



ALASKA DEPARTMENT OF FISH AND GAME

Mail completed site-specific report to:

Mariculture Program Coordinator
Alaska Department of Fish and Game
Division of Commercial Fisheries
P.O. Box 115526
Juneau, AK 99811-5526

Questions? Call (907) 465-6150 or,
(907) 465-6122

STATE OF ALASKA
AQUATIC FARMING
ON-BOTTOM SITE-SPECIFIC REPORT
OPERATING YEAR _____ (specify year)

Refer to the site-specific report instructions sheet for details on filling out each section.

*** CONFIDENTIAL ***

Your aquatic farm operation permit conditions state that for any on-bottom, subtidal or intertidal, farm site used to culture indigenous species, you are required to provide details of all farming activities in this site-specific report. This site-specific report must be returned by **January 31**. Use additional sheets of paper to detail or expand on your managed cultivation activities, as needed.

PERMIT INFORMATION

Permit Holder: Clem Shucker

Site Name: Gold Point

Business Name: Clem's Clams

Culture Type: On-bottom **No. Of Parcels:** 1

ADF&G Permit No: DFG-1997-29-AF-SE

DNR Lease: 907007

SPECIES APPROVED FOR CULTURE

(NOTE: You must submit a separate site-specific report for each indigenous species cultured on-bottom)

Littleneck clam

CERTIFICATION: Please be sure that you have reviewed all information in the remaining pages of this report before signing the following statement:

I certify that the information provided in this annual site-specific report is accurate and true.

Clem Shucker

Clem Shucker

1/15/2016

(print)

(signature)

(date)

FARM SITE CULTIVATION METHODS

MANAGED CULTIVATION ACTIVITIES: (check those that apply and provide more detail in the tables)

Reduction of competing or incidental species: Relocating other competing species that occur naturally alongside of the target cultured species.

Date of Activity (m/d/yr)	Name of Relocated Species	Number of Animals Relocated	Area of Farm Site Where Density Reduction Occurred (ft ²)
5/19/14	Sea stars	42	Whole site 900 sqft

Effectiveness of relocating species, problems, results, and goals: Sea stars are placed in totes and moved 200 ft south of the farm. We placed them in a similar sandy / gravel habitat at the same tide level as the farm. This is time consuming but, we are seeing fewer sea stars on the farm. Plan to continue next year.

- Density manipulation by culling and redistributing organisms:** Reducing competition for food and space by manipulating stocking densities (culling, redistributing, etc.) of the cultured species over the entire farm site.

Date of Activity (m/d/yr)	Culled/Redistributed	Number of Organisms Effected	Area of Farm Site Where Density Manipulation Occurred (ft ²)

Effectiveness of density manipulation, problems, results, and goals: _____

- Programmed harvests to optimize growth and shellfish conditions:** Planned rotational harvesting of farm site stock according to the rotational planting schedule rather than random plantings and harvestings.

Date of Harvest (m/d/yr)	Number of Animals Harvested	Age of Animals Harvested	Area of Farm Site Where Programmed Harvest Occurred (ft ²)

Effectiveness of programmed harvests, problems, results, and goals: _____

- Habitat Improvements:** Improving the bottom habitat (removing obstacles, removing debris, improving substrate, etc.) to enhance habitat suitability.

Date of Improvement (m/d/yr)	Detail Activity Used to Improve Habitat	Area of Farm Site Improved (ft ²)
6/25/14	Removed washed up trees	Middle 300 sqft

Effectiveness of habitat improvements, problems, results, and goals: Two large spruce washed up on the farm. Hauled them 50 ft north of the farm. Easier to maintain predator netting now. Will continue to monitor farm for debris.

- Import of naturally-produced seed:** Evaluating natural set through active sampling of culture clam plot populations to assess growth and abundance over time.

