Statement of Management Goals and Implementation Actions

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) provide a harvesting opportunity for the maximum number of participants
 maximize individual harvest by minimizing the number of participants
- 2) increase the clam resource through various enhancement activities
 maintain a sustainable yield through the vigorous use of production controls
- 3) provide for recreational harvesting in preference to commercial harvesting
 provide for commercial harvesting in preference to recreational harvesting
- 4) maximize the economic value of the resource by adjusting production
 maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- limit the number of commercial harvesters
- limit the number of recreational harvesters
- restrict times of harvest
- restrict the areas of harvest
- limit the amount of commercial harvest
- limit the amount of recreational harvest
- other:

The following management activities were undertaken: (check all that apply)

- predator protection through fencing, netting, trapping and etc.
- reseedling from high density areas or seeding with hatchery stock
- flat surveys to determine size distribution and density
- harvester surveys to obtain catch and effort data
- enhance natural seeding through brushing, roughing and etc.
- establishing conservation areas for flat rotation
- other:

Shellfish Committee/Staff

Municipality: Pembroke

Title	Name	Mailing Address	Telephone
Chair	<u>Travis Stevens</u>	<u>PO Box 97, Pembroke, 04666</u>	<u>726-4418</u>
Vice Chair	<u>Ricky Brown</u>	<u>Youngs Cove Rd, Pembroke, 04666</u>	<u>726-5030</u>
Secretary	<u>Debbie Bulk</u>	<u>Robbinson Ridge Rd, Pembroke, 04666</u>	<u>726-5864</u>
Member(s)	<u>Fred Chase</u>	<u>Pembroke, 04666</u>	<u>na</u>
	<u>Chris Kilton</u>	<u>Pembroke, 04666</u>	<u>na</u>
Selectmen/ Council Rep.	<u>Milan Jamieson</u>	<u>PO Box 247, Pembroke, 04666</u>	<u>726-4242</u>
Wardens	<u>Lester Seeley</u>	<u>PO Box 8, Dennysville, 04628</u>	<u>726-4689</u>
WQSpec(s)			

Committee Meetings

The Shellfish Committee holds regularly scheduled meetings: yes [] no

The following number of meetings was held during the past year: 1

Minutes of meetings are recorded, filed and are available upon request: yes [] no

Conservation Credit

The opportunity to obtain conservation credit is provided: [] yes no

The total number of conservation hours needed to obtain credit is .

Conservation credit is required to obtain a: [] renewal license

[] new license

Conservation hours are given for:

- meeting attendance
- committee service
- educational activities
- coastal cleanup
- surveys
- reseeding
- brushing
- predator control
-

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is 0.

Shellfish Conservation Budget

Municipality: Pembroke

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident	NL	43	\$2,135.00
Nonresident	10%	6	\$600.00
Senior Resident	-	-	\$0.00
Senior Nonresident	-	-	\$0.00
Junior/Student Resident	-	-	\$0.00
Junior/Student Nonresident	-	-	\$0.00
Other: -	-	-	\$0.00
<i>Recreational</i>			
Resident	NL	29	\$435.00
Nonresident	NL	7	\$210.00
Daily/Weekly/Monthly Res.	-	-	\$0.00
Daily/Weekly/Monthly Nonres.	-	-	\$0.00
Senior Resident	NL	22	\$0.00
Senior Nonresident	NL	0	\$0.00
Junior/Student Resident	-	-	\$0.00
Junior/Student Nonresident	-	-	\$0.00
Other: -	-	-	\$0.00
SUBTOTAL (1)			\$3,380.00
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$10,455.00
Funds Raised for Warden			\$0.00
Funds Raised for Management Activities			\$0.00
Fines			\$150.00
Other			\$0.00
SUBTOTAL (2)			\$10,605
TOTAL Receipts (1+2)			\$13,985.00
Disbursements			
Warden Salary			\$1,066.00
Mileage			\$0.00
Clothing			\$0.00
Equipment			\$0.00
Training			\$0.00
SUBTOTAL (3)			\$1,066.00
Advertising			\$0.00
Supplies			\$0.00
Surveys			\$0.00
Seeding			\$0.00
Miscellaneous			\$68.00
SUBTOTAL (4)			\$68.00
TOTAL Disbursements (3+4)			\$1,134.00

