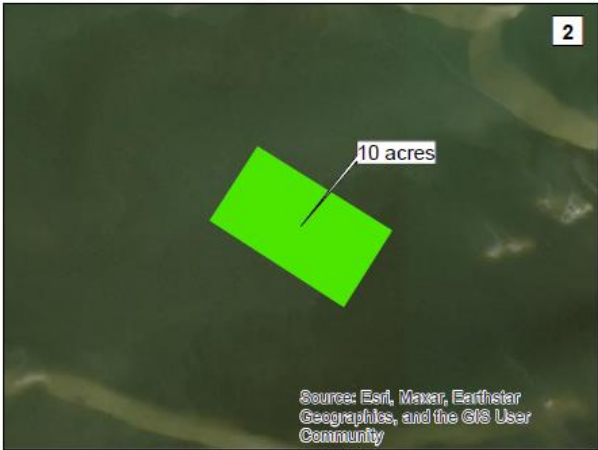
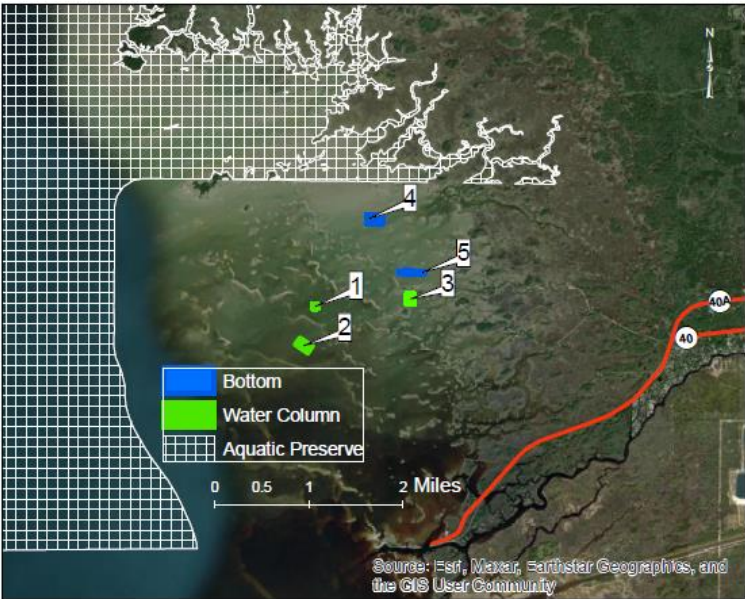


Proposed leases in Withlacoochee Bay, Levy County



**Division of Aquaculture
Aquaculture Parcels Resource Assessment
Levy County
6/10/2025-6/11/2025**

Introduction

Several applicants have proposed areas to be utilized for bottom clam and water column oyster aquaculture in Withlacoochee Bay, Levy County. Division staff, along with DEP Aquatic Preserve staff (Schleede Sites 1 & 2), assessed the proposed sites on June 10, 2025 and June 11, 2025.

Site Location

The site is in Withlacoochee Bay and Conditionally Approved #3402 Shellfish Harvesting Area (Figure 1).

Resource Assessment

The nominated areas were assessed in Withlacoochee Bay, West of Yankeetown, Levy County (Figure 2). The resource assessments were conducted during low and mid-rising tides. Visibility was less than 1 foot at the sites. The substrate consisted of mud, rock and oyster beds throughout the sites. The assessments were conducted June 10, 2025 and June 11, 2025 by boat utilizing poling and snorkeling. Four poling transects were conducted around the perimeter, along with two center transects for each site. Depths during the assessments ranged from 3 to 12 feet. A small section of the proposed Schleede Site 1 is located within the Big Bend Seagrasses Aquatic Preserve boundary (Figure 3).

Schleede Sites 1 & 2:

Oyster reefs and hard bottom were found around the perimeter of the proposed Schleede Site 1 (Figure 4). There was a smaller 11.5-acre section of bare-bottom towards the center of the area assessed in Schleede Site 1, which did not contain any resources (Figure 5). Patchy seagrass assemblages were found in the proposed Schleede Site 2 and we were unable to revise boundaries for this site (Figure 6). The shoreline is greater than 1,000 feet from the sites (Figures 7 & 8). A 50-foot buffer around the perimeter of the amended area was also assessed, which consisted of the same substrate and no other critical habitats were present (Figures 9 & 10). There were 5 applicants for these two proposed sites and there will be 25-foot easements in between each 2-acre parcel (Figure 11).

Schleede et. al. 11.5-acre Amended Site - GPS Coordinates and Depth:

NW Corner:	29.052537/ -82.773333	7 ft
NE Corner:	29.052548/ -82.770535	6 ft
SW Corner:	29.051002/ -82.773307	6 ft
SE Corner:	29.050998/ -82.770560	6 ft

Stewart Sites 1 & 2:

Oyster reefs and hard bottom were found around the perimeter of the proposed Stewart Site 1 and in the Western section of Stewart Site 2 (Figures 12 & 13). There was a smaller 8.6-acre section towards the center of the area assessed in Stewart Site 1, which did not contain any resources (Figure 14). And there was a smaller 6-acre Eastern section of the area assessed in Stewart Site 2, which did not contain any resources (Figure 15). A 50-foot buffer around the perimeter of the amended areas were also assessed, which consisted of the same substrate and no other critical habitats were present (Figures 16 & 17). The shoreline is greater than 1,000 feet from the sites (Figures 18 & 19). There were 5 applicants for these two proposed sites and there will be 25-foot easements in between the 4, 2-acre parcels in Stewart Site 1, for bottom clam aquaculture (Figure 20). Stewart Site 2 will be a 6-acre parcel for water column oyster aquaculture (Figure 21).

Stewart Site 1 8.6-acre Amended Site - GPS Coordinates and Depth:

NW Corner:	29.043916/ -82.767738	8 ft
NE Corner:	29.043936/ -82.762911	6 ft
SW Corner:	29.043256/ -82.767745	9 ft
SE Corner:	29.043264/ -82.762911	7 ft

Stewart Site 2 6-acre Amended Site - GPS Coordinates and Depth:

NW Corner:	29.040286/ -82.766282	6 ft
NE Corner:	29.040292/ -82.764907	6 ft
SW Corner:	29.038650/ -82.766274	6 ft
SE Corner:	29.038661/ -82.764902	6 ft

Donaldson Site:

No resources were found within the proposed Donaldson site (Figure 22). The 3-acre proposed area was amended to be a 2-acre parcel (Figure 23). A 50-foot buffer around the perimeter of the proposed area was also assessed, which consisted of the same substrate and no other critical habitats were present (Figure 24). The shoreline is greater than 1,000 feet from the site (Figure 25).

Donaldson Site 2-acre Amended Site - GPS Coordinates and Depth:

NW Corner:	29.038611/ -82.782786	9 ft
NE Corner:	29.038611/ -82.781762	9 ft
SW Corner:	29.037865/ -82.782762	8 ft
SE Corner:	29.037865/ -82.781747	8 ft

Pristine Aqua Farm Site:

No resources were found within the proposed Pristine Aqua Farm site (Figures 26 & 27). A 50-foot buffer around the perimeter of the proposed area was also assessed, which consisted of the same substrate and no other critical habitats were present (Figure 28). The shoreline is greater than 1,000 feet from the site (Figure 29).

Pristine Aqua Farm 10-acre Site - GPS Coordinates and Depth:

NW Corner:	29.033415/ -82.784919	8 ft
NE Corner:	29.032114/ -82.782592	8 ft
SW Corner:	29.032303/ -82.785765	8 ft
SE Corner:	29.030968/ -82.783443	8 ft

Recommendations:

After review of the pertinent information, Division staff recommends the amended sites (Figure 30).

Comments:

The Division seeks to preclude impacts to seagrass beds and other sensitive habitats. Division staff could make an accurate assessment of the proposed lease sites and the adjacent areas. The proposed parcels are not in a major navigation channel. Some boating/kayaking activity is expected for recreational fishing and commercial crabbing gear was present in the vicinity.

Figure 1. Location of proposed aquaculture lease sites in #3402 Withlacoochee Bay.

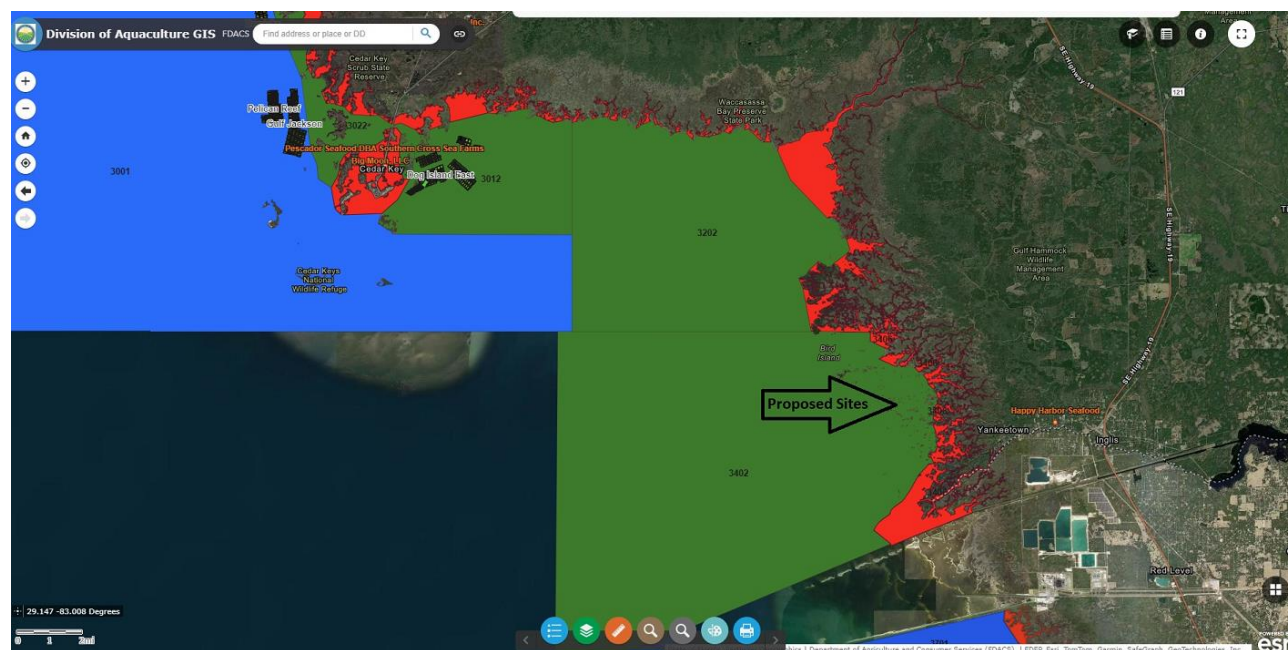


Figure 4. Oyster bars and small islands in Withlacoochee Bay near the proposed sites.

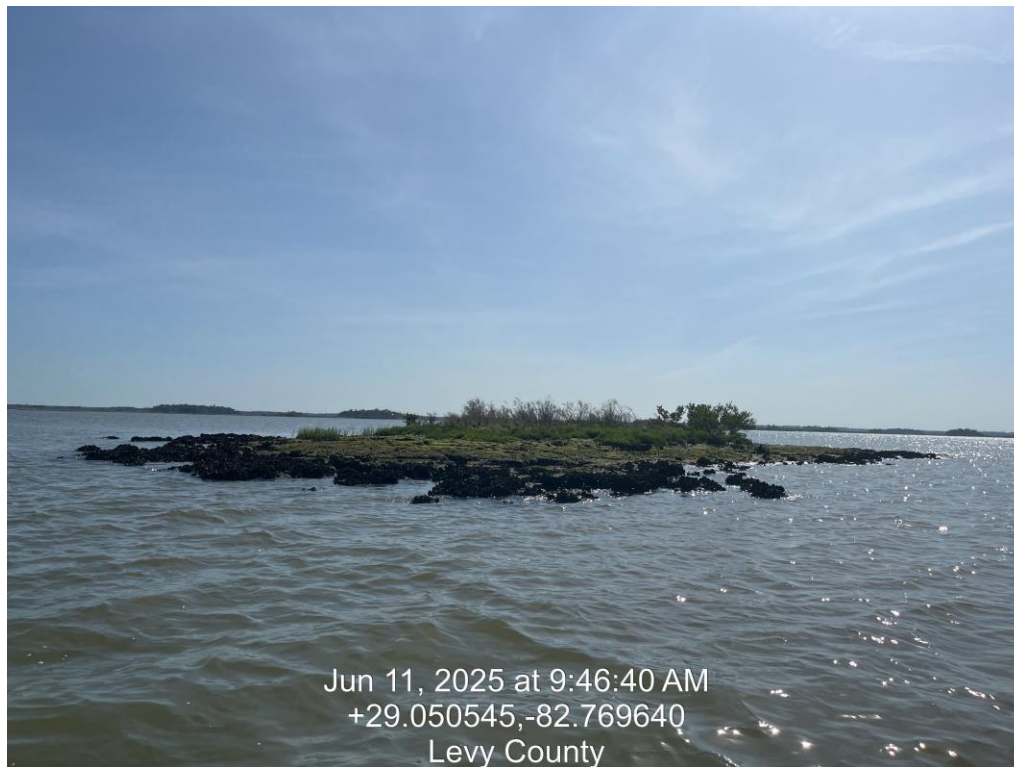


Figure 5. Assessment Sketch Schleede Site 1.

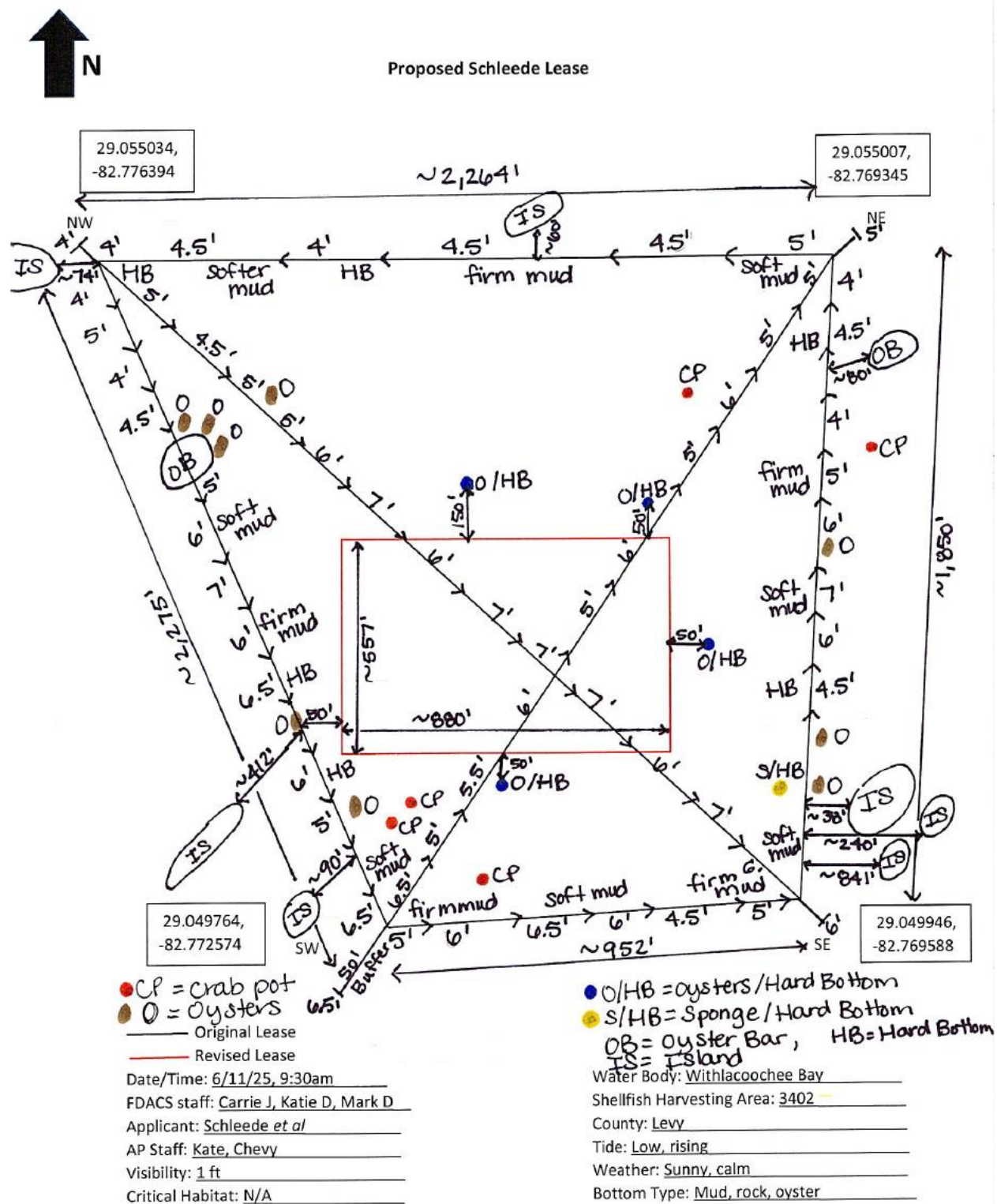


Figure 6. Patchy seagrass found in Schleede Site 2.

Photo: Big Bend Seagrasses Aquatic Preserve.



Figure 7. Shoreline looking North.



Figure 8. Shoreline looking East.

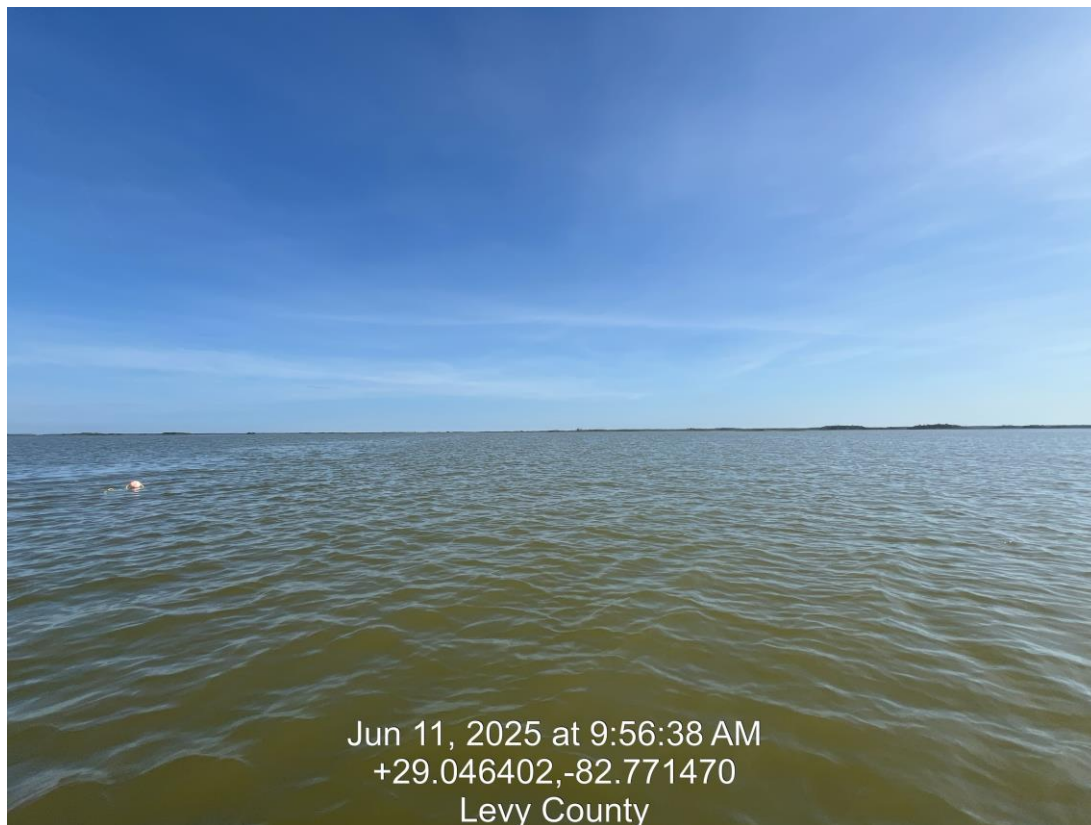


Figure 9. Schleede 11.5-acre amended area with no resource.

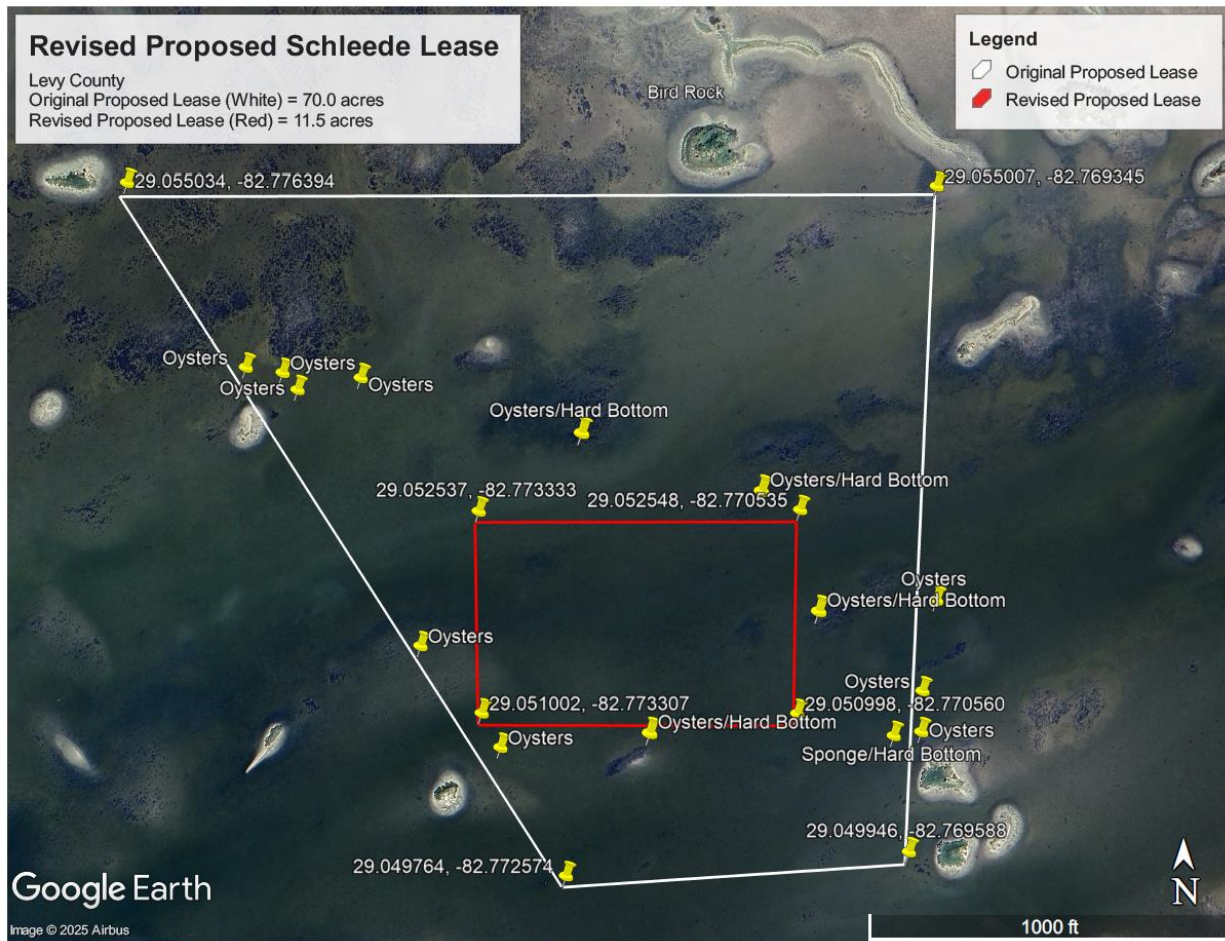


Figure 10. Critical habitat map of amended area.