Date of Recruitment Event (m/d/yr)	Date of Farm Site Sampling (m/d/yr)	Area of Farm Site Sampled (ft ²)	Number of Seed Acquired (Requires active, regular farm site sampling)

Effectiveness of import, problems, results, and goals: _____

Import of Hatchery-produced Seed: Regularly purchasing seedstock from a certified hatchery, planting seedstock, and artificially enhancing the target species abundance on the farm site.

Planting ID (e.g. 2012-1)	Date of Planting (m/d/yr)	Number of Seed Planted	Number of Dead Seed	Planted Area Size (ft ²)
2014-1	5/19/14	10,000	1,050	150
2014-2	6/12/14	12,000	2,040	150

Effectiveness of planting hatchery seed, problems, results, and goals:
Planted parcel 1 twice. Seed dug in fairly quickly (2 hrs). Seed was ~3mm and looked good. Will continue seeding next year.

Predator exclusion devices: Exercising predator control with the use of predator exclusion devices (predator netting, tubes, etc.).

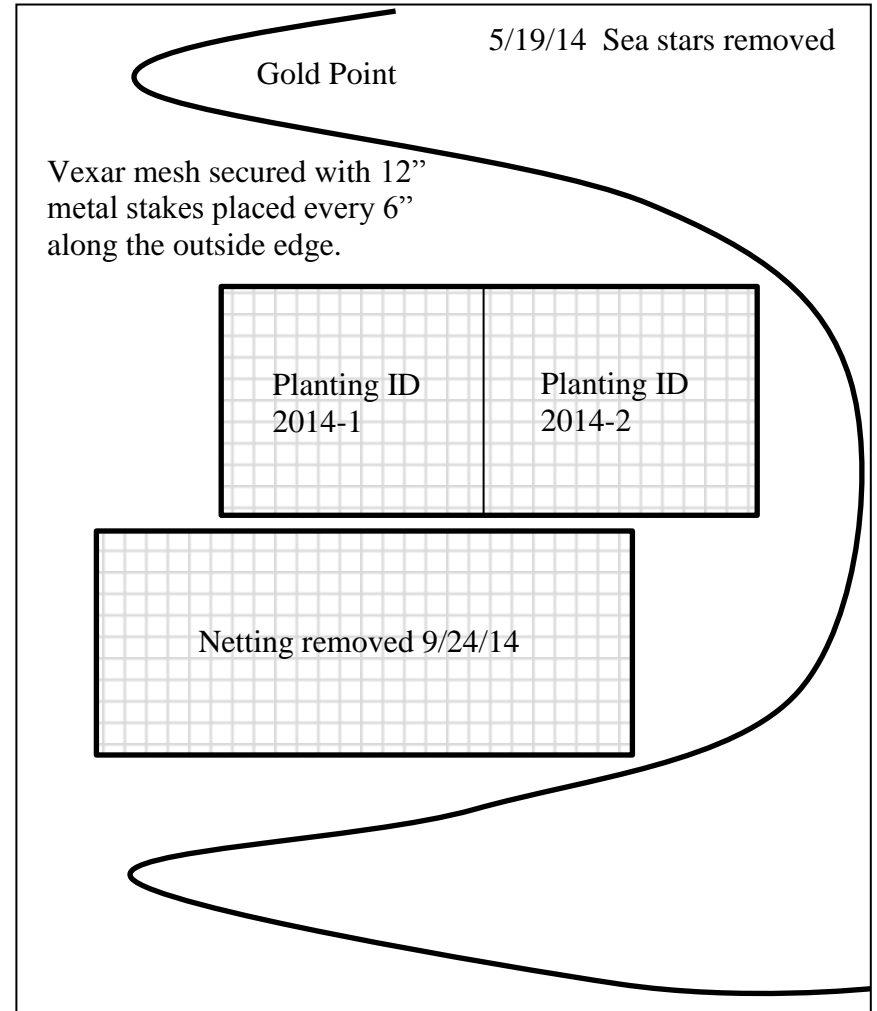
Date Deployed (m/d/yr)	Date Removed (m/d/yr)	Type of Exclusion Device (i.e. Vexar, PVC tubes, etc.)	Size/Amount Used
5/19/14		Vexar netting	150 sqft
6/12/14		Vexar netting	150 sqft
5/16/12	9/24/14	Vexar netting	300 sqft

Effectiveness of predator exclusion devices, problems, results, and goals:
Vexar helps keep sea stars off clams. We put new vexar on new seed and removed vexar from a previously planted area.

