

ANNUAL SHELLFISH MANAGEMENT REVIEW

for the period

January 1st to December 31st, 2005

Municipality: Bremen Date: 2/23/06

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: Bremen

Title	Name	Mailing Address	Telephone
Chair	<u>Lisa Prior</u>	<u>P.O. Box 183 Bremen, ME 04551</u>	<u>529-6618</u>
Vice Chair			
Secretary			
Member(s)	<u>Rand Maker</u>	<u>LCSD P.O. Box 611 Wiscasset, ME 04578</u>	<u>563-3200</u>
	<u>David L. Osier</u>	<u>10 Osier Drive Bremen, ME 04551</u>	<u>529-5744</u>
Selectmen/ Council Rep.			
Wardens	<u>Brent Barter</u>	<u>LCSD Box 611 Wiscasset, ME 04578</u>	<u>563-3200</u>
	<u>Rand Maker</u>	<u>LCSD Box 611 Wiscasset, ME 04578</u>	<u>563-3200</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: 8

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 15hrs.

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

reseedling

brushing

predator control

roughing

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

Summary of Warden Activities

Municipality: Bremen

Hours Patrolled: 270
 Diggers Checked: 620
 Warnings Given: 7
 Summon Issued: 27
 Court Appearances: 2
 Convictions: unknown

Enforcement of the shellfish management ordinance has been: satisfactory unsatisfactory

Enforcement could be improved by: more hours patrolled better training
 more wardens greater state support
 better equipment other _____

The warden is provided with a written job description: yes no

Production Data Collected by the Warden

Month	Avg. Daily Catch/Digger	Avg. # of Diggers/Day	Total # of Days Dug	Total Lbs or Bushels <input checked="" type="checkbox"/>
January	<u>.5</u>	X <u>10</u>	X <u>31</u>	= <u>1557</u>
February	<u>- Closed</u>	<u>because of ice</u>	<u>---</u>	<u>0</u>
March	<u>1</u>	<u>10</u>	<u>20</u>	<u>200</u>
April	<u>1</u>	<u>15</u>	<u>15</u>	<u>225</u>
May	<u>1.5</u>	<u>15</u>	<u>25</u>	<u>375</u>
June	<u>1.5</u>	<u>10</u>	<u>20</u>	<u>300</u>
July	<u>2</u>	<u>15</u>	<u>30</u>	<u>900</u>
August	<u>2</u>	<u>15</u>	<u>31</u>	<u>930</u>
September	<u>1.5</u>	<u>10</u>	<u>30</u>	<u>450</u>
October	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
November	<u>1</u>	<u>5</u>	<u>30</u>	<u>150</u>
December	<u>1</u>	<u>10</u>	<u>31</u>	<u>310</u>
TOTAL				<u>3995</u>

Warden(s)	Training Date	Nomination Date
<u>Brent Barter</u>	<u>4/1/04</u>	<u>3-18-05</u>
<u>Rand Maker</u>	<u>04/1/04 unknown?</u>	<u>3-18-05</u>

Shellfish Conservation Budget

Municipality: Bremen

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident	33	33	\$ 4950. ⁰⁰
Nonresident	4	4	\$ 800. ⁰⁰
Senior Resident			\$
Senior Nonresident			\$
Junior/Student Resident	2	2	\$ 30. ⁰⁰
Junior/Student Nonresident			\$
Other			\$
<i>Recreational</i>			
Resident	50	27	\$ 337.50
Nonresident	5	5	\$ 125.00
Daily/Weekly/Monthly Res.			\$
Daily/Weekly/Monthly Nonres.			\$
Senior Resident			\$
Senior Nonresident			\$
Junior/Student Resident			\$
Junior/Student Nonresident			\$
Other			\$
SUBTOTAL (1)			\$ 6242.50
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$ 15448.17
Funds Raised for Warden			\$ 0
Funds Raised for Management Activities			\$ 0
Fines			\$ 0
Other - DONATION - TRAHAN			\$ 1000. ⁰⁰
SUBTOTAL (2)			\$ 16448.17
TOTAL Receipts (1+2)			\$ 22690.67
Disbursements			
Warden Salary			\$ 5194.75
Mileage			\$
Clothing			\$
Equipment			\$ 3059.70
Training			\$
SUBTOTAL (3)			\$ 8254.45
Advertising			\$ 100. ⁰⁰
Supplies			\$ 100. ⁰⁰
Surveys			\$
Seeding			\$
Miscellaneous			\$
SUBTOTAL (4)			\$ 200. ⁰⁰
TOTAL Disbursements (3+4)			\$ 8454.45

Proposed Management Controls

Municipality: Bremen

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>33</u>	\$ <u>150.00</u>
Nonresident	<u>4</u>	\$ <u>200.00</u>
Senior Resident	<u>—</u>	\$ <u>—</u>
Senior Nonresident	<u>—</u>	\$ <u>—</u>
Junior/Student Resident	<u>4</u>	\$ <u>15.00</u>
Junior/Student Nonresident	<u>—</u>	\$ <u>—</u>
Other	<u>—</u>	\$ <u>—</u>
<i>Recreational</i>		
Resident	<u>50</u>	\$ <u>12.50</u>
Nonresident	<u>10</u>	\$ <u>25.00</u> RA
Daily/Weekly Monthly Res.	<u>—</u>	\$ <u>—</u>
Daily/Weekly Monthly Nonres.	<u>—</u>	\$ <u>—</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>

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: Bremen

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 Shoreline Clean-up

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 Shellfish warden

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: Bremen

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 (m/d)				
Supervisor				
Crew #				
Amount				
Mean Size (in)				
Size Range (in)				
Source Hatchery	<i>NO</i>			
Source Flat	<i>Broad Cove</i>			
Receiv. Flat	<i>Broad Cove</i>			
Flat Prep (y/n)	<i>N</i>			
Netted (y/n)	<i>N</i>			
Closed until	<i>N/A</i>			
	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size (in)				
Size Range (in)				
Source Hatchery				
Source Flat				
Receiv. Flat				
Flat Prep (y/n)				
Netted (y/n)				
Closed until				

Additional Activities

Municipality: Bremen

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
Broad Cove	5/1/05	Roughing Flat

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
Keene Neck to Medowak	5/1 -	Shoreline Cleanup
Town Landings	5/4	
Heath Point		
Broad Cove		