Revised Proposed Schleede Lease

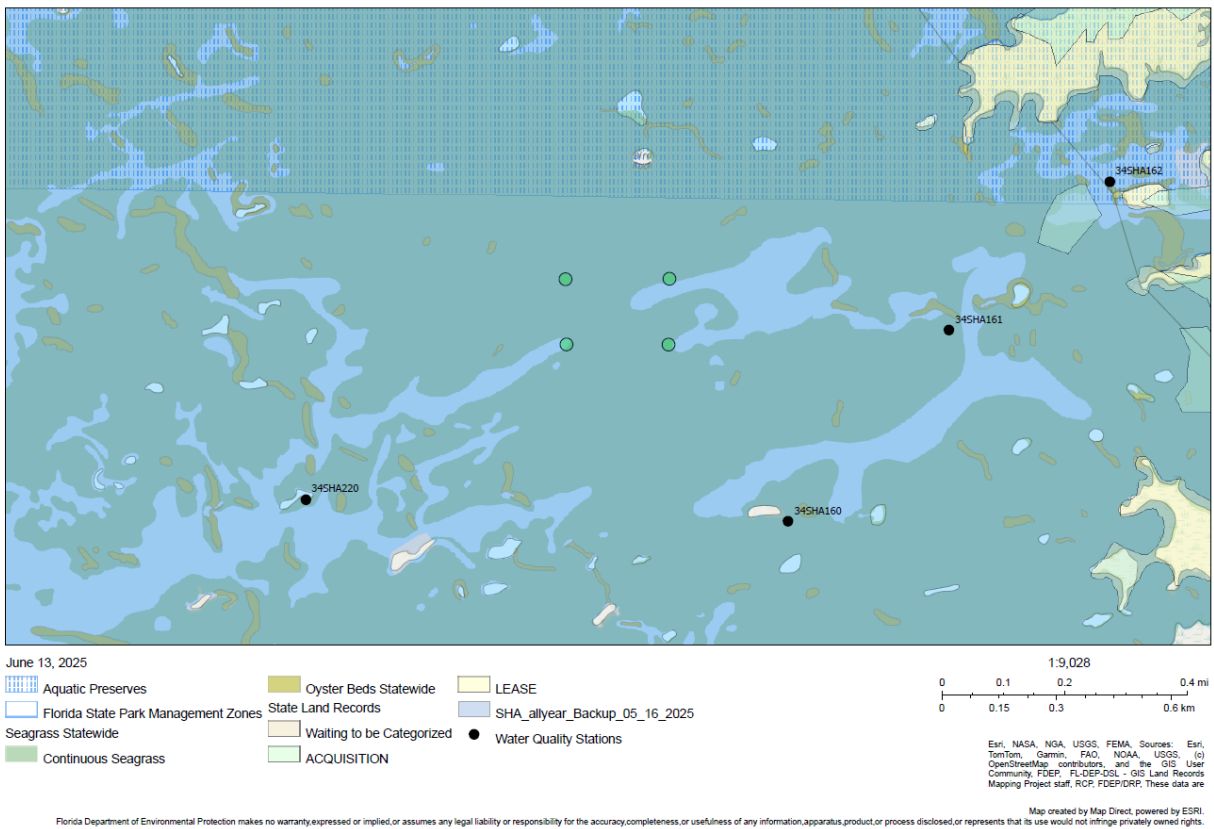


Figure 11. Five 2-acre parcels for Schleede et. al.

Schleede Parcel Development, Withlacoochee Bay

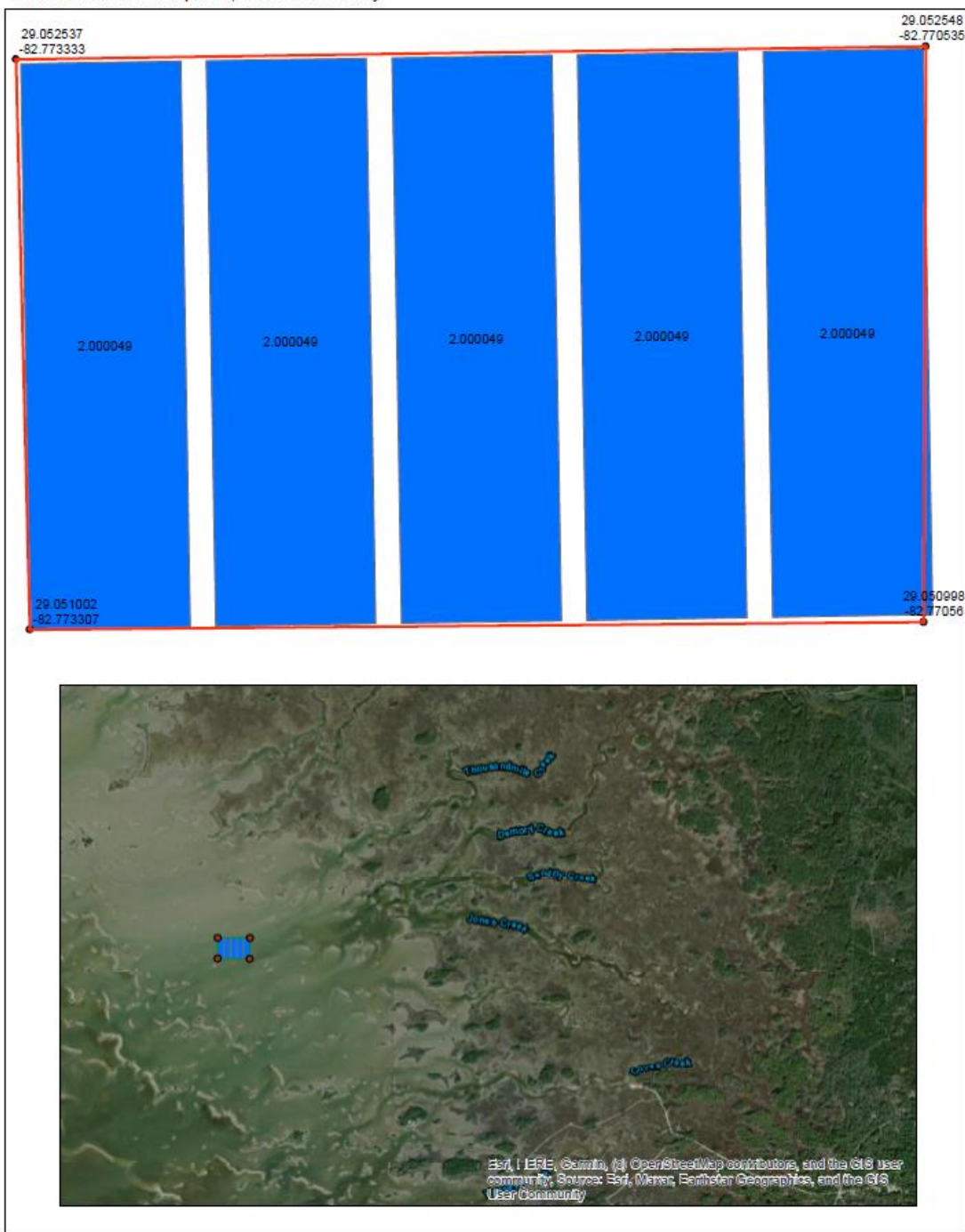


Figure 12. Assessment Sketch Stewart Site 1.

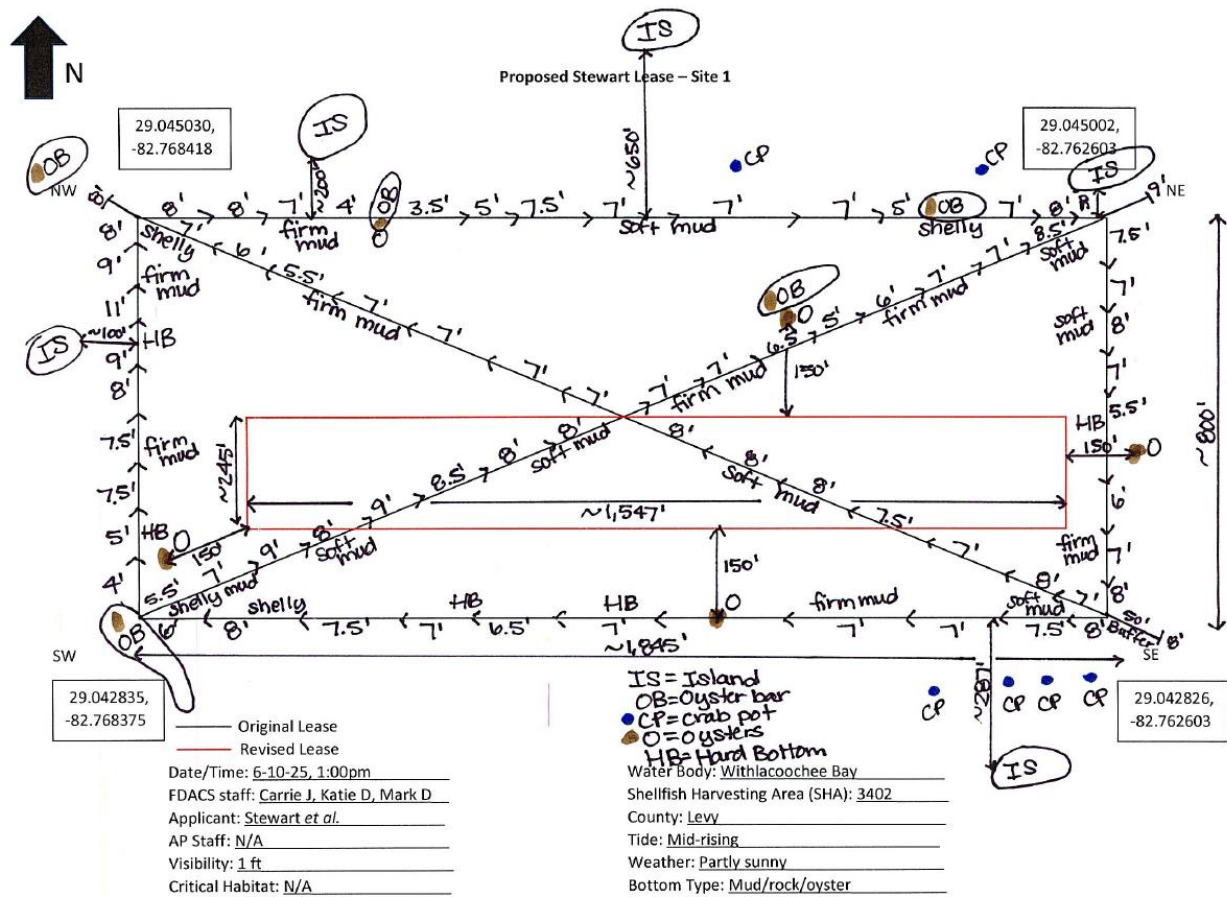


Figure 13. Assessment Sketch Stewart Site 2.



Figure 15. Stewart Site 2, 6-acre amended area with no resources.



Figure 16. Critical Habitat Amended Stewart Site 1.

Revised Proposed Stewart Lease - Site 1

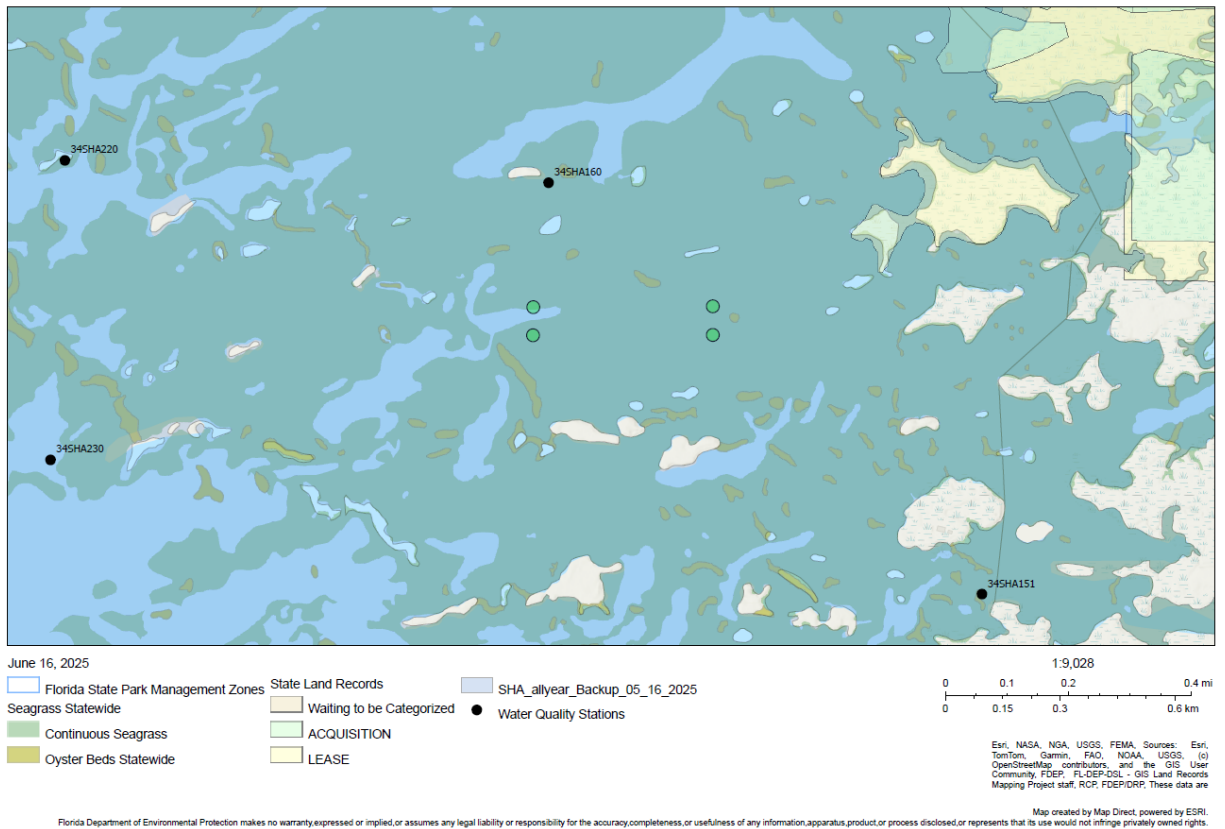


Figure 17. Critical Habitat Amended Stewart Site 2.

Revised Proposed Stewart Lease - Site 2

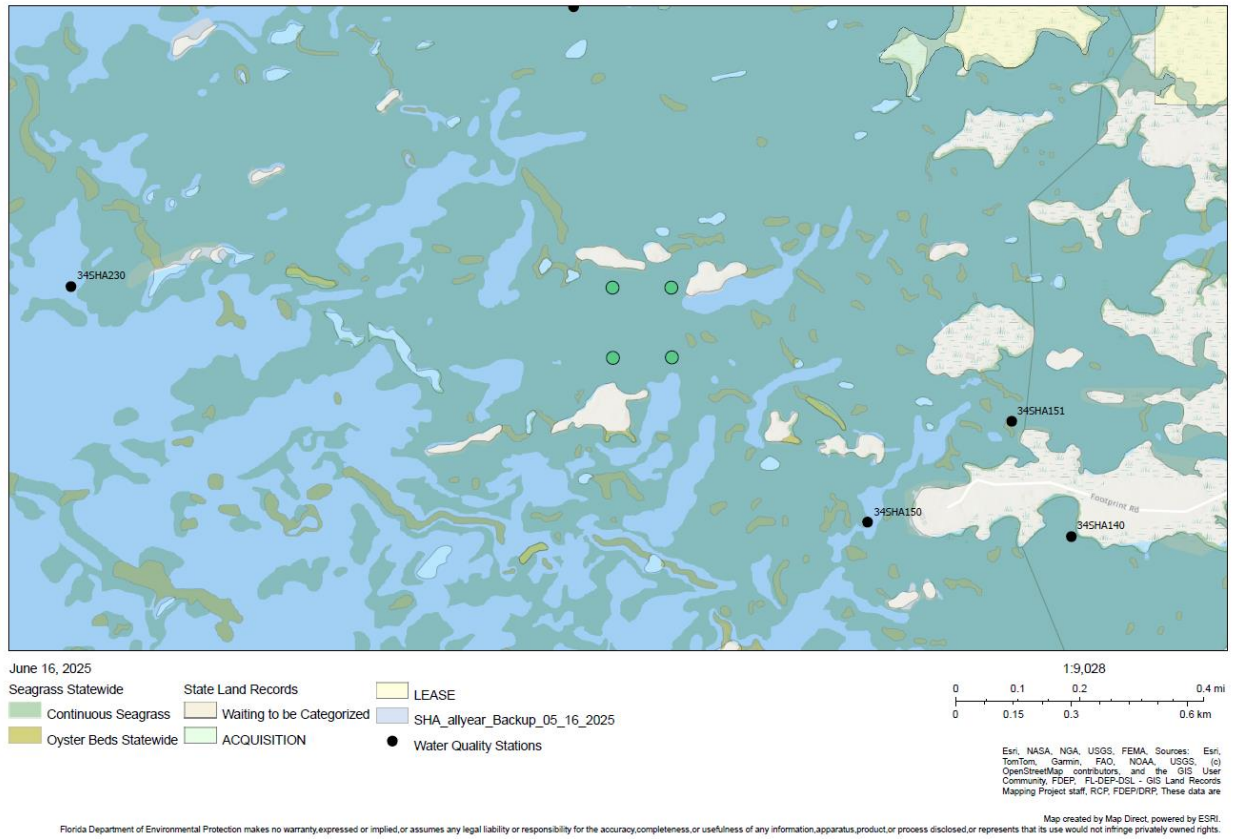


Figure 18. Shoreline looking East.

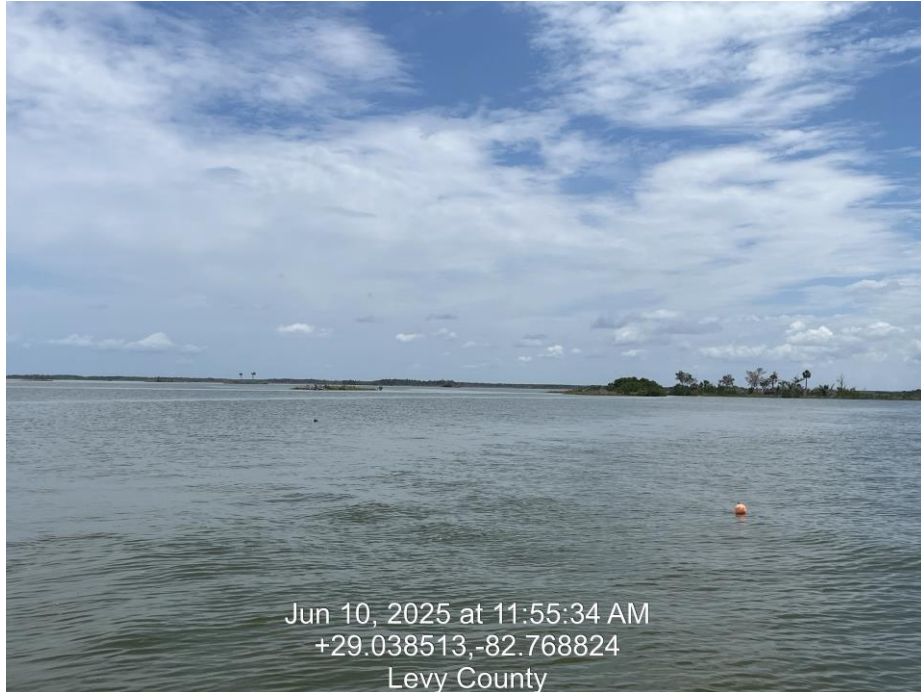


Figure 19. Shoreline looking North.

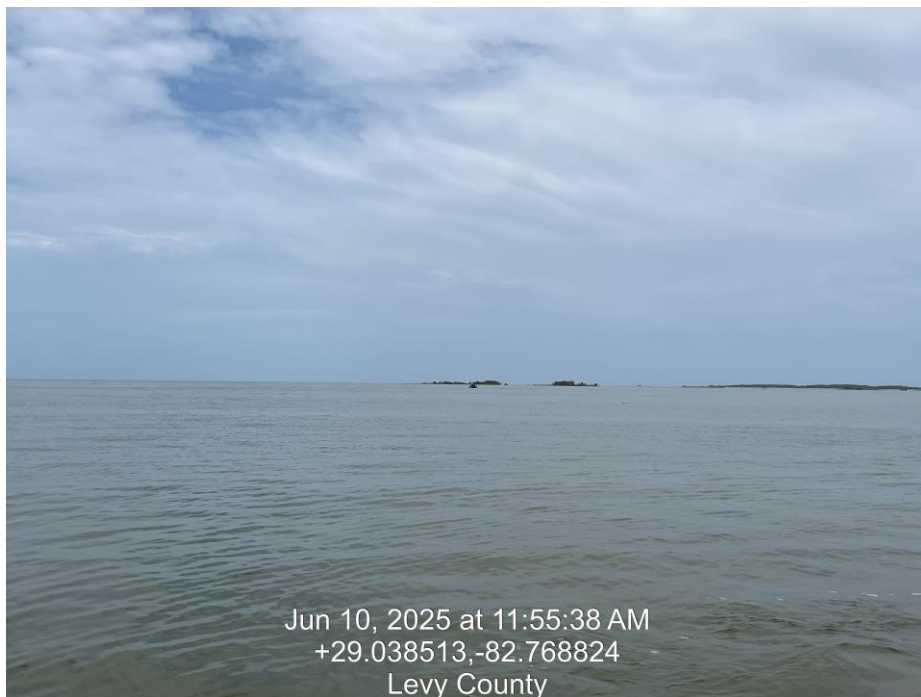


Figure 20. Four 2-acre parcels for Stewart Site.

