

Shellfish Aquaculture Plan, Years One-Five

Year One:

In the first year of the Shellfish Aquaculture program, the first of the four rotating closure areas will be created in Loagy Bay. Loagy Bay has ~4 acres of usable area in which to culch and seed. The plan then is to close the area for 2-3 years to allow the shellfish to grow and to filter nitrogen from the water column before being opened to harvest. As per the estimated budget, the year one expenses are estimated to be \$69,900.

Year Two:

The second year of the Shellfish Aquaculture program will see the Duck Creek area culched, seeded, closed for 2-3 years. In the second year, the quahog input for Loagy Bay will also be increased. Due to many of the startup costs already having been covered in the first year, the estimated budget for the second year is only \$26,400.

Year Three:

In year three of the Shellfish Aquaculture program, ~1 acre of The Cove (Chipman's Cove) will be heavily culched, seeded, and closed for 2-3 years. The shellfish in Loagy Bay will be checked to see if they are ready for harvest. If they are, they will then be harvested. If not, they will be harvested the following year. The estimated budget for this year is just \$23,200.

Year Four

In year four of the Shellfish Aquaculture program, ~4 acres of Blackfish Creek will be culched, seeded, and closed for 2-3 years. The shellfish in Duck Creek will be checked to see if they are fit to be harvested, and if they are they will then be harvested. If the Duck Creek shellfish are not ready, they will be harvested the following year. The estimated budget for this year is \$55,800.

Year Five:

In year five of the Shellfish Aquaculture program, Loagy Bay will be re-culched and seeded and closed again for 2-3 years. At this time the shellfish in Blackfish Creek will be checked to see if they are suitable to be harvested. If they are then the area will be opened to harvest. If they are not, they will be harvested the following year. The estimated budget for this year is \$33,400. The total estimated budget for years 1-5 is \$208,700.