

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

Municipality: Cumberland

Date: 05/30/06

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.
- reseeding 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: Cumberland

Title	Name	Mailing Address	Telephone
Chair	<u>Tom Peterson</u>	<u>115 Tuttle Road, Cumberland, 04021</u>	<u>829-5406</u>
Vice Chair	<u>Charles Adams</u>	<u>17 Deans Way, Cumberland, 04021</u>	<u>781-2167</u>
Secretary	<u></u>	<u></u>	<u></u>
Member(s)	<u>Cecil Doughty</u>	<u>Deer Point Road, Cumberland, 04021</u>	<u>846-3128</u>
	<u>Richard Peterson</u>	<u>146 Middle Road, Cumberland, 04021</u>	<u>829-5448</u>
	<u>Jim Higgins</u>	<u>6 Brookside, Cumberland, 04021</u>	<u>829-3513</u>
	<u>Milton Calder</u>	<u>10 Willow Lane, Cumberland, 04021</u>	<u>829-2218</u>
Selectmen/ Council Rep.	<u>Marland Story</u>	<u>45 Middle Road, Cumberland, 04021</u>	<u>829-3939</u>
Wardens	<u>Tom Burgess</u>	<u>290 Tuttle Road, Cumberland, 04021</u>	<u>829-2218</u>
	<u></u>	<u></u>	<u></u>
WQSpec(s)	<u></u>	<u></u>	<u></u>
	<u></u>	<u></u>	<u></u>

Committee Meetings

The Shellfish Committee holds regularly scheduled meetings: yes no

The following number of meetings was held during the past year: 4

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 10.

Conservation credit is required to obtain a: renewal license

new license

Conservation hours are given for:

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

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

Shellfish Conservation Budget

Municipality: Cumberland

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident	10	9	\$450
Nonresident	1	1	\$100
Senior Resident	0	0	\$0
Senior Nonresident	0	0	\$0
Junior/Student Resident	0	0	\$0
Junior/Student Nonresident	0	0	\$0
Other: 0	0	0	\$0
<i>Recreational</i>			
Resident	280	138	\$3,450
Nonresident	28	61	\$3,050
Daily/Weekly/Monthly Res.	120m	32	\$305
Daily/Weekly/Monthly Nonres.	60m	39	\$585
Senior Resident	0	97	\$0
Senior Nonresident	0	12	\$0
Junior/Student Resident	0	0	\$0
Junior/Student Nonresident	0	0	\$0
Other: 0	0	0	\$0
SUBTOTAL (1)			\$7,970
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$0
Funds Raised for Warden			\$0
Funds Raised for Management Activities			\$0
Fines			\$0
Other			\$0
SUBTOTAL (2)			\$0
TOTAL Receipts (1+2)			\$7,970
Disbursements			
Warden Salary			\$7,500
Mileage			\$0
Clothing			\$200
Equipment			\$200
Training			\$200
SUBTOTAL (3)			\$8,100
Advertising			\$150
Supplies			\$200
Surveys			\$0
Seeding			\$0
Miscellaneous			\$50
SUBTOTAL (4)			\$400
TOTAL Disbursements (3+4)			\$8,500

Proposed Management Controls

Municipality: Cumberland

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>10</u>	<u>\$50</u>
Nonresident	<u>1</u>	<u>\$100</u>
Senior Resident	<u>0</u>	<u>\$0</u>
Senior Nonresident	<u>0</u>	<u>\$0</u>
Junior/Student Resident	<u>0</u>	<u>\$0</u>
Junior/Student Nonresident	<u>0</u>	<u>\$0</u>
Other	<u>0</u>	<u>\$0</u>
<i>Recreational</i>		
Resident	<u>280</u>	<u>\$15</u>
Nonresident	<u>28</u>	<u>\$30</u>
Daily/Weekly Monthly Res.	<u>120m</u>	<u>\$10</u>
Daily/Weekly Monthly Nonres.	<u>60m</u>	<u>\$60m</u>
Senior Resident	<u>0</u>	<u>\$0</u>
Senior Nonresident	<u>0</u>	<u>\$0</u>
Junior/Student Resident	<u>0</u>	<u>\$0</u>
Junior/Student Nonresident	<u>0</u>	<u>\$0</u>
Other	<u>15/d</u>	<u>\$5</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: Cumberland

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: Cumberland

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: Cumberland

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	Days Closed*	Reason

*during 2005

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	Days Open*	Reason
<i>All Flats</i>	<i>40</i>	<i>6/1</i>	<i>9/30</i>	<i>122</i>	<i>Cropping</i>

*during 2005