Stewart Parcel Development, Withlacoochee Bay

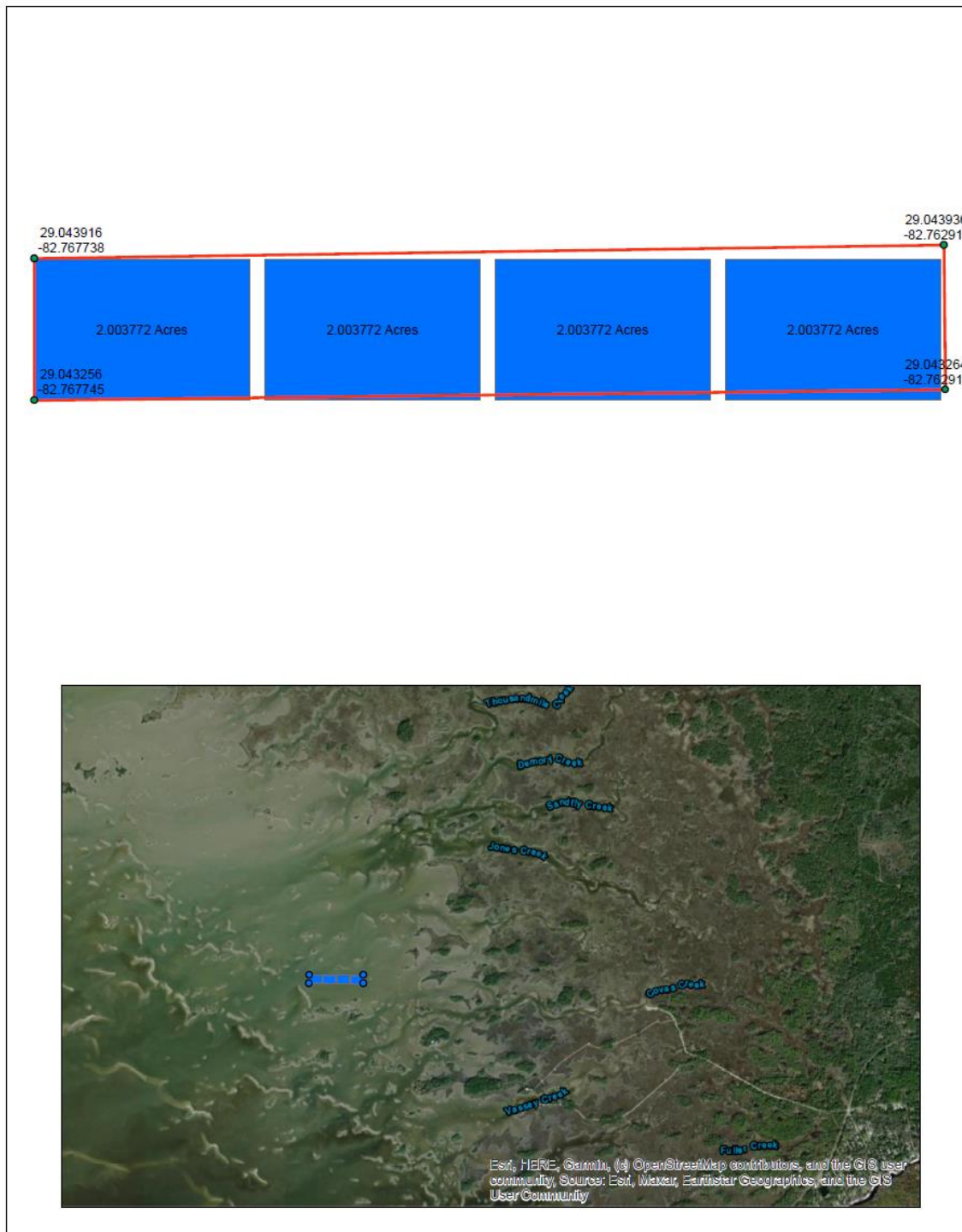


Figure 21. 6-acre amended parcel Stewart Site 2.



Figure 22. Assessment Sketch Donaldson.

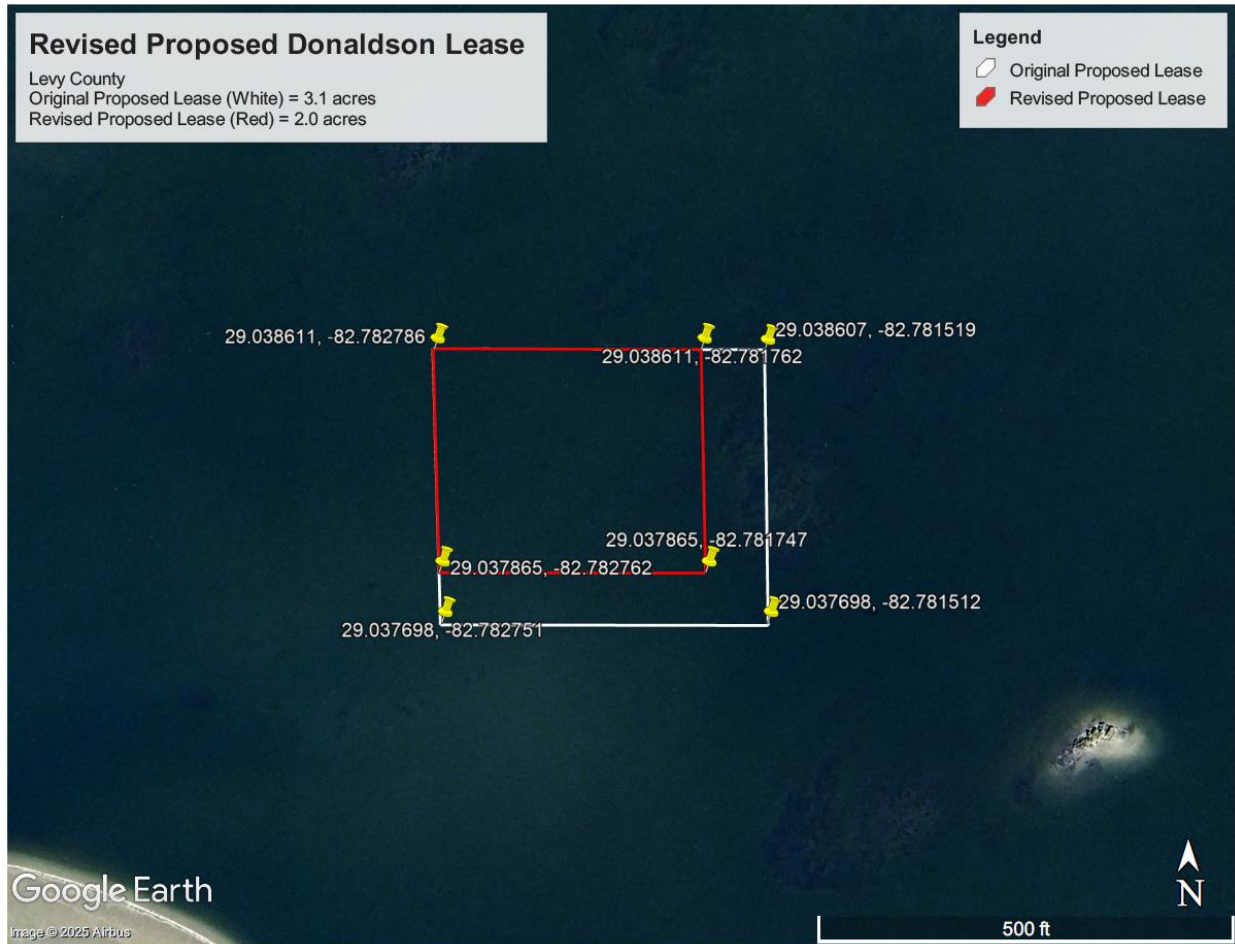


Figure 24. Critical Habitat Amended Donaldson Site.

Revised Proposed Donaldson Lease

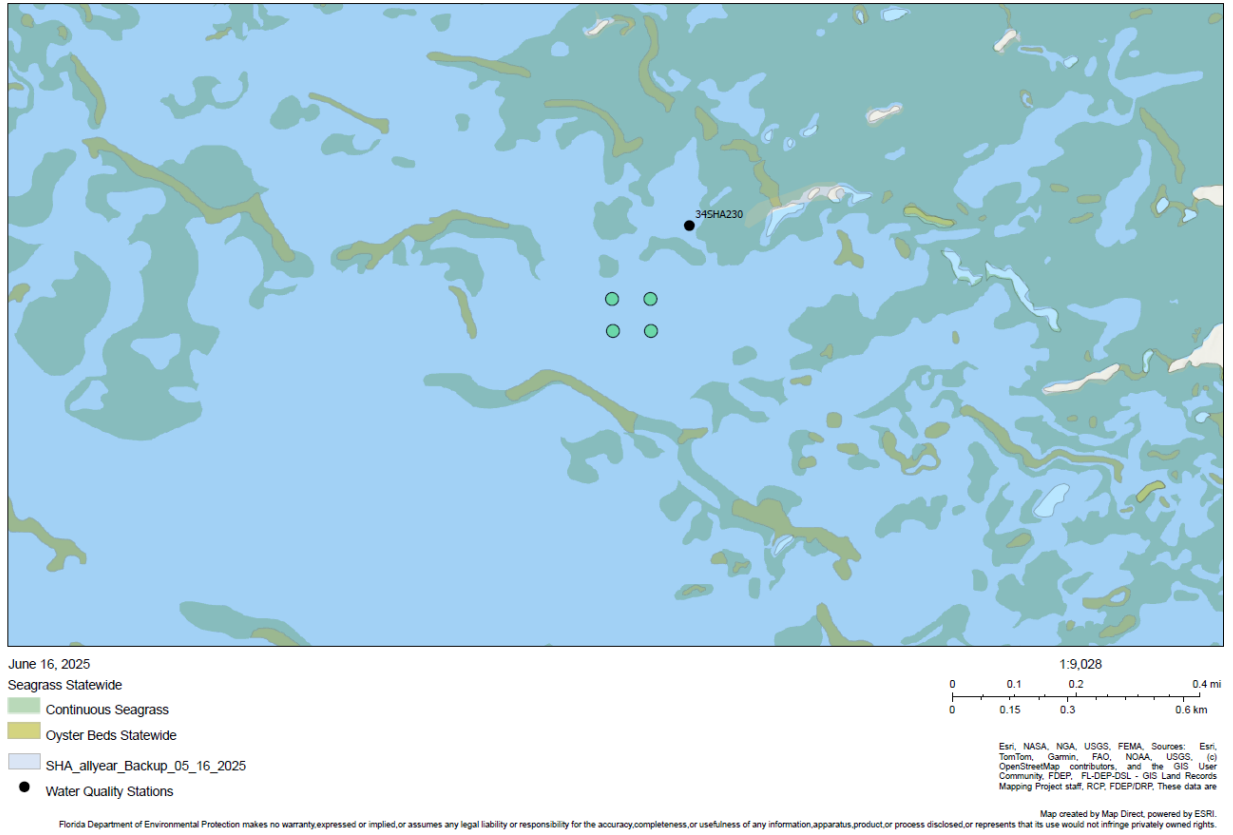
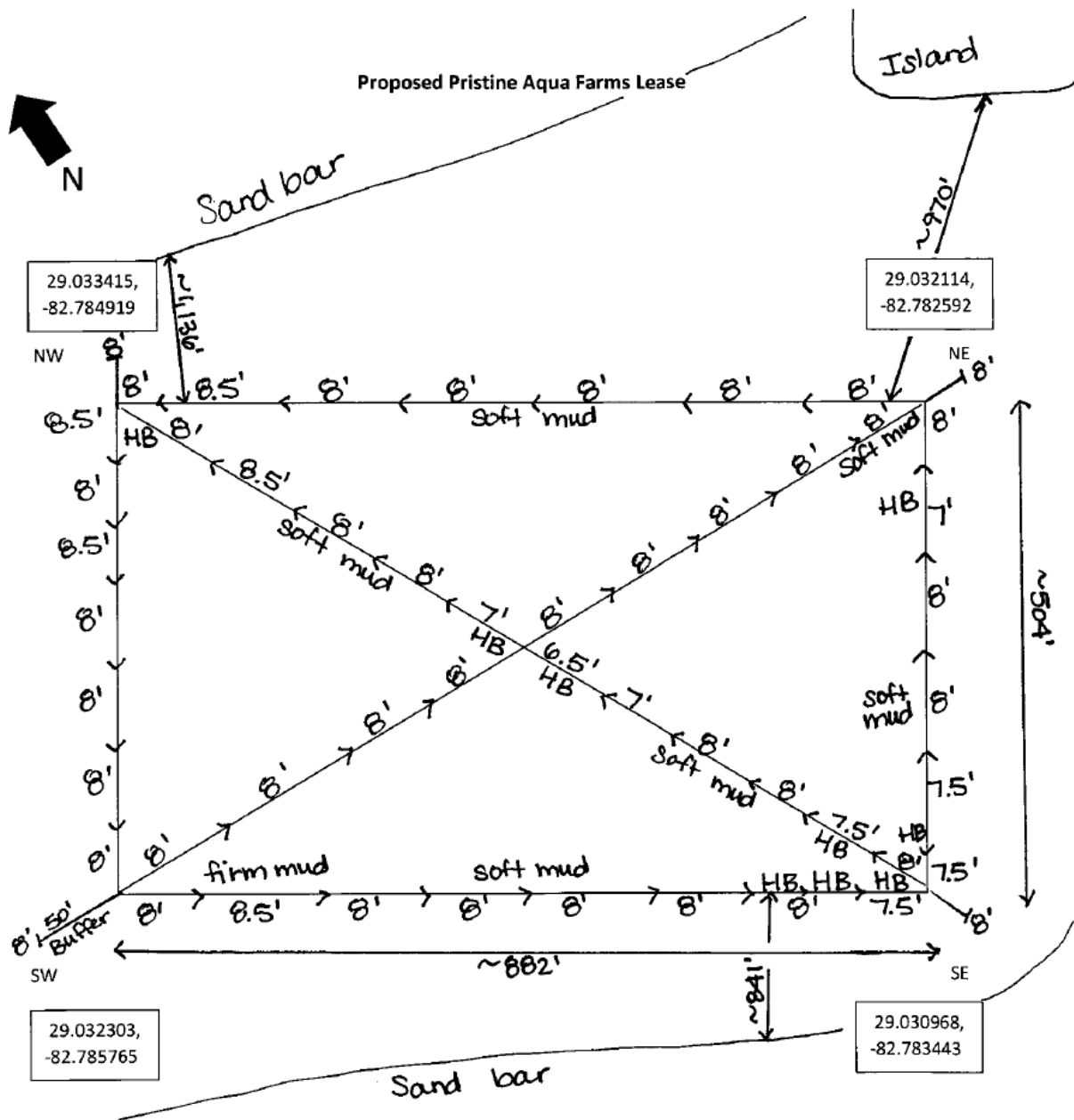


Figure 25. Open water surrounding Donaldson site.



Figure 26. Assessment Sketch Pristine Aqua Farms.



Date/Time: 6-10-25, 9:00am
 FDACS staff: Carrie J, Katie D, Mark D
 Applicant: Dean Tsoupeis
 AP Staff: N/A
 Visibility: 1 ft
 Critical Habitat: N/A

HB=Hard Bottom

Water Body: Withlacoochee Bay
 Shellfish Harvesting Area: 3402
 County: Levy
 Tide: Low, rising
 Weather: Partly sunny, windy
 Bottom Type: Mud, sand, rock

Figure 27. Pristine Aqua Farms Site 10-acre area.

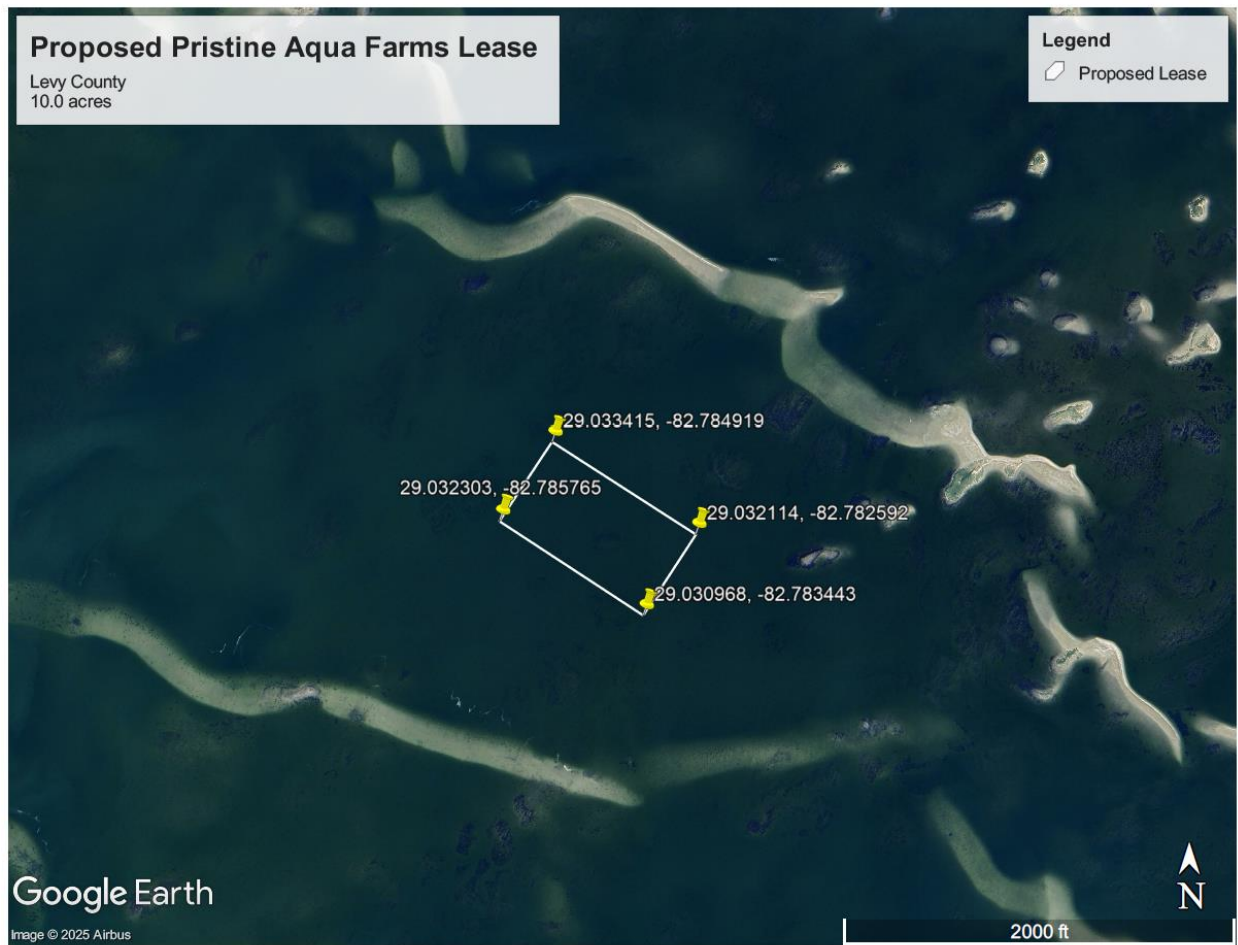


Figure 28. Critical Habitat Pristine Aqua Farm site.

Proposed Pristine Aqua Farms Lease

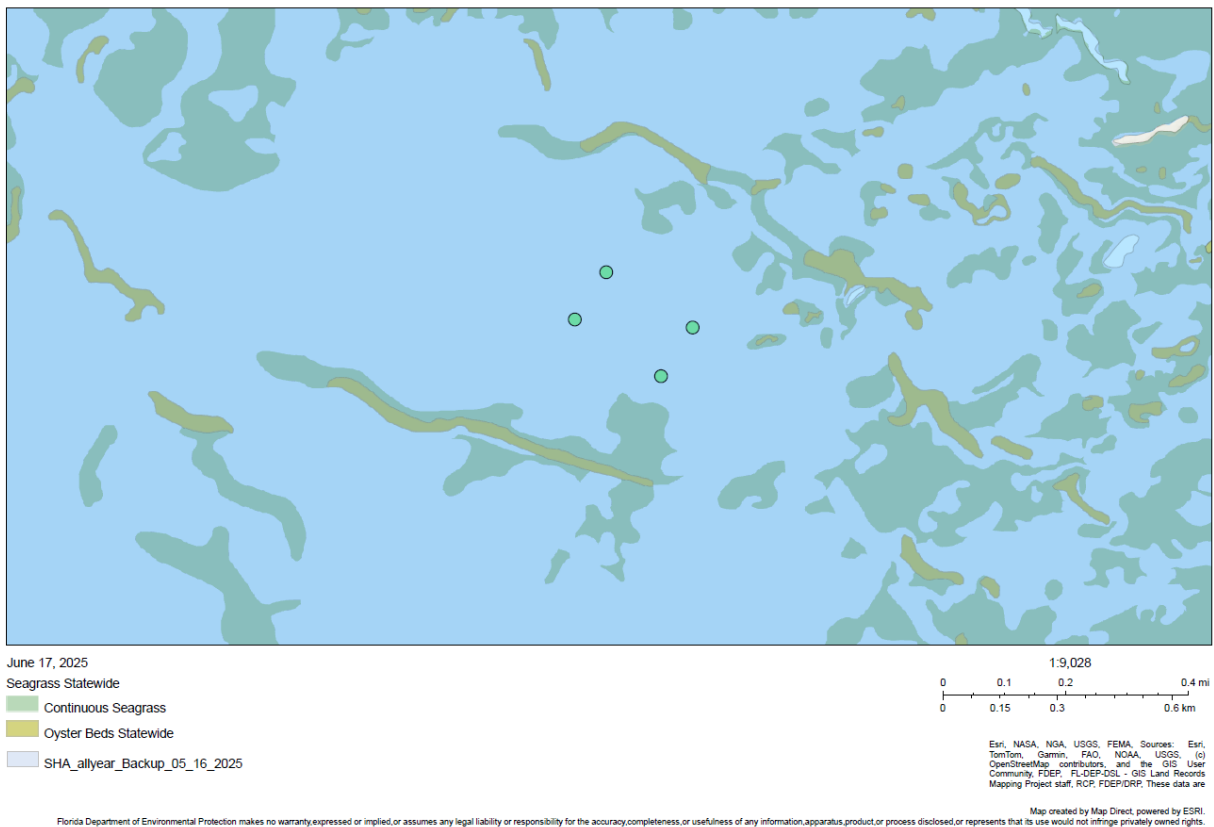


Figure 29. Open water surrounding Pristine Aqua Farm site.

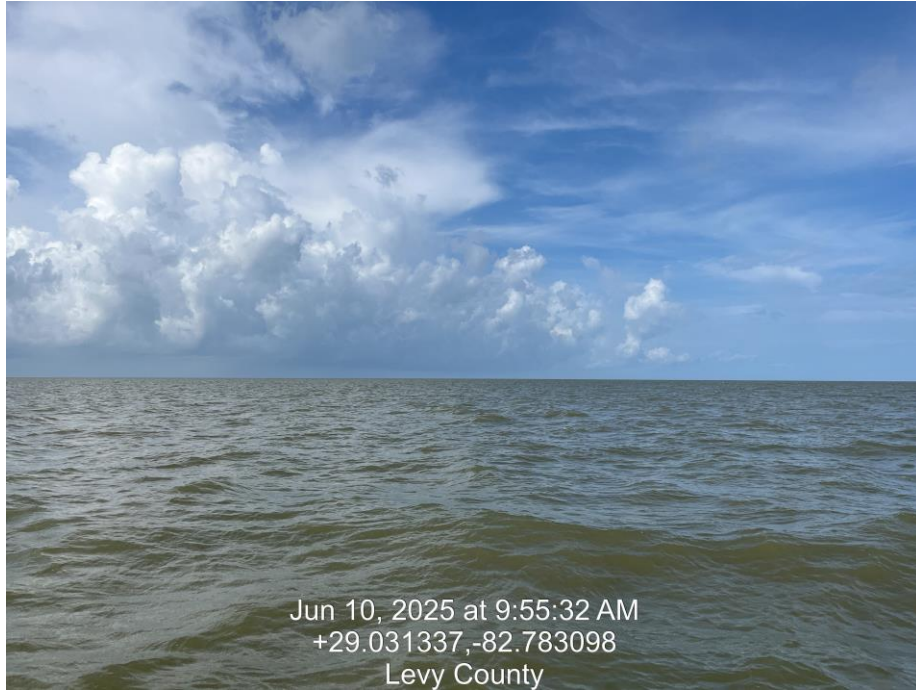


Figure 30. Amended sites for approval.





Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes -- Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Adam Schleede

Company Name: _____

Lease Title: _____

Aquaculture Certificate of Registration Number: 1545384

Address: 3012 SW CR 347

City: Cedar Key State: FL Zip: 32625

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

I certify that I am 18 years old or older (please initial): AS

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain): I have been a clam farmer 16yrs

PART II - Parcel/Site Information

☒ Bottom Lease (use of up to 6 inches off the bottom)

☐ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone 3402

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of
Agriculture & Consumer
Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County Levy
Water body Gulf of America
Size of Proposed Lease Area 68.9 acres
Shallowest water depth at mean low water 3 feet
Deepest water depth at mean low water 7 feet
Average tidal range in area 5 feet
Shellfish Harvesting Area (SHA) 3402
Do you own the riparian/upland property?
☐ Yes ☒ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Yankee Town Boat Ramp

Approx. distance to nearest shoreline 500 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29 050513</u>	<u>82 769754</u>
SE	<u>29 04678</u>	<u>82 769432</u>
NW	<u>29 050382</u>	<u>82 772071</u>
SW	<u>29 046499</u>	<u>82 771535</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- ☐ Legend with applicant name, county, water body and date.
- ☐ Label the dimensions of the proposed area.
- ☐ Include corner GPS coordinates in Decimal Degrees.
- ☐ Illustrate any natural resources adjacent to the proposed site.
- ☐ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Clean Sand & Mud

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Aquaculture_Web@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shell resources, navigation, recreation and commercial uses, etc.).

The substrate is clean sand with no seagrass. The proposed lease site is on the edge of an approved high density lease area

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

clam farming

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

no negative impact.

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

positive revenue flow: increases in jobs and money to the state

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

n/a

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial ☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

- ☒ Hard Clam (*Mercenaria* spp.)
☐ Sunray Venus Clam (*Macrocallista nimbosa*)
☐ Eastern Oyster (*Crassostrea virginica*)
☐ Live Rock
☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

Planting field nursery and grow out seed
Harvesting grow out seed for market sale

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1 Planting $\pm 200,000$ field nursery and transplanting to grow out
Year 2 Harvest grow out. Plant $\pm 200,000$ field nursery transplant grow out.
Year 3 Harvest grow out, plant $\pm 200,000$ nursery, transplant to grow out
Year 4 Harvest grow out, plant $\pm 250,000$ nursery seed, transplant to
Year 5 Harvest grow out seed, plant $\pm 250,000$ nursery seed, transpl
Year 6 Harvest grow out seed, plant $\pm 250,000$ nursery seed + transpla
Year 7 Harvest grow out seed, plant $\pm 300,000$ nursery seed + transpl
Year 8 Harvest grow out seed, plant $\pm 300,000$ nursery seed + transp
Year 9 Harvest grow out seed, plant $\pm 350,000$ nursery seed + transp
Year 10 Harvest grow out seed, plant $\pm 350,000$ nursery seed + transp

Describe the supply source of seed stock or rock products.

Seed source will be Sebastian Inlet Clams from
east coast of Florida ~~broodstock~~ State approved hatchery

Describe the distribution of the product after harvest.

Sell to Cedar Key Seafood Distributors to be
distributed nationwide.

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, weight, gauge, brand, etc.).

4' x 4' nylon mesh bags staked to the bottom
use 9" PVC $\frac{1}{2}$ " pipe.

A cross section diagram of the proposed area is required to be included in this application package. See Attachment guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
- ☒ Water depth at Mean High Water and Mean Low Water.
- ☒ Location and number of proposed gear and support poles.

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally all gear must be properly disposed following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and gear recovery plan to meet these requirements.

All gear used to plant will be bought ashore when transplanting and harvesting.

Additional Information

- ☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.
- ☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.
- ☒ I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.
- ☒ For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.
- ☒ For new site nominations, do not include the application fee at this time. However, upon review and approval of an application for a newly proposed area, the division will contact you for the required \$200 application fee.

For questions regarding this form or the application process, please call the (850) 617-7600.

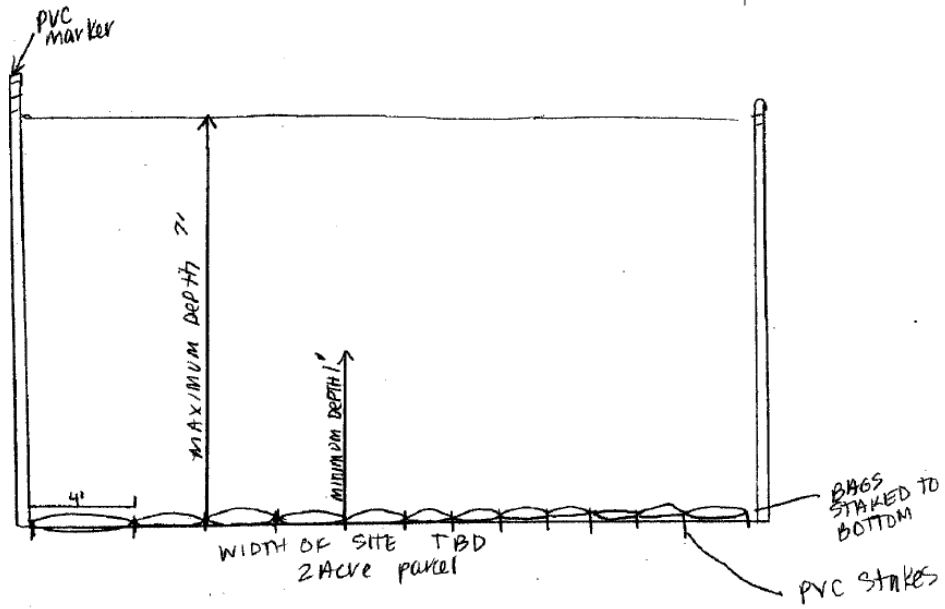
Applicant

Adrienne K. Kull

Date:

6/29/25

County/State: Levy Co, Florida
Waterbody: 340-2
date: 6/29/25







WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: David D W Colson

Company Name: David D W Colson

Lease Title: _____

Aquaculture Certificate of Registration Number: 1548170

Address: P.O. Box 236

City: Sumner State: FL Zip: 32692

Telephone Number: _____ Fax Number: _____

I certify that I am 18 years old or older (please initial): DC

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

PART II - Parcel/Site Information

☒ Bottom Lease (use of up to 6 inches off the bottom)

☐ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone 3402

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of
Agriculture & Consumer
Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County Levy
Water body Gulf of America
Size of Proposed Lease Area 68.8 acres
Shallowest water depth at mean low water 2 feet
Deepest water depth at mean low water 7 feet
Average tidal range in area 4 feet
Shellfish Harvesting Area (SHA) 3402
Do you own the riparian upland property?
☐ Yes ☒ No

If "yes" please attach a copy of the warranty deed and complete the following:
Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Yankee town
Approx. distance to nearest shoreline 500 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.055007</u>	<u>-82.769345</u>
SE	<u>29.050018</u>	<u>-82.772574</u>
NW	<u>29.055078</u>	<u>-82.776496</u>
SW	<u>29.049764</u>	<u>-82.772574</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

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- ☐ Include corner GPS coordinates in Decimal Degrees.
- ☐ Illustrate any natural resources adjacent to the proposed site.
- ☐ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

clean sand 3/4 Mud

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Aquaculture_Web@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shell resources, navigation, recreation and commercial uses, etc.).

The substrate is clean sand with no seagrass. The proposed lease site is on the edge of an approved high density lease area

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

clam farming

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

no negative impact.

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

positive revenue flow: increases in jobs and money to the state

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

n/a

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Proposed aquaculture activities are (check only one):

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☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

☒ Hard Clam (*Mercenaria* spp.)

☐ Sunray Venus Clam (*Macrocallista nimbosa*)

☐ Eastern Oyster (*Crassostrea virginica*)

☐ Live Rock

☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

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Harvesting grow out seed for market sale

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Year 2 Harvest grow out. Plant $\pm 200,000$ field nursery transplant grow out.
Year 3 Harvest grow out, plant $\pm 200,000$ nursery, transplant to grow out
Year 4 Harvest grow out, plant $\pm 250,000$ nursery seed, transplant to
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Year 10 Harvest grow out seed, plant $\pm 350,000$ nursery seed + transp

Describe the supply source of seed stock or rock products.

Seed source will be Sebastian Inlet Clams from
east coast of Florida ~~broodstock~~ State approved hatche

Describe the distribution of the product after harvest.

Sell to Cedar Key Seafood Distributors to be
distributed nationwide.

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, w gauge, brand, etc.).

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- ☒ Water depth at Mean High Water and Mean Low Water.
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Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally all gear must be properly disposed following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and gear recovery plan to meet these requirements.

All gear used to plant will be brought ashore when transplanting and harvesting.

Additional Information

- ☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.
- ☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.
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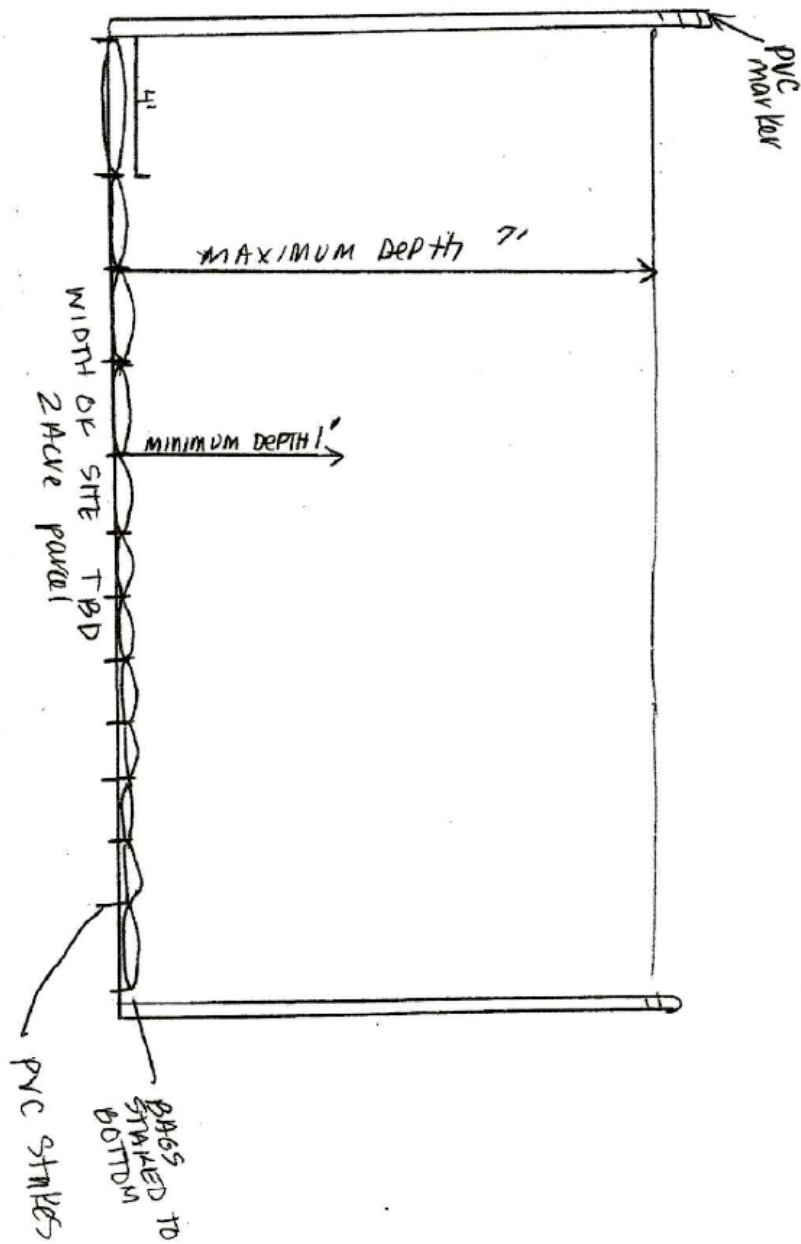
For questions regarding this form or the application process, please call the
(850) 617-7600.

Applicant

Date:

David W. Colson

6-29-25



county state: LEVY CO, FLORIDA
 parcel: 3402
 date: 6-29-25





WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Kevin Soderberg

Company Name: Fat Lipp Farms LLC

Lease Title: _____

Aquaculture Certificate of Registration Number: AG1548531

Address: 3825 Grant rd

City: Grant State: FL Zip: 32949

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

I certify that I am 18 years old or older (please initial): [Signature]

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

20+ years of nursery & grow out on both Coasts.

PART II- Parcel/Site Information

☒ Bottom Lease (use of up to 6 inches off the bottom)

☐ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone 3402

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of
Agriculture & Consumer
Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County Levy
Water body Gulf of America
Size of Proposed Lease Area 68.8 acres
Shallowest water depth at mean low water 3 feet
Deepest water depth at mean low water 7 feet
Average tidal range in area 4 feet
Shellfish Harvesting Area (SHA) 3402
Do you own the riparian upland property?
☐ Yes ☒ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Yankee town boat ramp

Approx. distance to nearest shoreline 500 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

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SE	<u>29.055618</u>	<u>-82.772574</u>
NW	<u>29.055078</u>	<u>82.776496</u>
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A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

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- ☐ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Attach

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Aquaculture_Web@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shell resources, navigation, recreation and commercial uses, etc.).

The substrate is clean sand with no seagrass. The proposed lease site is on the edge of an approved high density lease area

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

clam farming

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

no negative impact.

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

positive revenue flow, increases in jobs and money to the state

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

n/a

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial

☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

☒ Hard Clam (*Mercenaria* spp.)

☐ Sunray Venus Clam (*Macrocallista nimbosa*)

☐ Eastern Oyster (*Crassostrea virginica*)

☐ Live Rock

☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

Planting field nursery and grow out seed
Harvesting grow out seed for market sale

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year

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Describe the distribution of the product after harvest.

Sell to Cedar Key Seafood Distributors to be
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Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, w gauge, brand, etc.).

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Additional Information

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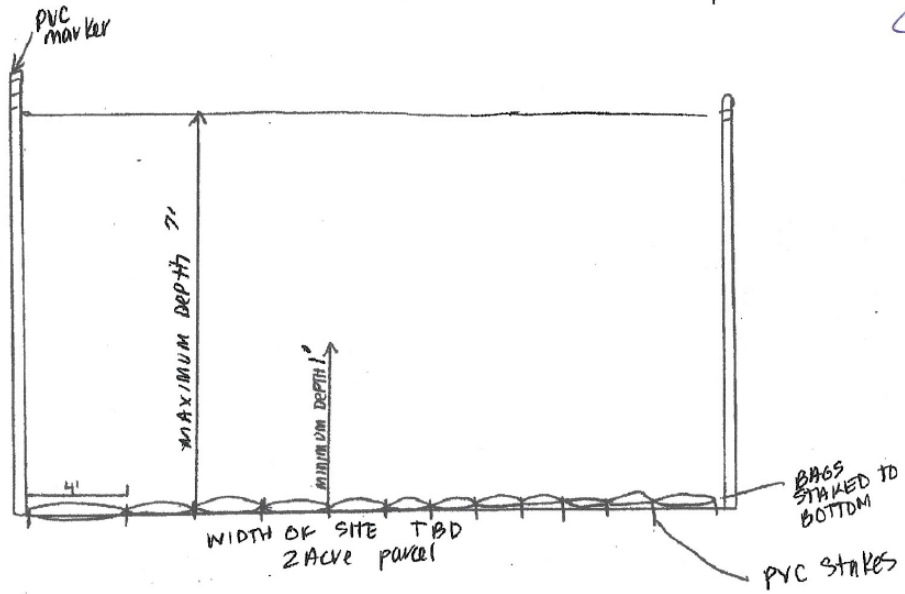
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For questions regarding this form or the application process, please call the
(850) 617-7600.

Applicant _____

Date: 6/29/25

County/State: LEVY CO, FLORIDA
Water body: 3402
date: 6/29/25







WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: JEFFREY SHLEED

Company Name: _____

Lease Title: _____

Aquaculture Certificate of Registration Number: 1548618

Address: P.O. Box 979

City: Cedar Key State: FL Zip: 32629

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

I certify that I am 18 years old or older (please initial): JS

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

PART II - Parcel/Site Information

- ☐ Bottom Lease (use of up to 6 inches off the bottom)
☐ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County LEVY

Aquaculture Use Zone 3402

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
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P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 4215030000
EO A2
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B. New Site (for newly proposed areas, complete section B)

County LEW

Water body _____

Size of Proposed Lease Area 68.8 acres

Shallowest water depth at mean low water 3 feet

Deepest water depth at mean low water 7 feet

Average tidal range in area 4 feet

Shellfish Harvesting Area (SHA) 3402

Do you own the riparian upland property?

☐ Yes ☒ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

YANKEETOWN

Approx. distance to nearest shoreline 500 feet

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- ☐ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Clean sand and mud

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
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or transmit via email to
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clam farming

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

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PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

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☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

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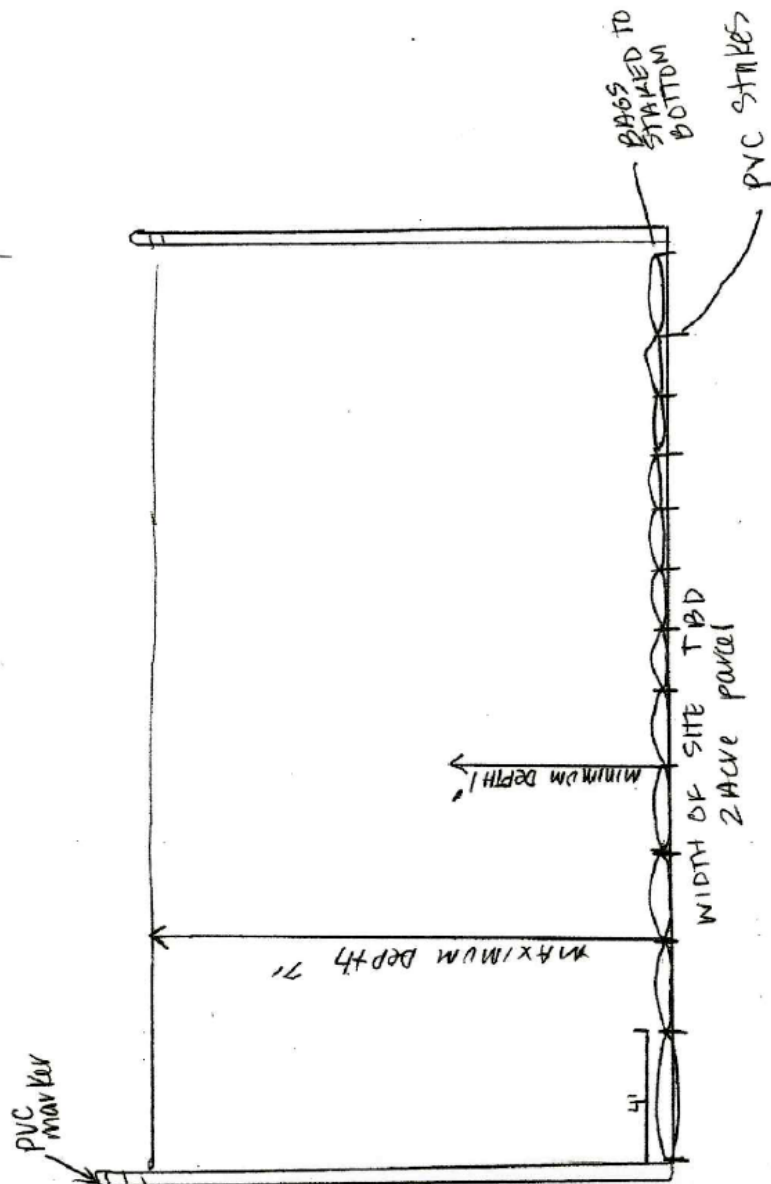
Applicant

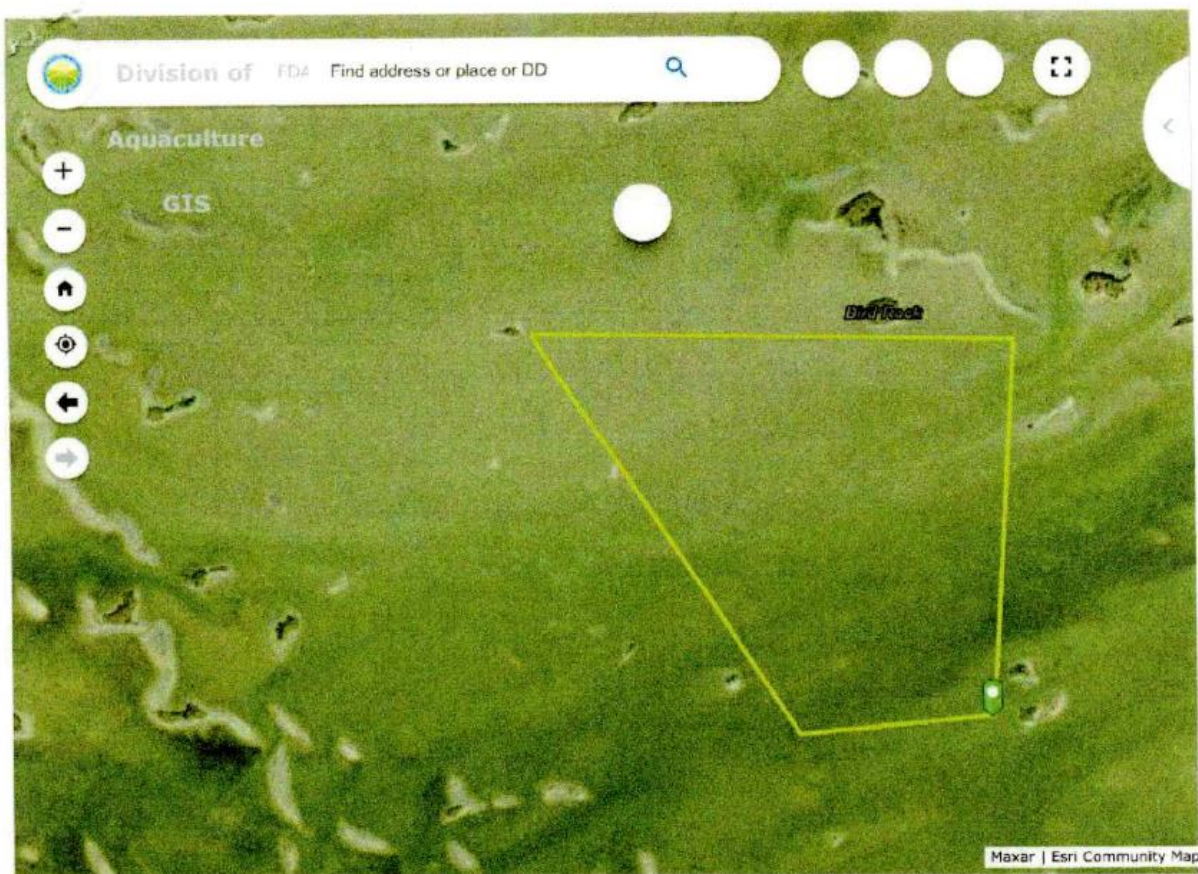
Date:

7/30/2025

[Signature]

County/State: Levy Co, Florida
Waterbody: 3402
Date: 6-26-2025







Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.89, Florida Statutes - Rule 19-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: John Schleerle

Company Name: Cedar Key Seafood Dist.

