

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

**Municipality:** Southwest Harbor

**Date:** 01/14/06

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 Conservation Budget**

**Municipality:** Southwest Harbor

<b>License Receipts</b>	<b>Allocation</b>	<b>Sold</b>	<b>Received</b>
<i>Commercial</i>			
Resident	-	-	\$0.00
Nonresident	-	-	\$0.00
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	21	\$420.00
Nonresident	NL	1	\$40.00
Daily/Weekly/Monthly Res.	-	-	\$0.00
Daily/Weekly/Monthly Nonres.	-	-	\$0.00
Senior Resident	-	-	\$0.00
Senior Nonresident	-	-	\$0.00
Junior/Student Resident	NL	6	\$0.00
Junior/Student Nonresident	NL	5	\$0.00
Other: -	-	-	\$0.00
SUBTOTAL (1)			\$460.00
<b>Receipts Independent of License Fees</b>			
Shellfish Conservation Account Carried Forward			\$1,211.00
Funds Raised for Warden			\$0.00
Funds Raised for Management Activities			\$0.00
Fines			\$0.00
Other			\$0.00
SUBTOTAL (2)			\$1,211.00
TOTAL Receipts (1+2)			\$1,671.00
<b>Disbursements</b>			
Warden Salary			\$0.00
Mileage			\$0.00
Clothing			\$0.00
Equipment			\$0.00
Training			\$0.00
SUBTOTAL (3)			\$0.00
Advertising			\$0.00
Supplies			\$0.00
Surveys			\$0.00
Seeding			\$700.00
Miscellaneous			\$0.00
SUBTOTAL (4)			\$700.00
TOTAL Disbursements (3+4)			\$700.00



**Proposed Management Controls**

**Municipality:** Southwest Harbor

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	_____	\$ _____
Nonresident	_____	\$ _____
Senior Resident	_____	\$ _____
Senior Nonresident	_____	\$ _____
Junior/Student Resident	_____	\$ _____
Junior/Student Nonresident	_____	\$ _____
Other	_____	\$ _____
<i>Recreational</i>		
Resident	<u>NL</u>	<u>\$20.00</u>
Nonresident	<u>NL</u>	<u>\$40.00</u>
Daily/Weekly Monthly Res.	_____	\$ _____
Daily/Weekly Monthly Nonres.	_____	\$ _____
Senior Resident	_____	\$ _____
Senior Nonresident	_____	\$ _____
Junior/Student Resident	<u>NL</u>	<u>\$0.00</u>
Junior/Student Nonresident	<u>NL</u>	<u>\$0.00</u>
Other	_____	\$ _____

- 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:** Southwest Harbor

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: monitor existing conservation closure

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: committee members, school groups, community volunteers

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:** Southwest Harbor

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	6/15	10/13		
Supervisor	J. Coluquhoun	J. Colquhoun		
Crew #	60	85		
Amount	8,500 seed	7,500 seed		
Mean Size (in.)	0.75	1.25		
Size Range (in.)	0.4 - 1.5	0.4 - 1.5		
Source	-	-		
Source Flat	Southwest Harbor	Southwest Harbor		
Receiv. Flat	Fernald Cove	Fernald Cove		
Netted (y/n)	n	n		
Closed until	fall 2006	fall 2006		

	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:** Southwest Harbor

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>Fernald Cove</i>	18	-	-	365	<i>Resource recovery</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:** Southwest Harbor

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
<i>Pemetic School</i>	<i>5/15</i>	<i>Lecture 6th and 7th graders on clam mgt</i>
<i>Pemetic School</i>	<i>9/15</i>	<i>Lecture 6th, 7th, and 8th graders on clam mgt - prep for their participation in transplants</i>
<i>Harbor House</i>	<i>4/15</i>	<i>Class sessions preparing after school classes to assist with Connor Cv survey</i>