Proposed Management Controls

Municipality: Pembroke

The following management controls will be utilized for the coming year: (check all that apply)

- limit the number of commercial harvesters
- limit the number of recreational harvesters
- restrict times of harvest
- restrict the areas of harvest
- limit the amount of commercial harvest
- limit the amount of recreational harvest
- other:

Proposed Shellfish Licenses

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	<u>NL</u>	<u>\$50.00</u>
Nonresident	<u>10%</u>	<u>\$100.00</u>
Senior Resident	<u></u>	<u>\$</u>
Senior Nonresident	<u></u>	<u>\$</u>
Junior/Student Resident	<u></u>	<u>\$</u>
Junior/Student Nonresident	<u></u>	<u>\$</u>
Other	<u></u>	<u>\$</u>
<i>Recreational</i>		
Resident	<u>NL</u>	<u>\$15.00</u>
Nonresident	<u>NL</u>	<u>\$30.00</u>
Daily/Weekly Monthly Res.	<u></u>	<u>\$</u>
Daily/Weekly Monthly Nonres.	<u></u>	<u>\$</u>
Senior Resident	<u>NL</u>	<u>\$0.00</u>
Senior Nonresident	<u>NL</u>	<u>\$0.00</u>
Junior/Student Resident	<u>NL</u>	<u>\$0.00</u>
Junior/Student Nonresident	<u>NL</u>	<u>\$0.00</u>
Other	<u></u>	<u>\$</u>

- License number determination is based upon:
- calculation using survey data
 - survey data as a guide
 - harvester input
 - need/demand

The above numbers are:

- tentative, the actual numbers to be determined later
- firm, have been or will be submitted to DMR

Proposed Management Activities

Municipality: Pembroke

The following management activities will be undertaken during the coming year: (check all that apply)

- predator protection through fencing, netting, trapping and etc.
- reseeding from high density areas or with hatchery stock
- flat surveys to determine size distribution and density
- harvester surveys to obtain catch and effort data
- enhance natural seeding through brushing, roughing and etc.
- establishing conservation areas for flat rotation
- other:

In order to implement these management activities the committee will utilize: (check all that apply)

- harvesters vested with conservation credit
- harvester volunteers
- paid harvesters
- municipal employees
- paid consultants
- other:

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- annually
- biannually
- quarterly
- bimonthly
- monthly

Meeting notification for other than regularly scheduled meetings is by:

- mailing
- phone call
- posting
- newspaper
- word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- request the area biologist to participate in all meetings
- request the area biologist to participate in only specific meetings
- invite the area biologist to attend all meetings
- invite the area biologist to attend only specific meetings

Summary of Transplant Activities

Municipality: Pembroke

The following seeding / reseeding activities were conducted during the past year.

No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date				
Supervisor				
Crew #				
Amount				
Mean Size (in.)				
Size Range (in.)				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size				
Size Range				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

Summary of Conservation Closures

Municipality: Pembroke

The following is a list of conservation closures implemented or in effect during the past year.
 (This table is for areas normally open.) No conservation areas were closed.

Conservation Area	Acreage	Closing Date	Opening Date	Total Days	Reason
<i>Youngs Cove</i>	-	<i>6/1</i>	<i>12/1</i>	<i>183</i>	<i>conservation</i>

Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.
 (This table is for areas normally closed.) No conservation areas were opened.

Conservation Area	Acreage	Opening Date	Closing Date	Total Days	Reason

Additional Activities

Municipality: Pembroke

Spatfall Enhancement

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting. No such activities were conducted.

Location	Date	Description

Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting. No such activities were conducted.

Location	Date	Description

Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup. No such activities were conducted.

Location	Date	Description