Lease Title: _____

Aquaculture Certificate of Registration Number: 1348282

Address: P.O. Box 979

City: Cedar Key State: FL Zip: 32625

I certify that I am 18 years old or older (please initial): JS

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

PART II - Parcel/Site Information

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☐ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

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County Lerry

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☐ Yes ☒ No

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Seed source will be Sebastian Inlet Clams from
east coast of Florida ~~broodstock~~ State approved hatche

Describe the distribution of the product after harvest.

Sell to Cedar Key Seafood Distributors to be
distributed nationwide.

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, w gauge, brand, etc.).

4' x 4' nylon mesh bags staked to the bottom
w/ 9" PVC $\frac{1}{2}$ " pipe.

A cross section diagram of the proposed area is required to be included in this application package. See Attachment guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
- ☒ Water depth at Mean High Water and Mean Low Water.
- ☒ Location and number of proposed gear and support poles.

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally all gear must be properly disposed following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and gear recovery plan to meet these requirements.

All gear used to plant will be bought ashore when transplanting and harvesting.

Additional Information

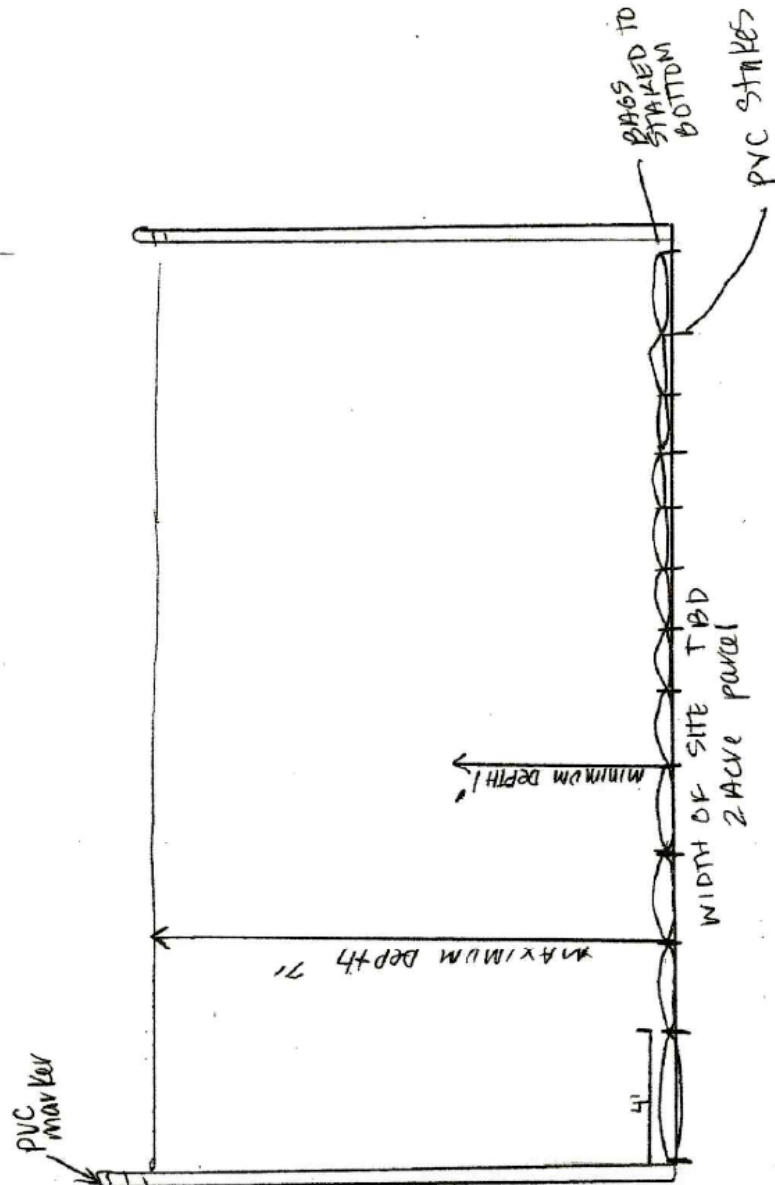
- ☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.
- ☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.
- ☒ I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.
- ☒ For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.
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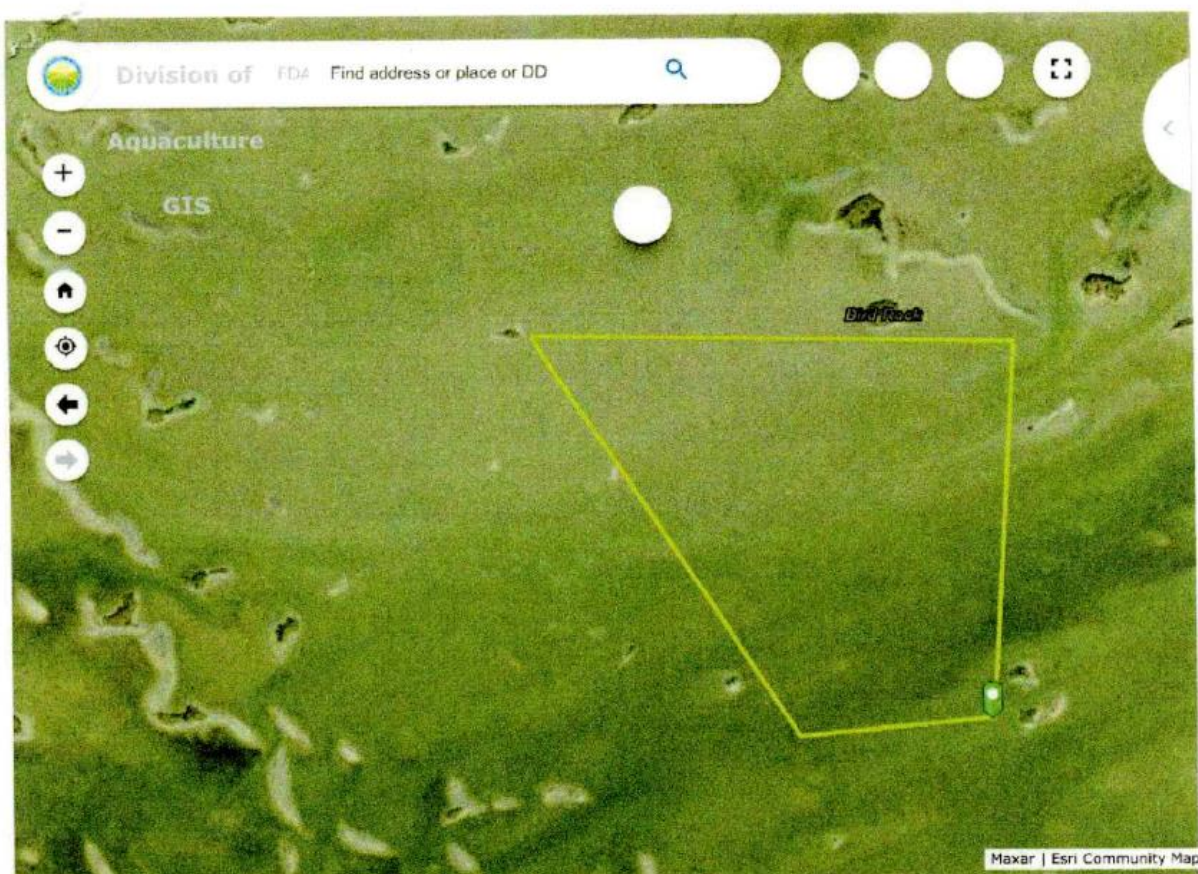
For questions regarding this form or the application process, please call the
(850) 617-7600.

Applicant

Date: 6-26-2025

County State: Levy Co, Florida
 Waterway: 3402
 Date: 6-26-2025







Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Michael Stewart

Company Name: _____

Lease Title: Michael Stewart

Aquaculture Certificate of Registration Number: _____

Address: 58 Diana St.

City: Inglis State: FL Zip: 34449

I certify that I am 18 years old or older (please initial): YES AS

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

Has Shellfish harvester training

PART II - Parcel/Site Information

☒ Bottom Lease (use of up to 6 inches off the bottom)

☐ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone _____

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of Agriculture & Consumer Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

B. New Site (for newly proposed areas, complete section B)

County Levy
Water body Withlacoochee Bay
Size of Proposed Lease Area 5 2 acres acres
Shallowest water depth at mean low water 3 feet
Deepest water depth at mean low water 6 feet
Average tidal range in area 2-3 feet
Shellfish Harvesting Area (SHA) Hard clam
Do you own the riparian upland property?
Yes No

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Portia.Sapp@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:
<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>
Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

If "yes" please attach a copy of the warranty deed and complete the following:
Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Hodges Island
Approx. distance to nearest shoreline 500 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.045002N</u>	<u>82.762603W</u>
SE	<u>29.042826N</u>	<u>82.76203W</u>
NW	<u>29.045030N</u>	<u>82.768418W</u>
SW	<u>29.042835N</u>	<u>82.768375W</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- Legend with applicant name, county, water body and date.
- Label the dimensions of the proposed area.
- Include corner GPS coordinates in Decimal Degrees.
- Illustrate any natural resources adjacent to the proposed site.
- Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Sandy / mud

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

No grade Recreation Boat Traffic Goal Bottom
Protection Behind Shoals.

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

NONE

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

NONE

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

To help Replenish The markets after
storms. and water clarity.

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

NONE

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial | ☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

☒ Hard Clam (*Mercenaria* spp.)
☐ Sunray Venus Clam (*Macrocallista nimbosa*)
☐ Eastern Oyster (*Crassostrea virginica*)
☐ Live Rock
☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

10 Bag Belts east to west

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting of 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1 2 Million Per Acre
Year 2 _____
Year 3 _____
Year 4 _____
Year 5 _____
Year 6 _____
Year 7 _____
Year 8 _____
Year 9 _____
Year 10 4 Million Per AC

Describe the supply source of seed stock or rock products.

Hatchery at Tippytoe LN
Yanketown F1 34498

Describe the distribution of the product after harvest.

Delivered TO HACCP Facility

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, wire gauge, brand, etc.).

Mesh Bag's

A cross-section diagram of the proposed area is required to be included in this application package. See Attachment 2 for guidance and as a minimum include the following items in the diagram:

- Legend with applicant name, county, water body and date
- List the dimensions of the proposed area with GPS coordinates in Decimal Degrees
- Water depth at Mean High Water and Mean Low Water
- Location and number of proposed gear and support poles

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally all gear must be properly disposed of following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and a gear recovery plan to meet these requirements.

PVC with
Reflective clay Base Required as Needed Orange

Additional Information:

I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.

I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 15-21.021(1)(b)&(c), Florida Administrative Code.

I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.

For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.

For new site nominations, do not include the application fee at this time. However, upon review and approval of an application for a newly proposed area, the division will contact you for the required \$200 application fee.

For questions regarding this form or the application process, please call the
Division of Aquaculture at (850) 607-7600.

Applicant's Signature: _____

Date: 2-27-25

Clam

name: Michael
Stewart

4X4 Bags
10-Bags Per Belt
2000' Per Acre

FDACS Buoy

PVC
FDACS
Buoy

N
W+E
S

W

CLAM BAGS
Running East
To West

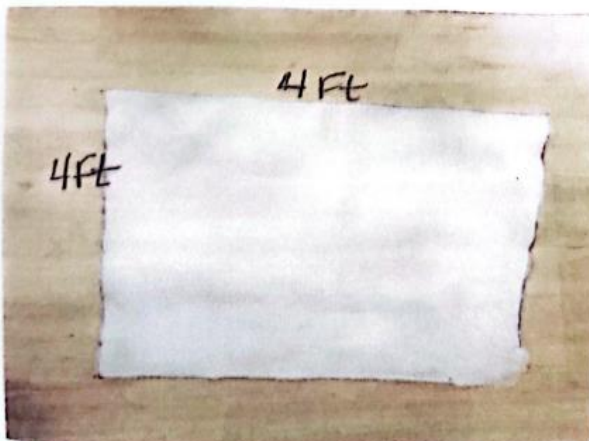
in Lines on
bottom

E

S

PVC Stake Holding Clam Bags Down

Dimensions 4x4ft



County: Levy
Waterbody: Gulf of
Mexico / Withlacoochee



WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Shawn Munson

Company Name: _____

Lease Title: Shawn Munson

Aquaculture Certificate of Registration Number: _____

Address: 1950 NW 19th Street

City: Crystal River State: FL Zip: 34428

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

I certify that I am 18 years old or older (please initial): STM

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

PART II - Parcel/Site Information

Bottom Lease (use of up to 6 inches off the bottom)

Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone _____

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of Agriculture & Consumer Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County Levy
Water body Withlacoochee Bay
Size of Proposed Lease Area 2 acres
Shallowest water depth at mean low water 3 feet
Deepest water depth at mean low water 6 feet
Average tidal range in area 2-3 feet
Shellfish Harvesting Area (SHA) Hard Clam
Do you own the riparian upland property?
☒ Yes ☐ No

If "yes" please attach a copy of the warranty deed and complete the following:
Linear feet of waterfront property: _____

Local zoning and specific use: Aquaculture

If "no" please describe the location of access to the proposed lease site.

Approx. distance to nearest shoreline 500 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.045002 N</u>	<u>82.762603 W</u>
SE	<u>29.042826 N</u>	<u>82.762030 W</u>
NW	<u>29.045030 N</u>	<u>82.768418 W</u>
SW	<u>29.042835 N</u>	<u>82.768375 W</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- ☐ Legend with applicant name, county, water body and date.
- ☐ Label the dimensions of the proposed area.
- ☐ Include corner GPS coordinates in Decimal Degrees.
- ☐ Illustrate any natural resources adjacent to the proposed site.
- ☐ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Sandy Mud

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Aquaculture_Web@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:
<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>
Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

No grass or recreation boat traffic.
Good bottom protected by shoals

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

None

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

None

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

Improve water quality and help the market
since the storms

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

None

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial

☐ Management Agreement

Product(s) to be cultivated:

(Please check all that apply)

☒ Hard Clam (*Mercenaria spp.*)

☐ Sunray Venus Clam (*Macrocallista nimbosa*)

☐ Eastern Oyster (*Crassostrea virginica*)

☐ Live Rock

☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

10 bag belts East to West

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting of 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1 2 million per acre
Year 2 _____
Year 3 _____
Year 4 _____
Year 5 _____
Year 6 _____
Year 7 _____
Year 8 _____
Year 9 _____
Year 10 4 million per acre

Describe the supply source of seed stock or rock products.

Hatchery at Tippiie Toe lane

Describe the distribution of the product after harvest.

Deliver to HACCP Facility

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, wire gauge, brand, etc.).

Mesh Bags

A cross section diagram of the proposed area is required to be included in this application package. See Attachment 2 for guidance and at a minimum include the following items in the diagram:

- ☐ Legend with applicant name, county, water body and date.
- ☐ Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
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PVC pipe w/ Red Reflective tape on each pole.
All gear to be worked and replaced as needed.

Additional Information

- ☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.
- ☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.
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Division of Aquaculture at (850) 617-7600.

Applicant's Signature: _____

Date: _____

4/12/25

Clam

name: Shawn
Munson

4X4 Bags
10-Bags Per Belt
2000.00 Per Acre

FDACS Buoy

PVC
FDACS
Buoy

N
W+E
S

W

CLAM BAGS
Running East
To West

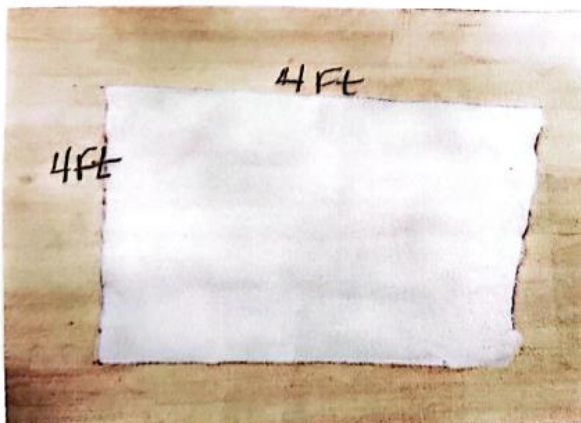
in Lines on
bottom

E

S

PVC stakes Holding Clam Bags Down

Dimensions 4x4ft



County: Levy
Waterbody: Gulf of Mexico / Withlacoochee



WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: ANDREW TATE.

Company Name: _____

Lease Title: ANDREW TATE.

Aquaculture Certificate of Registration Number: _____

Address: PO BOX 427

City: VAN KUY TOWN State: FL. Zip: 34498

I certify that I am 18 years old or older (please initial): AT

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

PART II - Parcel/Site Information

Bottom Lease (use of up to 6 inches off the bottom)

Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

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EO A2
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Deepest water depth at mean low water 6 feet
Average tidal range in area 2-3 feet
Shellfish Harvesting Area (SHA) Hard Clam

Do you own the riparian upland property?

☒ Yes

☐ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

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Sandy mud

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Attention: Portia Sapp
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Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

No grass or recreational boat traffic.
Good bottom, protected by shoals

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None

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improve water quality and help the market
since the storms

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Hatchery at Tippietoe lane

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deliver to HACCP facility

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Mesh Bags

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For questions regarding this form or the application process, please call the
Division of Aquaculture at (850) 617-7600.

Applicant's Signature: _____

Date: 2/27/25

Clam

name: Andrew Tate

4x4 Bags

10-Bags Per Belt

2000.00 Per Acre

FDACS Buoy

PVC
FDACS
Buoy

N
W+E
S

W

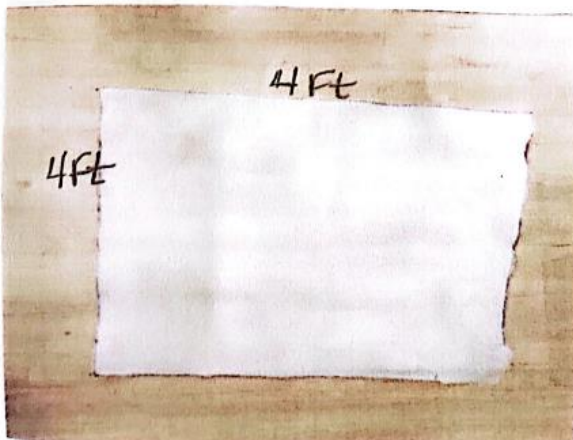
CLAM BAGS
Running East
To West

in Lines on
bottom

S

PVC Stakes Holding Clam Bags Down

Dimensions 4x4ft



County: Levy
Waterbody: Gulf of
Mexico / Withlacoochee



WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Stanley J. Roberts

Company Name: Gulf Aquaculture of America

Lease Title: Stanley Roberts

Aquaculture Certificate of Registration Number: _____

Address: 11670 SE 198th Pl.

City: Inglis State: FL Zip: 34449

I certify that I am 18 years old or older (please initial): YES ^{ASB}

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

Has shellfish harvester training

PART II - Parcel/Site Information

Bottom Lease (use of up to 6 inches off the bottom)

Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County _____

Aquaculture Use Zone _____

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of
Agriculture & Consumer
Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County LCVY
Water body Kanawha with Lacoochee Bay

Size of Proposed Lease Area 5 ² acres

Shallowest water depth at mean low water 3 ft. feet

Deepest water depth at mean low water 6 ft. feet

Average tidal range in area 2-3 feet

Shellfish Harvesting Area (SHA) Hard Clam

Do you own the riparian upland property?

Yes ☒ No ☐

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Hodges Island

Approx. distance to nearest shoreline 500 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

35 Ac

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.045002 N</u>	<u>82.762603 W</u>
SE	<u>29.042826 N</u>	<u>82.762603 W</u>
NW	<u>29.045030 N</u>	<u>82.768418 W</u>
SW	<u>29.042835 N</u>	<u>82.768375 W</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area.
- ☒ Include corner GPS coordinates in Decimal Degrees.
- ☒ Illustrate any natural resources adjacent to the proposed site.
- ☒ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Sandy mud

For newly proposed site, mail completed application to:
Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Portia.Sapp@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

Sandy bottom, tucked away behind Shoal Island for protection, good salinity and Algae content. No seagrass, no recreational boating.

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

None

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

None

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

It will help the environment and water clarity and replenish and restore the market after the devastating hurricane.

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

None

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial | ☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

☒ Hard Clam (*Mercenaria spp.*)
☐ Sunray Venus Clam (*Macrocallista nimbosa*)
☐ Eastern Oyster (*Crassostrea virginica*)
☐ Live Rock
☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

10 bags per belt running East and West

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting of 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1 1 million

Year 2

Year 3

Year 4

Year 5

Year 6

Year 7

Year 8

Year 9

Year 10 10 million

Describe the supply source of seed stock or rock products.

Hatchery located at Tippiie Toc Lane
Yankee town, FL 34498

Describe the distribution of the product after harvest.

Delivered to Cedar Key Seafood
HACCP Facility within 5 hrs. of harvest

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, wire gauge, brand, etc.).

mesh bags standard size

A cross section diagram of the proposed area is required to be included in this application package. See Attachment 2 for guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
- ☒ Water depth at Mean High Water and Mean Low Water.
- ☒ Location and number of proposed gear and support poles.

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally **all** gear must be properly disposed of following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and a gear recovery plan to meet these requirements.

PVC markers with yellow
re-flective markers on each pole, all bags
will be replaced at each harvest.

Additional Information

☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.

☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.

☒ I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.

☒ For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.

For new site nominations, do not include the application fee at this time. However, upon review and approval of an application for a newly proposed area, the division will contact you for the required \$200 application fee.

For questions regarding this form or the application process, please call the
Division of Aquaculture at (850) 617-7600.