Other: Describe what you did, when, and how you did it.

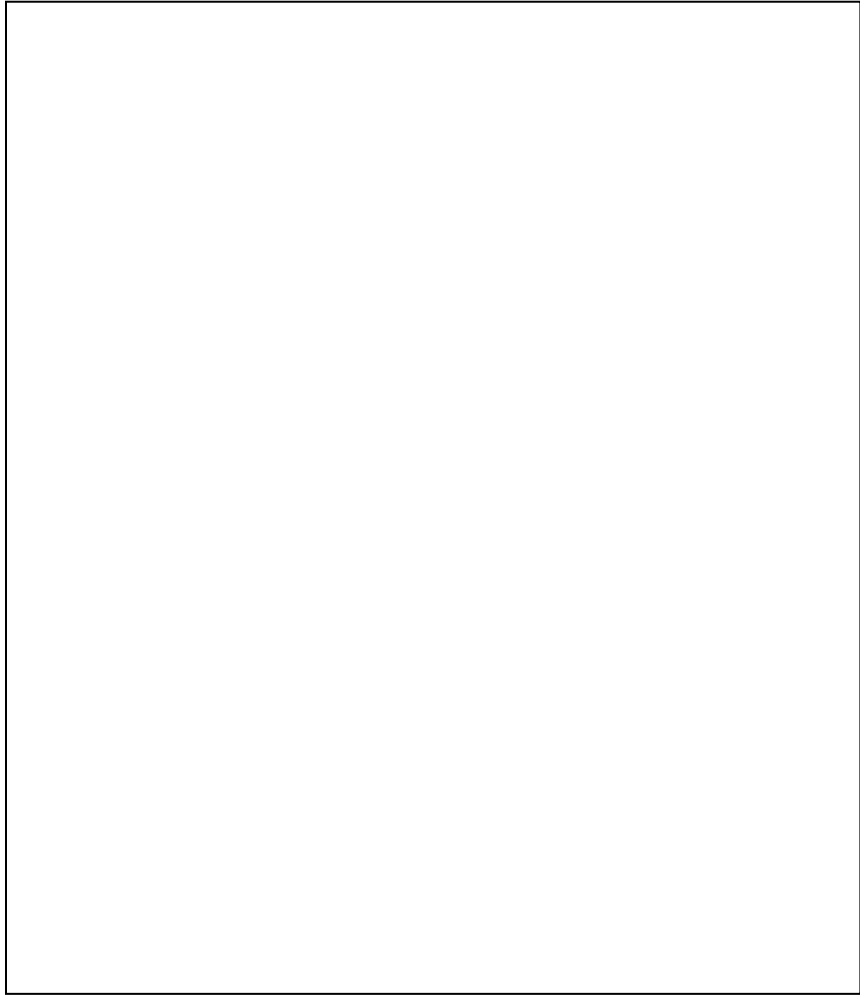
PARCEL ACTIVITY DIAGRAM If you have multiple parcels on your farm site, draw a separate diagram for <u>each</u> parcel.	
Parcel Name: 1	
NE Corner Coordinates	55° 03.3949'N
or Location:	132° 55.4124'W

Refer to the site-specific report instructions sheet for details on completing the diagram.



Parcel Activity Diagram If you have multiple parcels on your farm site, draw a separate diagram for <u>each</u> parcel.
Parcel Name:
NE Corner Coordinates or Location:

Refer to the site-specific instructions sheet for details on completing the diagram.



Parcel Activity Diagram If you have multiple parcels on your farm site, draw a separate diagram for <u>each</u> parcel.
Parcel Name:
NE Corner Coordinates or Location:

Refer to the site-specific instructions sheet for details on completing the diagram.

