

The Alaska Shellfish Growers Logbook

A daily record of activities & expenses

Alaska Sea Grant Marine Advisory Program

Farm Name _____

Farm Owner _____

Starting Date _____



Instructions:

The intent of this journal is to provide you a single location to record environmental, operational, production, and descriptive data about your shellfish farm. The journal is printed on waterproof paper to allow recording in the field. The first page is a fill-in-the blank set of forms to record environmental measurements (water temperature °F and salinity (In parts per thousand ppt), water clarity, observable algae blooms and weather observations. While working the gear or harvesting, the causes and level of mortality (high, moderate, low) can be recorded. Farm activity in the form of hours, cost of labor, and description of equipment used and cost is entered on a table for eight identify farm activities and a blank row to enter any unidentified activity. Many farmers have a developed location identification system to pinpoint exact locations on the farm (e.g. longline 5 and lantern net 15 might have an location ID of 1/15). Location identifier codes provide a visual orientation to the farm. It is strongly recommended that you draw a layout of your farm, including location IDs, on the blank page available on the inside of the back cover of this journal. The back of each data sheet provides a table for recording any inventory information in an abbreviated inventory table. Periodically, you may wish to measure and count shellfish from a culture unit or chamber to assess the size and number of shellfish and use this information to estimate the total for a given size of production. For example, oysters are counted and measured from a single lantern net chamber at locations 5/10, 5/21, 5/30 along longline 5 that has 35 ten-chambered nets that were planted two years ago. The average size is 74 mm in length and the count averages 66 oysters per chamber. The total number of 74 mm oysters is 35 lines x 10 chambers each x 66 = 23,100. Please use the notes section to record additional information. The person recording the information must print their name and date.

Date _/_/____	Environmental Observations	Water Temperature	Surface ___°F	Gear Top ___°F	Bottom ___°F	Ice	
		Salinity ppt	Surface _	Gear Top ___	Bottom _____	Freshwater Lens Y N	
Mortality	Comments	Turbidity	clear ___ moderate ___ heavy ___	Algal Bloom Present Y N (describe)			
		Weather Observations (see instructions)					
cause	H	M	L				

Farm Activity	Owner Hours	Labor Hours	Labor Cost	Materials Used (describe)	Cost	Equipment Used (describe)	Cost	Comments
Gear Installation								
Gear Maint. (in water)								
Gear Maint. (onshore)								
Other Maintenance								
Seeding								
Grading / Cleaning								
Harvesting								
Packing / Shipping								

Location ID	Notes

Inventory Information

NOTES

Location ID	Average Size	Sample Size	Est. Total At Location

Recorder Name _____ Date _____