Applicant's Signature: Stanley J. Boland

Date: 2-27-25

Clam

name: Stanley Roberts

4x4 Bags
10-Bags Per Belt
2000⁰⁰ Per Acre

PVC
FDACS
Buoy

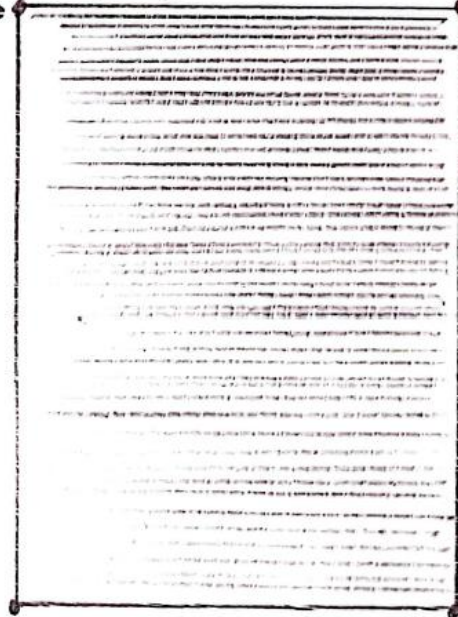
N
W+E
S

W

CLAM BAGS
Running East
To West

in Lines on
bottom

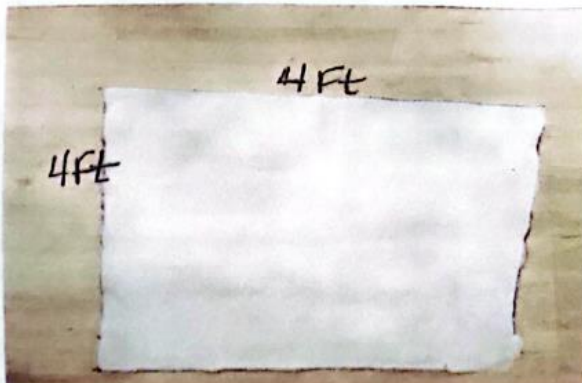
FDACS Buoy



S

PVC Stake & Holding Clam Bags Down

Dimensions 4x4ft



County: Levy
Waterbody: Gulf of Mexico / Withlacoochee



WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Michael Stewart

Company Name: N/A

Lease Title: Michael Stewart

Aquaculture Certificate of Registration Number: _____

Address: 58 Diana St.

City: Inglis State: FL Zip: 34498

I certify that I am 18 years old or older (please initial): YES ^{MS}

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

Has shellfish harvester training

PART II - Parcel/Site Information

~~Bottom Lease~~ (use of up to 6 inches off the bottom)

Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone _____

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of Agriculture & Consumer Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

B. New Site (for newly proposed areas, complete section B)

County Levy

Water body Gulithlacoochee Bay

Size of Proposed Lease Area 10 ⁶ acres

Shallowest water depth at mean low water 3 feet

Deepest water depth at mean low water 6 feet

Average tidal range in area 2-3 feet

Shellfish Harvesting Area (SHA) Oysters

Do you own the riparian upland property?

☒ Yes ☐ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Hedges Island

Approx. distance to nearest shoreline 500 feet 19 AC

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.040274 N</u>	<u>82.764557 W</u>
SE	<u>29.038651 N</u>	<u>82.764568 W</u>
NW	<u>29.040292 N</u>	<u>82.768838 W</u>
SW	<u>29.038632 N</u>	<u>82.765458 W</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- Legend with applicant name, county, water body and date.
- Label the dimensions of the proposed area.
- Include corner GPS coordinates in Decimal Degrees.
- Illustrate any natural resources adjacent to the proposed site.
- Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Sandy Rock Bottom No grass

For newly proposed site, mail completed application to:

Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Portia.Sapp@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

Behind Shoals

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

None

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

None

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

To Fill A Void In The FL Oyster Markets
and improve coastal water quality.

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

None

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial | ☐ Experimental

Product(s) to be cultivated:

(Please check all that apply)

- ☐ Hard Clam (*Mercenaria* spp.)
☐ Surfray Venus Clam (*Macrocallista nimbosa*)
☒ Eastern Oyster (*Crassostrea virginica*)
☐ Live Rock
☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

Plant 14mm size oyster seed in Bottom cages.
and grow out to Market size

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting of 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1 2-4
Year 2 _____
Year 3 _____
Year 4 _____
Year 5 _____
Year 6 _____
Year 7 _____
Year 8 _____
Year 9 _____
Year 10 10 Million

Describe the supply source of seed stock or rock products.

Hatchery at Hodges Island

Describe the distribution of the product after harvest.

Deliver to HACCP Facility

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, wire gauge, brand, etc.).

Go Deep Bottom cages

A cross section diagram of the proposed area is required to be included in this application package. See Attachment 2 for guidance and at a minimum include the following items in the diagram:

- Legend with applicant name, county, water body and date.
- Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
- Water depth at Mean High Water and Mean Low Water.
- Location and number of proposed gear and support poles.

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally all gear must be properly disposed of following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and a gear recovery plan to meet these requirements.

PVC Pipe with orange Reflective Tape
on each pole, all gear will be marked and Replaced
as needed.

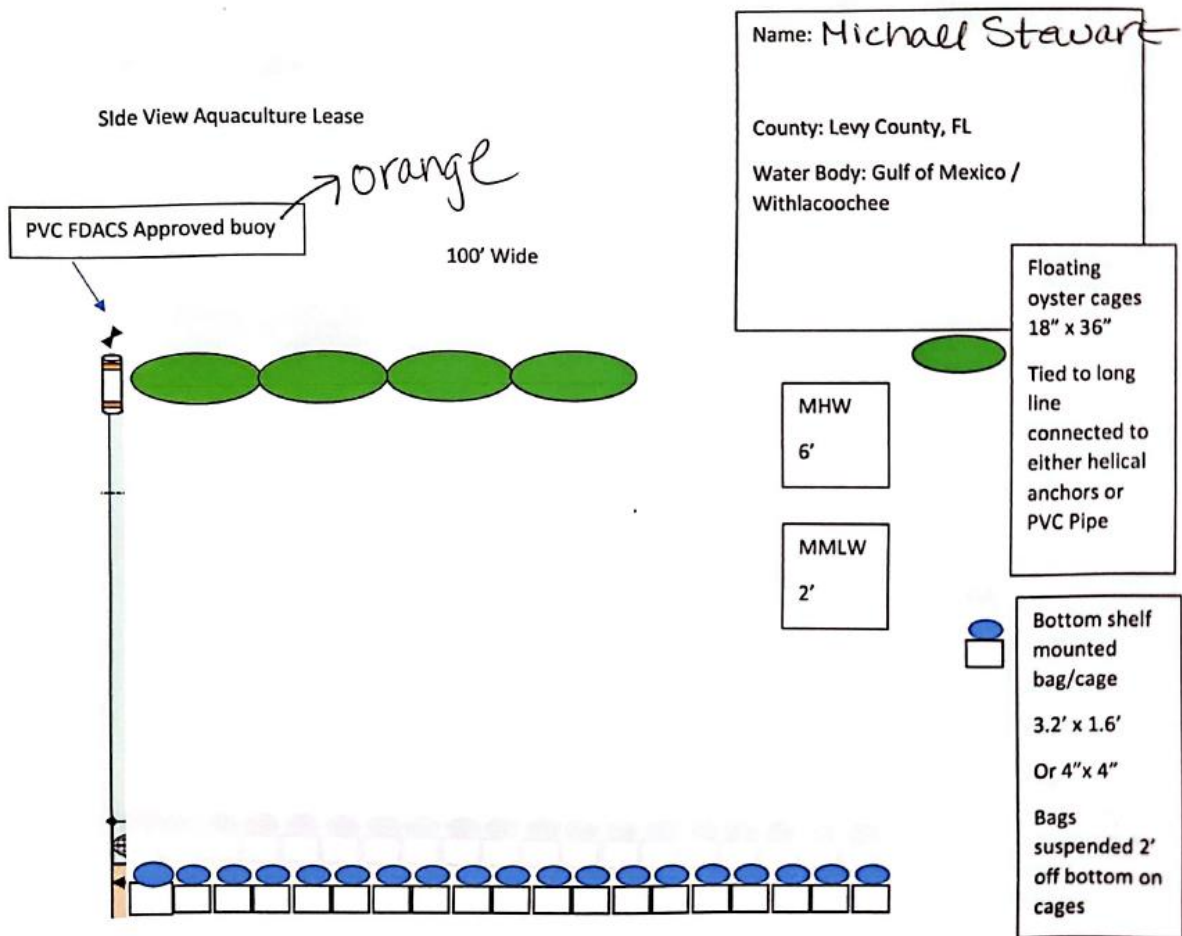
Additional Information

- ☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.
- ☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.
- ☒ I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.
- ☒ For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.
- ☒ For new site nominations, do not include the application fee at this time. However, upon review and approval of an application for a newly proposed area, the division will contact you for the required \$200 application fee.

For questions regarding this form or the application process, please call the
Division of Aquaculture at (850) 617-7600.

Applicant's Signature: Michael Stewart

Date: 2-27-25



Cages width will be approximately 60 units wide with 40 units deep. 3' in between each row for maintenance

Oyster

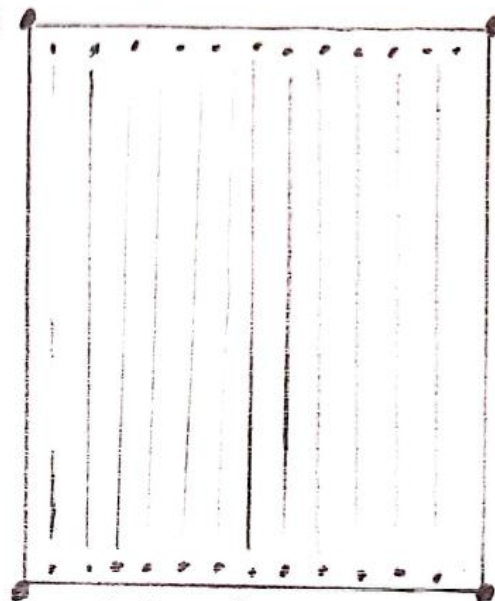
Name: Michael
Stewart

Dimensions 48 inch x 36 inch

1000 Bottom cages

up to 4000 cages

FDACS Buoy



Bottom cages on
Long lines

PVC FDACS

Buoy



Bottom cages

48 in x 36 in 4 FT x 4 FT



Anchor
Bottom anchor

Long line



County: Levy
Waterbody:
Gulf of Mexico /
Withlacoochee



Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.69, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Roger Donaldson

Company Name: -----N/A-----

Lease Title: Roger Donaldson

Aquaculture Certificate of Registration Number: _____

Address: 2291 Gulf To Bay Blvd. Lot 147

City: Clearwater State: FL Zip: 33765

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

I certify that I am 18 years old or older (please initial): RD

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain). I have completed the Aquaculture BMP Manual understanding its contents and purpose. I have completed the Shellfish Harvester Training Course. (cert. attached) I have completed the extensive Gulf Coast Grown Oyster Culture Certification by Leslie Sturmer. (cert. attached) I have viewed many course videos about ploidy, anatomy, and the life cycle of the oyster. I have viewed many course videos explaining the hatchery to grow-out process. I have viewed many course videos explaining the type of gear, mesh baskets types, mesh sizes, and long-line anchoring techniques for floating baskets. I am educated on the funds needed to start a 70,000 seed farm.

PART II - Parcel/Site Information

☐ Bottom Lease (use of up to 6 inches off the bottom)

☒ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County Levy

Aquaculture Use Zone 34

Parcel # Alternate 2ac. site Alternate Parcel # Alternate 2ac. site

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of
Agriculture & Consumer
Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County Levy

Water body Big Bend Gulf

Size of Proposed Lease Area 2 acres

Shallowest water depth at mean low water 5 feet

Deepest water depth at mean low water 7 feet

Average tidal range in area 2 feet

Shellfish Harvesting Area (SHA) 34

Do you own the riparian upland property?

☐ Yes ☒ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

Approx. distance to nearest shoreline _____ feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.038611</u>	<u>82.781762</u>
SE	<u>29.037865</u>	<u>82.781747</u>
NW	<u>29.038611</u>	<u>82.782786</u>
SW	<u>29.037865</u>	<u>82.782762</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area.
- ☒ Include corner GPS coordinates in Decimal Degrees.
- ☒ Illustrate any natural resources adjacent to the proposed site.
- ☒ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

Equal mix of sand, silt, mud.

For newly proposed site, mail completed application to:

Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Aquaculture_Web@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

Ideal inter-tidal area for floating or suspended long-line mesh bags.

Remote location for minimal impact.

Close proximity to seed and processors.

Eastern Oysters appear to proliferate in the area.

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

Oyster Farming

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

Small farm with minimal impacts.

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

I believe introducing oyster farming and aquaculture, in general, could help benefit the job growth and economy in the Town of Yankeetown.

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

In the coming years, after initial floating long-line mesh bag testing, possible consideration for expansion into suspended mesh bags or lantern nets.

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial

☐ Management Agreement

Product(s) to be cultivated:

(Please check all that apply)

☐ Hard Clam (*Mercenaria spp.*)

☐ Sunray Venus Clam (*Macrocallista nimbosa*)

☒ Eastern Oyster (*Crassostrea virginica*)

☐ Live Rock

☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

Combination of seed purchase and spat collecting for initial grow-out testing after approval. Small farm initially consisting of approximately 450 floating mesh bags capable of producing 70,000 single Oysters annually.

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting of 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1	<u>120,000 planted / 50,000 harvested</u>
Year 2	<u>100,000 planted / 60,000 harvested</u>
Year 3	<u>100,000 planted / 70,000 harvested</u>
Year 4	<u>100,000 planted / 70,000 harvested</u>
Year 5	<u>100,000 planted / 70,000 harvested</u>
Year 6	<u>120,000 planted / 90,000 harvested</u>
Year 7	<u>120,000 planted / 90,000 harvested</u>
Year 8	<u>120,000 planted / 100,000 harvested</u>
Year 9	<u>150,000 planted / 120,000 harvested</u>
Year 10	<u>150,000 planted / 130,000 harvested</u>

Describe the supply source of seed stock or rock products.

Combination of seed purchase from local seed suppliers in Cedar Key and/or Yankeetown, and spat collection from the immediate vicinity of the farm.

Describe the distribution of the product after harvest.

Immediate distribution to local processors in Cedar Key and/or Yankeetown.

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, wire gauge, brand, etc.).

**Floating mesh bags maximum (48" x 36" x 12")
HDPE LLDPE mesh bags
10 ga. 304L Stainless Steel Cable
Zapco brand or equivalent**

A cross section diagram of the proposed area is required to be included in this application package. See Attachment 2 for guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
- ☒ Water depth at Mean High Water and Mean Low Water.
- ☒ Location and number of proposed gear and support poles.

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally **all** gear must be properly disposed of following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and a gear recovery plan to meet these requirements.

Corner Markers: 1) A 6-inch or greater diameter pole with a sign in minimum of 3-feet above mean high water. 2) A 3-foot x 3-foot, yellow diamond sign (1/2-inch medium density plywood or 1/8-inch commercial grade aluminum) with 2-inch yellow reflective border. 3) A 12-inch black block letter specified in your lease agreement. 4) Corner direction (i.e. NE, NW, SE, SW) and lease or parcel number (e.g., L-123). 5) A flashing yellow marine lantern for water column leases.

Buoys: Buoys will be maintained upright at a minimum height of 14-inches above mean high water mark and also contain the corner direction (NE, NW, SE, SW). and lease or parcel number (e.g., L-123) in 1-inch black block characters. Gear tags will be approved by the University of Florida and shall contain: My name, my AQ Number, my phone number and my email address.

☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.

☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.

☒ I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.

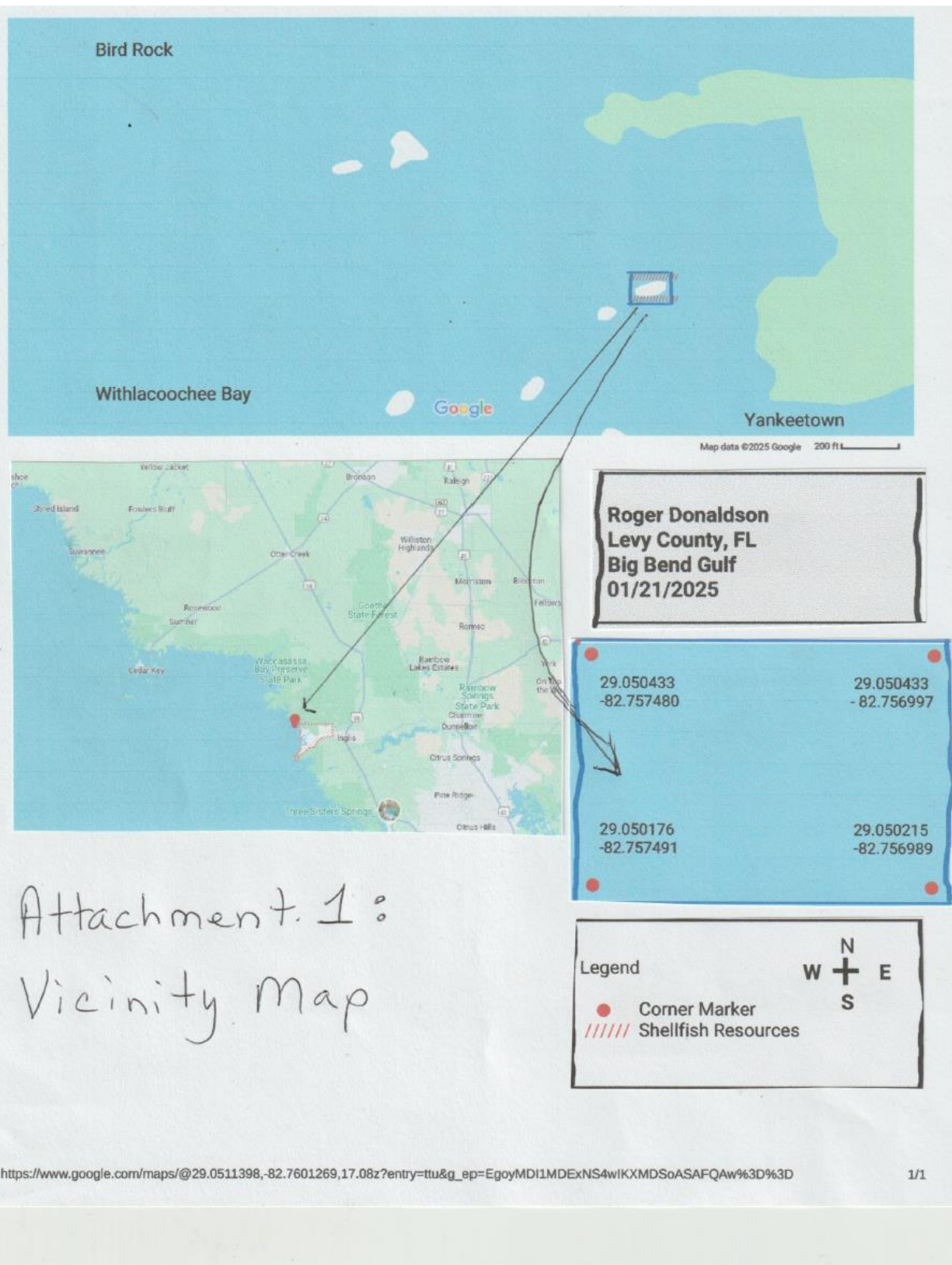
☒ For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.

☒ For new site nominations, do not include the application fee at this time. However, upon review and approval of an application for a newly proposed area, the division will contact you for the required \$200 application fee.

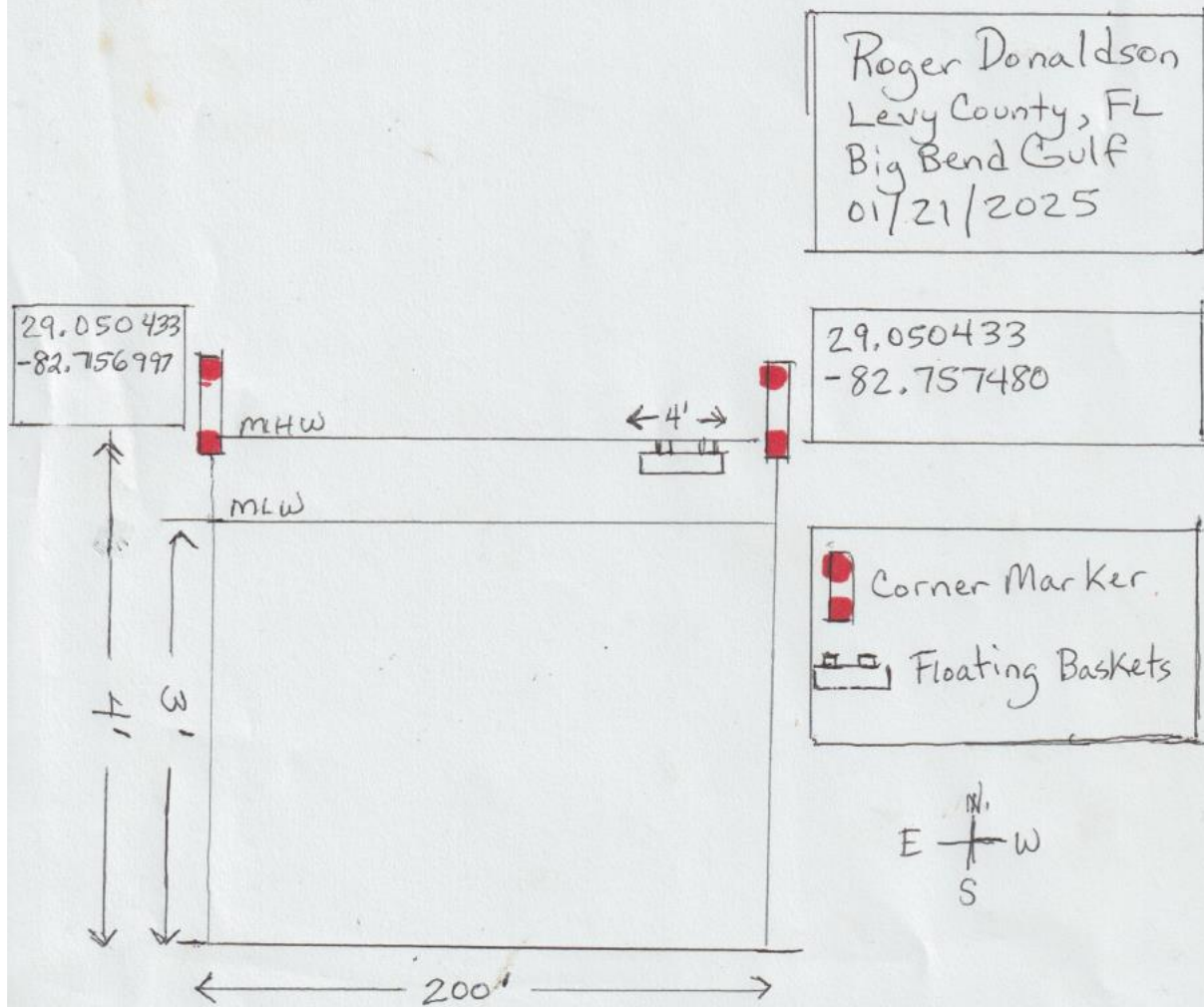
For questions regarding this form or the application process, please call the
Division of Aquaculture at (850) 617-7600.

Applicant's Signature: Roger Donaldson

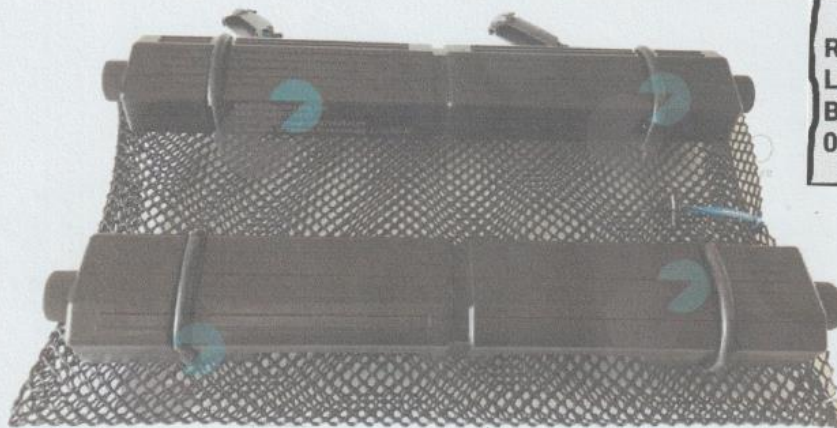
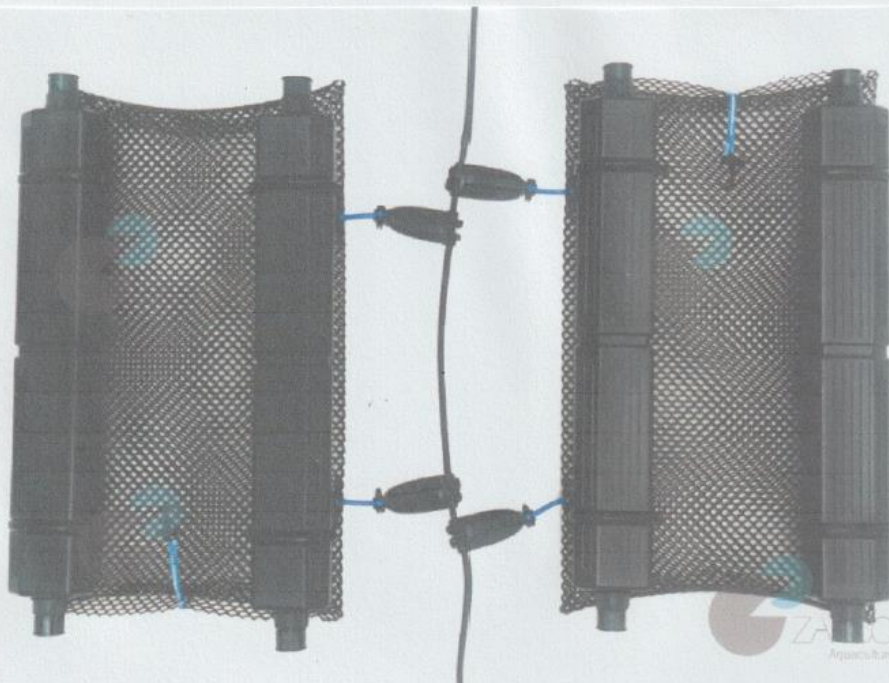
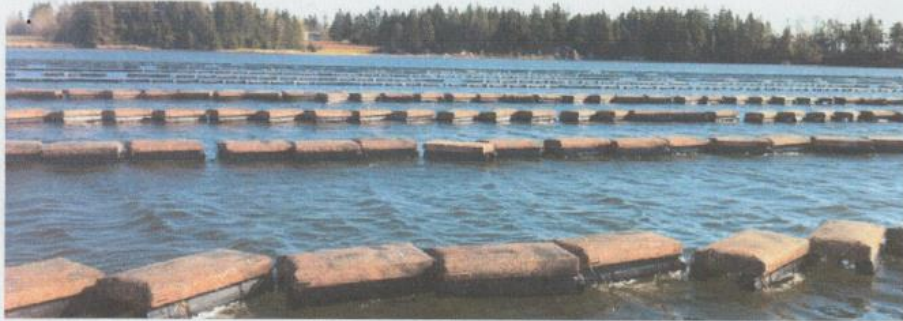
Date: June 18, 2025



Attachment 2: Cross Section Diagram



Attachment 3: Proposed Gear



Roger Donaldson
Levy County, FL
Big Bend Gulf
01/21/2025

1/21/25, 6:01 AM

(170,465 unread) - rogdon69@gmail.com - Yahoo Mail

HOME MAIL NEWS FINANCE SPORTS ENTERTAINMENT LIFE SEARCH SHOPPING YAHOO! PLUS MK Upgrade Now

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Inbox 170K

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Sent

Archive

Spam

Trash

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Aquaculture request Yahoo/Florida ... ☆



William Ary
From:
admin@yankeetownfl.org

Mon, Dec 9, 2024 at 11:27 AM ☆

Roger Donaldson,

Thank you for reaching out to the Town of Yankeetown. The Town of Yankeetown has not assigned any Comprehensive Plan or Zoning designations to sovereign, submerged lands. To the extent that the applicant's aquaculture activities occur within sovereign submerged lands and are consistent with the requirements of other governmental authorities, including FDACS, DEP etc, the Town does not have any objection.

If DEP needs anything please direct them to me and I will handle their requests from the Town.



William Ary
Town Manager
6241 Harmony Ln. Yankeetown FL, 34498
O:352-447-2511 Hours 8am-3pm
Yankeetownfl.org





WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

**APPLICATION FOR A STATE-OWNED
SOVEREIGNTY SUBMERGED LAND
AQUACULTURE LEASE**

Section 253.09, Florida Statutes – Rule 18-21.021, F.A.C.

Application No. _____ (Official Use Only)

Please Type or Print Legibly

PART I - Applicant Information

Name: Konstantinos Tsoupeis

Company Name: Pristine Aqua Farms, LLC

Lease Title: Pristine Reef

Aquaculture Certificate of Registration Number: AQ#1548551

Address: 1911 W North A Street

City: Tampa State: FL Zip: 33606

Lease Title: A lease can be issued to persons or to a company or LLC. Please use the full legal name for a lease to be issue in a personal name. If entering a company or LLC name, please provide incorporation or registration documentation as proof that the business entity is registered and that you are authorized to conduct business on behalf of the entity.

I certify that I am 18 years old or older (please initial): KT

Describe your capability to conduct your proposed aquaculture activities (including training, experience and education that you have obtained or will obtain).

Currently operating 6.6 acres in Cedar key for the last 4 years now. I have learned a lot in those few years and have had the guidance of several mentors. I am now confident in achieving a large scale commercial operation. WE currently have a contract with the USDA for clean water remediation and we are able to use those funds for developing this area.

PART II- Parcel/Site Information

☐ Bottom Lease (use of up to 6 inches off the bottom)

☒ Water Column Lease (use of the full water column) Please contact the division to determine if the parcel can be issued for full water column usage.

A. Existing/Approved Parcels

County _____

Aquaculture Use Zone _____

Parcel # _____ Alternate Parcel # _____

You may enter an alternate parcel in case your first choice is already taken.

Remit payment of application fee of \$200.00 by check or money order to:
Florida Department of Agriculture & Consumer Services
P. O. Box 6700
Tallahassee, FL 32314-6700

Org. Code: 42150300000
EO A2
Object Code: 001237 \$200.00

B. New Site (for newly proposed areas, complete section B)

County Levy

Water body Withlacoochee Bay

Size of Proposed Lease Area 10 acres

Shallowest water depth at mean low water 3 feet

Deepest water depth at mean low water 6 feet

Average tidal range in area 3 feet

Shellfish Harvesting Area (SHA) 3402

Do you own the riparian upland property?

☐ Yes

☐ No

If "yes" please attach a copy of the warranty deed and complete the following:

Linear feet of waterfront property: _____

Local zoning and specific use: _____

If "no" please describe the location of access to the proposed lease site.

More than 500 feet from any riparian rights.

Approx. distance to nearest shoreline 50 feet

For areas within 500 feet of a riparian landowner, a list of the names and addresses of each owner of property lying within 500 feet of the proposed area, as shown on the latest county tax assessment roll is required to be included in this application package.

Corner coordinates for proposed area in Decimal Degrees (DD.ddddd):

NE	<u>29.032303</u>	<u>-82.785765</u>
SE	<u>29.033415</u>	<u>-82.784919</u>
NW	<u>29.030968</u>	<u>-82.783443</u>
SW	<u>29.032114</u>	<u>-82.782592</u>

A vicinity map of the proposed area is required to be included in this application package. The vicinity map may be hand drawn or computer generated.

See Attachment 1 for guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area.
- ☒ Include corner GPS coordinates in Decimal Degrees.
- ☒ Illustrate any natural resources adjacent to the proposed site.
- ☒ Illustrate any boat navigation channels or paths in the immediate vicinity of the area.

Describe the substrate/bottom composition at the proposed site (i.e., sand, silt, mud, etc.).

After through inspection the bottom is comprised of hard bottom and a silt mud mix. There was zero evidence of any coral or seagrass.

For newly proposed site, mail completed application to:

Division of Aquaculture
Attention: Portia Sapp
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399-1300
or transmit via email to
Aquaculture_Web@FDACS.gov

NO APPLICATION FEE IS DUE AT THIS TIME.

For the SHA code, please visit our website at:

<https://www.FDACS.gov/Agriculture-Industry/Aquaculture/Shellfish-Harvesting-Area-Classification/Shellfish-Harvesting-Area-Maps>

Proposed shellfish leases must be sited in Approved or Conditionally Approved waters.

Briefly describe your reasons for selecting the proposed site (i.e., substrate type, location, water quality, etc.). The proposed area selected should have minimum environmental, social and use impacts (e.g., seagrasses, natural shellfish resources, navigation, recreation and commercial uses, etc.).

The location is surrounded by shoals and extinct oyster beds, this will help protect gear from storms and high winds. It also is very remote that combined with the typography will help deter thieves and any interference with recreational fishing. The area was once covered in oyster beds that rose up and were plentiful, it is all now gone, this project will provide a restorative impact on the local ecology in a massive way.

List any recreational and commercial uses of the proposed area (e.g., fishing, tourism, etc.).

This area will be used to produce oysters and clams.

Describe the potential impacts of the proposed use on the ecology of the area (including fish habitat, threatened and endangered species and other natural resources).

The area was once thriving with millions of oysters that are all now gone. This project will provide a very crucial role in sustaining the pristine waters that are there now.

Provide a statement explaining why the lease is in the public interest or is not contrary to the public interest.

The lease will be able to filter millions of gallons of sea water a day. There by reducing the threat of *Carin Brevis*, *E. Coli* and many other harmful outbreaks. The project will play an important role in sustaining the ecology by nitrogen and carbon reduction

For dock applications, describe any aquaculture-related structures proposed (a detailed and dimensioned site plan is required pursuant to subsection 18-21.021(1) (d) (3), Florida Administrative Code).

PART III-Lease Development Plan (complete this section for all applications)

Proposed aquaculture activities are (check only one):

☒ Commercial ☐ Management Agreement

Product(s) to be cultivated:

(Please check all that apply)

- ☒ Hard Clam (*Mercenaria spp.*)
☐ Sunray Venus Clam (*Macrocallista nimbosa*)
☒ Eastern Oyster (*Crassostrea virginica*)
☐ Live Rock
☐ Other _____

Describe the aquaculture activities to be conducted including planting and harvesting activities.

Oyster will be cultivated on the top and bottom of the lease depending on size, weather and conditions.

Clams will be grown in specific areas that are suitable.

Effective cultivation is required to be performed on all aquaculture leases. Minimum effective cultivation is the planting of 100,000 seed clams or 70,000 seed oysters per acre per year. Provide below a detailed business development plan including the amount of product to be planted and harvested each year throughout the term of the lease (Year 1-Year 10).

Year 1 2,000,000 Oyster and 2 million clams

Year 2 4,000,000 oyster and 20,000,000 clams

Year 3 4,000,000 oyster and 20,000,000 clams

Year 4 4,000,000 oyster and 20,000,000 clams

Year 5 4,000,000 oyster and 20,000,000 clams

Year 6 4,000,000 oyster and 20,000,000 clams

Year 7 4,000,000 oyster and 20,000,000 clams

Year 8 4,000,000 oyster and 20,000,000 clams

Year 9 4,000,000 oyster and 20,000,000 clams

Year 10 4,000,000 oyster and 20,000,000 clams

Describe the supply source of seed stock or rock products.

Pristine Aqua Farms will purchase seed from various hatcheries that we have close relationships with. i.e. The Bio Filter Group Cedar Key, Triple N Nursery MS, Double D Nursery GA. We also are working on building our own hatchery.

Describe the distribution of the product after harvest.

Processing will be done at our own processing facility that will be built on the Island at 1 Tipie Toe Lane Yankeetown, FL

PART IV- Proposed Gear (complete this section for all applications)

Describe the maximum dimension (length x width x height) and characteristics of the gear to be used (material type, wire gauge, brand, etc.).

Floating bags and cages 18" a 36"

Bottom racks supported by racks made of plastic or metal

A cross section diagram of the proposed area is required to be included in this application package. See Attachment 2 for guidance and at a minimum include the following items in the diagram:

- ☒ Legend with applicant name, county, water body and date.
- ☒ Label the dimensions of the proposed area with GPS coordinates in Decimal Degrees.
- ☒ Water depth at Mean High Water and Mean Low Water.
- ☒ Location and number of proposed gear and support poles.

Images or sketches of proposed structures for aquaculture production are required to be included in this application package. This includes all cages, bags, anchors etc. See Attachment 3 for guidance.

The leaseholder is responsible and liable for equipment and gear placed on the lease. All off bottom gear must be permanently and individually marked with the name of the leaseholder. Additionally all gear must be properly disposed of following use or displacement off the lease. Please provide a description of marking methods for off bottom gear and a gear recovery plan to meet these requirements.

All gear will be tagged with an information tag.

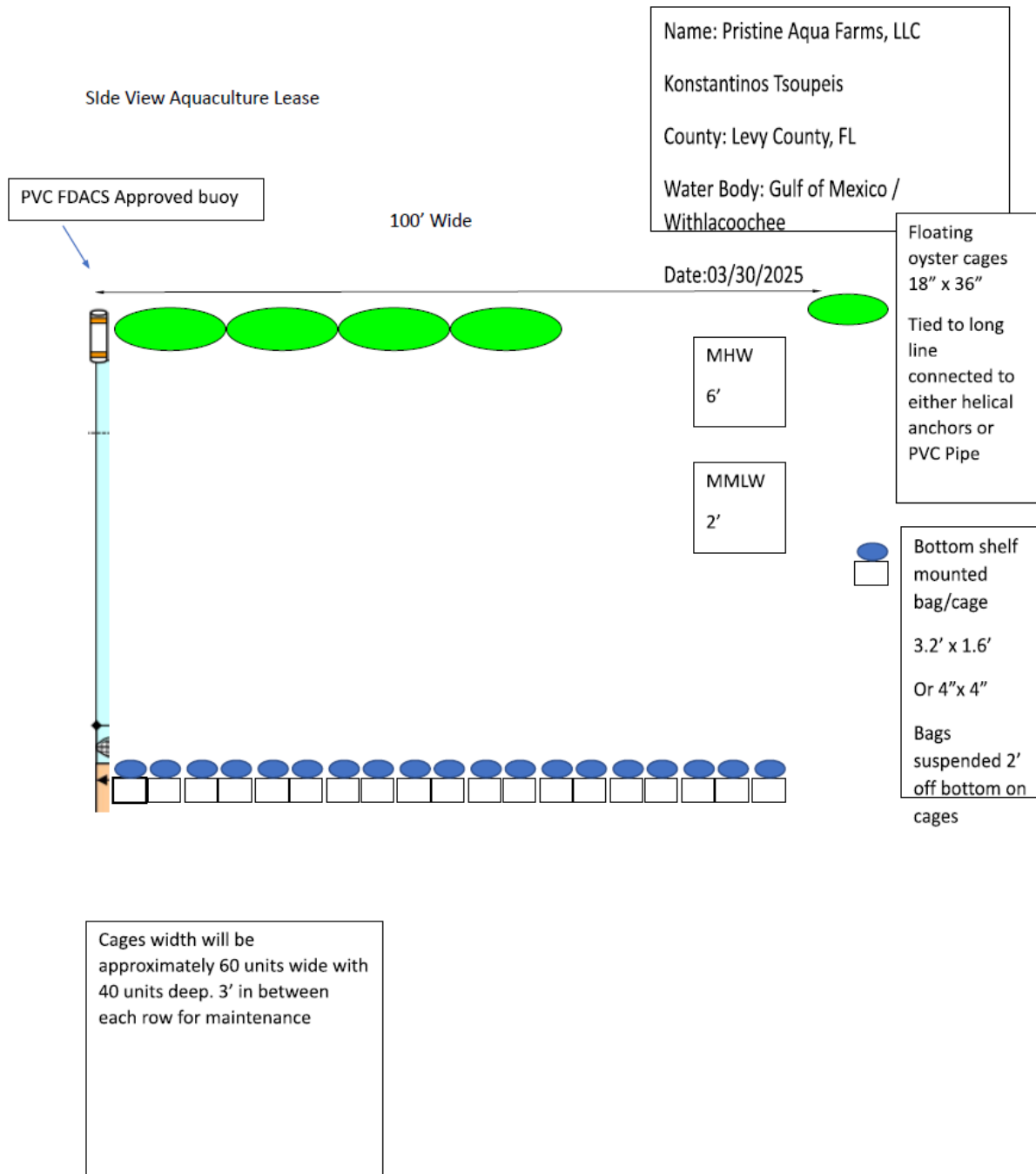
Additional Information

- ☒ I understand prior to signing the lease agreement, it is my responsibility to read and comply with all terms and conditions of the lease agreement.
- ☒ I understand that upon final approval of a new lease area, I will be responsible to provide two prints of a survey of the parcel pursuant to section 18-21.021(1)(i)&(j), Florida Administrative Code.
- ☒ I understand that I will be responsible to install and maintain lease markers pursuant to an approved U.S. Coast Guard Private Aids to Navigation permit.
- ☒ For existing parcels, an application fee of \$200.00 is required to be submitted with the lease application.
- ☒ For new site nominations, do not include the application fee at this time. However, upon review and approval of an application for a newly proposed area, the division will contact you for the required \$200 application fee.

For questions regarding this form or the application process, please call the
Division of Aquaculture at (850) 617-7600.

Applicant's Signature: Konstantinos Tsoupeis Digitally signed by Konstantinos Tsoupeis
Date: 2025.03.27 00:04:13 -04'00'

Date: _____





WILTON SIMPSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Aquaculture

SOVEREIGNTY SUBMERGED LAND AQUACULTURE LEASE

Section 253.71, Florida Statutes

This Instrument Prepared by:
Division of Aquaculture
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399

**BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND
OF THE STATE OF FLORIDA**

No.

THIS LEASE is hereby issued by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida, hereinafter referred to as the "Lessor."

WITNESSETH: That for and in consideration of payment of the lease fees hereinafter provided, and the faithful and timely performance of and compliance with all terms and conditions stated herein, the Lessor does hereby lease to _____, hereinafter designated as the "Lessee," the sovereignty submerged lands described as follows:

A parcel () of sovereignty, submerged land lying in the _____ Aquaculture Use Zone, near _____, in _____ County, Florida, containing _____ acres, more or less, of sovereignty, submerged lands described and shown on Attachment A.

TO HAVE THE USE OF the hereinabove described premises for a period of ten years from _____, the effective date of this lease. The terms and conditions upon and for which this lease is granted are as follows:

1. The Lessee is hereby authorized to undertake aquaculture activities on the lands described above.
2. Lessee shall pay to Lessor an annual lease fee of \$ _____, representing a base annual rental fee of \$16.73 per acre or fraction thereof and an annual surcharge of \$10.00 per acre or fraction thereof, pursuant to rule 18-21.022, Florida Administrative Code (F.A.C.). The annual fee and surcharge collected will be deposited in the General Inspection Trust Fund, pursuant to sections 597.010(5)(b) and (7), F.S. The first year's base rent and surcharge shall be paid to Lessor within 30 days of the effective date of this lease. Thereafter base rent and surcharge shall be paid annually to Lessor on or before January 1 of each succeeding year of the lease term. Lessee understands that from time to time the lease fee may be increased by the Lessor, and the Lessee agrees to pay the increased lease fee, as adopted by the Board of Trustees.
3. Failure of the lessee to pay rent within 30 days of January 1 shall constitute ground for cancellation of the lease and forfeiture to the state of all works, improvements, and animal and plant life in and upon the leased land and water column.
4. The Lessee shall maintain complete and accurate production documents and shall provide same to Lessor upon request.

5. Failure of the Lessee to perform effective cultivation, or otherwise comply with the terms of this lease, shall constitute cause for termination of the lease and forfeiture to the State of all the works, improvements, and animal and plant life in and upon the leased land and water column. Effective cultivation shall consist of the reasonable and bona fide attempt to grow-out shellfish in a density suitable for commercial harvesting, in accordance with the Lessee's business plan submitted to the Department of Agriculture and Consumer Services (hereafter "Department") as part of the lease application and shall be extended throughout the entire ten-year term of this lease.

6. This lease may be terminated upon the Lessee's written request.

7. The Lessee, in accepting this lease, does hereby agree that no claim to title or interest to said lands hereinbefore described shall be made by reason of the occupancy or use thereof and that all title or interest to said land hereinbefore described is vested in the Lessor.

8. The Board of Trustees will not approve lease transfers or assignments during the first five years of the initial lease term. However, after five years from the effective date of the initial lease, Lessee, upon written consent from the Lessor, may sublease, assign or otherwise transfer the lease granted to the Lessee.

9. The Lessee shall neither permit the sovereign lands described in this lease nor any part thereof to be used or occupied for any purpose or business other than herein specified; nor shall the Lessee knowingly permit or suffer nuisances or illegal operations of any kind on the sovereign lands described in this lease.

10. The Lessee agrees to maintain the sovereign lands described in this lease in good condition in the interest of public health, safety and welfare. The Lessee agrees that the sovereign lands described in this lease are subject to inspection by the Lessor or its designated agent at any reasonable time.

11. The Lessee hereby covenants and agrees to investigate all claims of every nature at its expense, and to indemnify, defend, hold, and save harmless the Board of Trustees of the Internal Improvement Trust Fund, the State of Florida, and the Department from all claims, actions, lawsuits and demands arising out of this lease or any activity conducted hereunder. The Lessee further agrees to be solely responsible for any injury or property damage resulting from any property conditions or activity on the leased area.

12. The Lessee agrees that upon expiration or termination of this lease all permission granted to undertake the activities, as described in paragraph 1 of this lease, shall cease and terminate, and Lessee shall immediately vacate and surrender possession of the premises to Lessor subject to the provisions of paragraph 23.

13. If requested by Lessee, this lease may be renewable for additional ten-year terms upon such terms and conditions as are acceptable to the parties hereto. The request must be in writing and delivered by the Lessee to the Lessor no later than 90 days before the expiration date of the then existing lease agreement. Upon receipt of the request for an additional ten-year term, the Department will either take final action on behalf of the Board of Trustees where the circumstances meet the delegation of authority provided to the Department by the Board of Trustees, or the Department will submit the Lessee's request for an additional ten-year term to the Board of Trustees for final action.

14. Neither failure or successive failures on the part of the Lessor to enforce any provision, nor any waiver or successive waivers on its part of any provision herein, shall operate as a discharge thereof or render the same inoperative or impair the right of the Lessor to enforce the same upon any renewal thereof or in the event of subsequent breach or breaches.

15. The Lessee, by acceptance of this lease, binds itself to abide by the provisions and conditions herein set forth, and said provisions and conditions shall be deemed covenants of the Lessee. In the event the Lessee fails or refuses to comply with the provisions and conditions herein set forth, or in the event the Lessee violates any of the provisions and conditions herein, except for the provisions of paragraph 25, this lease may be terminated by the Lessor after notice in writing by certified mail to the Lessee. Upon receipt of such notice, the Lessee shall undertake to correct such noncompliance or violation for which the Lessor has given notice to correct within 30 days of receipt of notice. In the event Lessee fails or refuses to timely correct the violation, the Lessor, at its option, shall be entitled to terminate this lease and, if terminated, all rights of Lessee hereunder shall cease. All costs, including reasonable attorney fees, incurred by the Lessor to enforce any provisions of this lease shall be paid by the Lessee. The Lessee, by acceptance of this lease, agrees to accept service by certified mail of any notice required by this lease or Chapter 253, F.S., in addition to Chapter 18-14, F.A.C., at the following address:

STREET OR P. O. BOX NO.

CITY STATE ZIP

The Lessee agrees to notify the Lessor by certified mail of any change in this address at least ten days before the change is effective. If Lessee's mail is returned for any reason (unclaimed, unable to deliver, no longer at address, etc.), and Lessor is unable to locate Lessee, Lessor has the option of canceling the lease.

16. The Lessee agrees to assume all responsibility for liabilities that accrue to the subject property or to the improvements thereof, including any and all special assessments or taxes of every kind and description which are now or may be hereafter lawfully assessed and levied against the subject property and associated improvements during the effective period of this lease.

17. Unless the mooring of a security vessel is specifically approved in writing by Lessor, no security vessel shall be moored on or adjacent to the lease area. Lessee further agrees that no vessel required to be registered or titled under Florida law shall be allowed to moor or dock within or adjacent to, or otherwise use the area described within this lease unless such vessel is registered or titled in accordance with Chapters 327 and 328, F.S. Lessee agrees that no vessel of any description shall be moored on or adjacent to the leased premises for a period exceeding twenty-four hours, irrespective of whether the vessel is periodically moved, unless authorized by the terms of this lease.

18. NOTICE: The undertaking of any unauthorized activities, including the erection or placement of any permanent or temporary structures, shall constitute a violation of Chapter 253, F.S., and subject the Lessee to administrative fines under Chapter 18-14, F.A.C., and the terms of this lease. Any such violation may result in the imposition of administrative fines, judgment for damages, and/or the termination of this lease.

19. As a condition to obtaining this lease, the Lessee hereby agrees not to discriminate against any individual because of that individual's race, color, religion, sex, national origin, age, handicap, or marital status with respect to any activity occurring within the area subject to this lease or upon lands adjacent to and used as an adjunct of the area described within this lease.

20. Lessor and Lessee agree that Lessor has venue privilege as to any litigation arising from matters relating to this lease. Therefore, any such litigation between Lessor and Lessee shall be initiated and maintained only in Leon County, Florida.

21. This lease is the entire and only lease between the parties. Its provisions are not severable. Any amendment or modification to this lease must be in writing and must be accepted, acknowledged and executed by the Lessee and Lessor.

22. This lease shall be deemed to have been executed and entered into in the State of Florida. Any dispute arising hereunder shall be governed by the laws of the State of Florida. This lease shall be binding on and shall inure to the benefit of the heirs, executors, administrators and assigns of the parties hereto, but nothing contained in this paragraph shall be construed as a consent by Lessor to any assignment of this Lease or any interest therein by Lessee.

23. Lessee shall remove all works, equipment, structures and improvements from the sovereign lands described in this lease within 60 days following the date of expiration or termination of this lease. Lessee shall also provide to the Department an attestation statement from a third party, acceptable by the Lessor, verifying that all works, equipment, structures and improvements have been removed. Failure to remove all equipment and improvements within 60 days and provide the attestation statement may result in cancellation of all other aquaculture submerged land leases held by Lessee and Lessee will be prohibited from executing, acquiring, subletting, or the authorized use of any state owned aquaculture submerged land lease for ten years from date of cancellation of the lease in which the works, equipment, structures and improvements were not removed.

24. The Lessee shall be bound by present and future enactments in Florida law as expressed in Chapter 253, F.S., or elsewhere in Florida Statutes, and by present and future provisions of the Florida Administrative Code promulgated thereunder, and by any present and future enactments adopted by the Board of Trustees pertaining to this lease agreement.

25. Conviction of a violation of Chapter 597, F.S., and/or rule 5L-1, F.A.C., or other rules promulgated by the Department, or the Florida Fish and Wildlife Conservation Commission, may be cause for this lease to be terminated without further

notice to Lessee and shall result in the forfeiture to Lessor of the works, improvements, and shellfish in and upon the leased premises.

26. SPECIAL LEASE CONDITIONS

- a) Pursuant to Chapter 253.71 (7), F.S., lease agreements may contain special lease conditions that provide for flexibility in surveying and posting lease boundaries, incorporate conditions necessary to issue permits pursuant to Part IV of Chapter 373, F.S. and Chapter 403, F.S., and provide for special activities related to aquaculture and resource management.
 - (1) Pursuant to Chapter 597, F.S. authorized activities include, but are not limited to, planting shellfish cultivated from eggs, transplanting and relaying live stocks, placement of cultch material, harvesting clams, the installation and removal of nets, bags, or other devices, and the placement of markers that designate the corners and perimeters of the culture area.
 - (2) All culture materials, cover nets, bags or other designated markers placed on or in the water shall be clean and free of pollutants; including petroleum products such as creosote, oils and greases, or other pollutants. Compounds used as preservatives must be used in accordance with product label.
 - (3) Culture materials (cultch) placed on the grow-out area must be a suitable substance for attachment of oyster larvae: such as natural molluscan shells; fossilized shell; fossilized coral and other aquatic organisms; lithic materials, such as crushed and graded limestone, granite, and gravel which contain calcium carbonate and/or fossilized organisms; or recycled materials which contain lithic fractions and calcium carbonate, including crushed and graded concrete. Exceptions to this list of generally accepted cultch materials must be specifically approved and identified within the aquaculture lease agreement.
 - (4) Bags and/or trays used in the culture operation shall be removed from the water during all mechanical cleaning, maintenance and repair operations. Mechanical or hydraulic devices shall not be used below the water for the cleaning of the submerged structures. The Lessee may use hand tools for cleaning shellfish, bags, and other structures under water.
- b) The Lessee agrees that mechanical harvesting is prohibited on the lease site, unless expressly approved in this lease agreement.
- c) No aquaculture activities will be allowed over bottoms that contain biological resources consisting of submerged seagrass communities, naturally occurring oyster and clam beds, corals, attached sponges or attached macro marine algae beds.
- d) The Lessee shall, prior to commencement of the aquaculture activities on the approved lease site, and no later than 120 days from the date of such approval, provide to the Lessor a Department of Environmental Protection, Division of State Lands approved survey and legal description of the parcel to be included in the lease. If an acceptable survey is not received from the Lessee within 120 days it may be cause for immediate termination of the lease.
- e) The Lessee shall, within 90 days from the date of execution of this lease, properly post the lease boundaries to delineate the corners and perimeters of the lease. Lessee must install and maintain a buoy or post at each of the remaining lease corners of the lease area. Markers shall be installed in a consistent manner (i.e., utilizing all buoys, or all posts on site).
 - (1) Buoys must be white with international orange bands of reflective tape with black block characters at least one-inch in height and include each corner designation (i.e., NE, NW, SE, and SW) and parcel number or FDACS Lease No. -AQ-. Each buoy must be maintained upright at a minimum height of 14-inches above the mean high water mark.
 - (2) Posts must contain a field at least 2-1/2" wide and 10" long. The background shall be white with international orange bands of reflective tape above and below the field. Parcel number or FDACS Lease No. -AQ- and each corner designation (i.e., NE, NW, SE, and SW) shall be displayed

in black block characters of at least one-inch in height. The bottom of the identifying field on the post shall extend a minimum of 18-inches above the mean high water mark. Posts may be made from carsonite, fiberglass, and/or PVC.

- (3) For theft prevention, Lessee may install a sign with a white background and include: (a) the language "HARVESTING PROHIBITED EXCEPT BY LESSEE" in one-inch black letters; (b) the "circle symbol" using international orange reflective tape; and (c) a two-inch border using international orange reflective tape. The bottom of the sign shall extend a minimum of three-feet above the mean high water mark.
- f) This lease is limited to the exclusive use of the bottom only. The overlying water column exceeding six-inches above the bottom is specifically excluded.
- g) The Lessee, and any sublessee and/or authorized user, must possess and maintain a valid Aquaculture Certificate of Registration from the Department of Agriculture and Consumer Services pursuant to Chapter 597.004, F.S. As certified, the Lessee, sublessee and authorized user shall implement the best management practices adopted in Chapter 5L-3, F.A.C.
- h) The Lessee shall employ best management practices to protect endemic shellfish populations from the potential introduction and transfer of diseases. The best management practices shall be employed during all production and transport phases to provide responsible resource management, and reduce or eliminate the risk of disease introduction or transfer. Best management practices will include but not be limited to the following provisions.
 - (1) The source of brood stock for seed stocks to be cultured shall be from native stocks. Lessee shall provide documentation to the Department stating that seed stocks are from native brood stocks. The Lessee shall obtain such documentation from the hatchery or nursery from which seed stocks are obtained. Hatchery-reared seed stocks may not be obtained from facilities that cannot document the use of native (regional) stocks in their brood stock and genetic programs.
 - (2) The Lessee shall provide documentation that seed stocks are free of diseases that may threaten endemic populations. Such documentation should be obtained from the hatchery or nursery from which the seed stocks were obtained. Seed stocks, obtained from hatcheries or nurseries located outside of the specific region referenced in section 26, h. (1), of this lease must be certified by a recognized shellfish pathologist as free of diseases that may threaten endemic populations.
 - (3) The documentation required in section 26, h. (2), of this lease, as well as the source and destination, must accompany each shipment of seed stocks and market size shellfish, and a record of all documents and transactions shall be maintained by the Lessee and submitted to the Department in the annual lease audit. Shellfish seed stocks, for the purpose of this section, shall be defined as shellfish that are less than ten percent of market-size or require a minimum of six months to reach market-size.
- i) Shellfish aquaculture products from certified aquaculture operations may be possessed, transported and sold when such shellfish are segregated in distinct containers, with each container being appropriately labeled as to source and certificate of registration number.
 - (1) The Lessee shall obtain authorization from the Department to relay market-size shellfish stocks from leases that are temporarily closed to direct-to-market sale. The Lessee shall document that the receiving lease is closed for direct-to-market sale of shellfish for at least 30 days when market-size shellfish are obtained from another shellfish lease or source that is closed for direct-to-market sale at the time of the transaction. Shellfish aquaculture products which are harvested from a lease that is temporarily closed to direct-to-market sale shall be documented as to date of harvest and transport. The authorization to relay may include requirements for bacteriological analyses.
 - (2) Transplanting or relaying wild shellfish stocks to a lease is prohibited.
- j) Shellfish aquaculture products which are harvested from the lease for direct-to-market sales for human

consumption shall comply with other applicable provisions of Chapter 597, F.S., Chapter 5L-1, F.A.C., and any other applicable provisions of law and administrative code.

- k) The Lessee shall perform the aquaculture activities in such a manner that will not have an adverse impact on significant resource habitats such as seagrass beds or on endangered species such as manatees and sea turtles.
- l) If the activity and/or gear proposed by the Lessee are not covered under the Department's Programmatic General Permit (SAJ-99) for Live Rock and Marine Bivalve Aquaculture, the Lessee will need to apply for an individual permit from the Army Corps of Engineers and comply with all provisions of the permit. Specifications regarding placement, type and function of appliances and devices used in culture practices and predator exclusion should be expressly approved by the Division of Aquaculture.
- m) If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The Lessee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850/245-6333). Project activities shall not resume without verbal and/or written authorization. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, F.S.

(Remainder of page intentionally left blank)

"LESSEE":

By _____
Original Signature of Lessee or Executing Authority

Typed/Printed Name of Lessee or Executing Authority

As: _____
(If Lessee is a corporation, please enter capacity in which
Executing Authority is authorized to sign, i.e, President,
Vice President, etc.)

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20____, by
_____, who is personally known to me, or who has produced a
as identification.

Notary Public (SEAL)

BOARD OF TRUSTEES OF THE INTERNAL
IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA
(SEAL)

By: _____
Joey B. Hicks, Director, Division of Administration
(or his designee)
Department of Agriculture and Consumer Services, Designee
For the Board of Trustees of the Internal Improvement Trust Fund
"LESSOR"

STATE OF FLORIDA
COUNTY OF LEON

20 The foregoing instrument was acknowledged before me this _____ day of _____,
 , by Joey B. Hicks, Director (or his designee), Division of Administration, who is personally known to me.

Notary Public (SEAL)



Florida Department of Agriculture and Consumer Services
Division of Aquaculture

SOVEREIGNTY SUBMERGED LAND AQUACULTURE LEASE
Water Column Lease

Section 253.71, Florida Statutes

This Instrument Prepared by:
Division of Aquaculture
600 South Calhoun Street, Suite 217
Tallahassee, Florida 32399

**BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND
OF THE STATE OF FLORIDA**

No.

THIS LEASE is hereby issued by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida, hereinafter referred to as the "Lessor."

WITNESSETH: That for and in consideration of payment of the lease fees hereinafter provided, and the faithful and timely performance of and compliance with all terms and conditions stated herein, the Lessor does hereby lease to _____, hereinafter designated as the "Lessee," the sovereignty submerged lands described as follows:

A parcel () of sovereignty, submerged land lying in the _____ Aquaculture Use Zone,
near _____, in _____ County, Florida, containing _____ acres, more or less, of sovereignty,
submerged lands described and shown on Attachment A.

TO HAVE THE USE OF the hereinabove described premises for a period of ten years from _____, the effective date of this lease. The terms and conditions upon and for which this lease is granted are as follows:

1. The Lessee is hereby authorized to undertake aquaculture activities on the lands described above.
2. Lessee shall pay to Lessor an annual fee of \$ _____, representing a base annual rental fee of \$33.46 per acre or fraction thereof and an annual surcharge of \$10.00 per acre or fraction thereof, pursuant to rule 18-21.022, Florida Administrative Code (F.A.C.). The annual fee and surcharge collected will be deposited in the General Inspection Trust Fund, pursuant to sections 597.010(5)(b) and (7), F.S. The first year's base rent and surcharge shall be paid to Lessor within 30 days of the effective date of this lease. Thereafter base rent and surcharge shall be paid annually to Lessor on or before January 1 of each succeeding year of the lease term. Lessee understands that from time to time the lease fee may be increased by the Lessor, and the Lessee agrees to pay the increased lease fee, as adopted by the Board of Trustees.
3. Failure of the lessee to pay rent within 30 days of January 1 shall constitute ground for cancellation of the lease and forfeiture to the state of all works, improvements, and animal and plant life in and upon the leased land and water column.
4. The Lessee shall maintain complete and accurate production documents and shall provide same to Lessor upon request.

5. Failure of the Lessee to perform effective cultivation, or otherwise comply with the terms of this lease, shall constitute cause for termination of the lease and forfeiture to the State of all the works, improvements, and animal and plant life in and upon the leased land and water column. Effective cultivation shall consist of the reasonable and bona fide attempt to grow-out shellfish in a density suitable for commercial harvesting, in accordance with the Lessee's business plan submitted to the Department of Agriculture and Consumer Services (hereafter "Department") as part of the lease application and shall be extended throughout the entire ten-year term of this lease.

6. This lease may be terminated upon the Lessee's written request.

7. The Lessee, in accepting this lease, does hereby agree that no claim to title or interest to said lands hereinbefore described shall be made by reason of the occupancy or use thereof and that all title or interest to said land hereinbefore described is vested in the Lessor.

8. The Board of Trustees will not approve lease transfers or assignments during the first five years of the initial lease term. However, after five years from the effective date of the initial lease, Lessee, upon written consent from the Lessor, may sublease, assign or otherwise transfer the lease granted to the Lessee.

9. The Lessee shall neither permit the sovereign lands described in this lease nor any part thereof to be used or occupied for any purpose or business other than herein specified; nor shall the Lessee knowingly permit or suffer nuisances or illegal operations of any kind on the sovereign lands described in this lease.

10. The Lessee agrees to maintain the sovereign lands described in this lease in good condition in the interest of public health, safety and welfare. The Lessee agrees that the sovereign lands described in this lease are subject to inspection by the Lessor or its designated agent at any reasonable time.

11. The Lessee hereby covenants and agrees to investigate all claims of every nature at its expense, and to indemnify, defend, hold, and save harmless the Board of Trustees of the Internal Improvement Trust Fund, the State of Florida, and the Department from all claims, actions, lawsuits and demands arising out of this lease or any activity conducted hereunder. The Lessee further agrees to be solely responsible for any injury or property damage resulting from any property conditions or activity on the leased area.

12. The Lessee agrees that upon expiration or termination of this lease all permission granted to undertake the activities, as described in paragraph 1 of this lease, shall cease and terminate, and Lessee shall immediately vacate and surrender possession of the premises to Lessor subject to the provisions of paragraph 23.

13. If requested by Lessee, this lease may be renewable for additional ten-year terms upon such terms and conditions as are acceptable to the parties hereto. The request must be in writing and delivered by the Lessee to the Lessor no later than 90 days before the expiration date of the then existing lease agreement. Upon receipt of the request for an additional term, the Department will either take final action on behalf of the Board of Trustees where the circumstances meet the delegation provided to the Department by the Board or the Department will submit the Lessee's request for an additional term to the Board of Trustees for final action.

14. Neither failure or successive failures on the part of the Lessor to enforce any provision, nor any waiver or successive waivers on its part of any provision herein, shall operate as a discharge thereof or render the same inoperative or impair the right of the Lessor to enforce the same upon any renewal thereof or in the event of subsequent breach or breaches.

15. The Lessee, by acceptance of this lease, binds itself to abide by the provisions and conditions herein set forth, and said provisions and conditions shall be deemed covenants of the Lessee. In the event the Lessee fails or refuses to comply with the provisions and conditions herein set forth, or in the event the Lessee violates any of the provisions and conditions herein, except for the provisions of paragraph 25, this lease may be terminated by the Lessor after notice in writing by certified mail to the Lessee. Upon receipt of such notice, the Lessee shall undertake to correct such noncompliance or violation for which the Lessor has given notice to correct within 30 days of receipt of notice. In the event Lessee fails or refuses to timely correct the violation, the Lessor, at its option, shall be entitled to terminate this lease and, if terminated, all rights of Lessee hereunder shall cease. All costs, including reasonable attorney fees, incurred by the Lessor to enforce any provisions of this lease shall be paid by the Lessee.

The Lessee, by acceptance of this lease, agrees to accept service by certified mail of any notice required by this lease or Chapter 253, F.S., in addition to Chapter 18-14, Florida Administrative Code (F.A.C.) at the following address:

STREET OR P. O. BOX NO.

CITY

STATE

ZIP

The Lessee agrees to notify the Lessor by certified mail of any change in this address at least ten (10) days before the change is effective. If Lessee's mail is returned for any reason (unclaimed, unable to deliver, no longer at address, etc.), and Lessor is unable to locate Lessee, Lessor has the option of canceling the lease.

16. The Lessee agrees to assume all responsibility for liabilities that accrue to the subject property or to the improvements thereof, including any and all special assessments or taxes of every kind and description which are now or may be hereafter lawfully assessed and levied against the subject property and associated improvements during the effective period of this lease.

17. Unless the mooring of a security vessel is specifically approved in writing by Lessor, no security vessel shall be moored on or adjacent to the lease area. Lessee further agrees that no vessel required to be registered or titled under Florida law shall be allowed to moor or dock within or adjacent to, or otherwise use the area described within this lease unless such vessel is registered or titled in accordance with Chapters 327 and 328, F.S. Lessee agrees that no vessel of any description shall be moored on or adjacent to the leased premises for a period exceeding twenty-four hours, irrespective of whether the vessel is periodically moved, unless authorized by the terms of this lease.

18. NOTICE: The undertaking of any unauthorized activities, including the erection or placement of any permanent or temporary structures, shall constitute a violation of Chapter 253, F.S., and subject the Lessee to administrative fines under Chapter 18-14, F.A.C., and the terms of this lease. Any such violation may result in the imposition of administrative fines, judgment for damages, and/or the termination of this lease.

19. As a condition to obtaining this lease, the Lessee hereby agrees not to discriminate against any individual because of that individual's race, color, religion, sex, national origin, age, handicap, or marital status with respect to any activity occurring within the area subject to this lease or upon lands adjacent to and used as an adjunct of the area described within this lease.

20. Lessor and Lessee agree that Lessor has venue privilege as to any litigation arising from matters relating to this lease. Therefore, any such litigation between Lessor and Lessee shall be initiated and maintained only in Leon County, Florida.

21. This lease is the entire and only lease between the parties. Its provisions are not severable. Any amendment or modification to this lease must be in writing and must be accepted, acknowledged and executed by the Lessee and Lessor.

22. This lease shall be deemed to have been executed and entered into in the State of Florida. Any dispute arising hereunder shall be governed by the laws of the State of Florida. This lease shall be binding on and shall inure to the benefit of the heirs, executors, administrators and assigns of the parties hereto, but nothing contained in this paragraph shall be construed as a consent by Lessor to any assignment of this Lease or any interest therein by Lessee.

23. Lessee shall remove all works, equipment, structures and improvements from the sovereign lands described in this lease within 60 days following the date of expiration or termination of this lease. Lessee shall also provide to the Department an attestation statement from a third party, acceptable by the Lessor, verifying that all works, equipment, structures and improvements have been removed. Failure to remove all equipment and improvements within 60 days and provide the attestation statement may result in cancellation of all other aquaculture submerged land leases held by Lessee and Lessee will be prohibited from executing, acquiring, subletting, or the authorized use of any state owned aquaculture submerged land lease for ten years from date of cancellation of the lease in which the works, equipment, structures and improvements were not removed.

24. The Lessee shall be bound by present and future enactments in Florida law as expressed in Chapter 253, F.S., or elsewhere in Florida Statutes, and by present and future provisions of the Florida Administrative Code promulgated thereunder, and by any present and future enactments adopted by the Board of Trustees pertaining to this lease agreement.

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25. Conviction of a violation of Chapter 597, F.S., and/or rule 5L-1, F.A.C., or other rules promulgated by the Department, or the Florida Fish and Wildlife Conservation Commission, may be cause for this lease to be terminated without further notice to Lessee and shall result in the forfeiture to Lessor of the works, improvements, and shellfish in and upon the leased premises.

26. SPECIAL LEASE CONDITIONS

- a) Pursuant to Chapter 253.71 (7), F.S., lease agreements may contain special lease conditions that provide for flexibility in surveying and posting lease boundaries, incorporate conditions necessary to issue permits pursuant to Part IV of Chapter 373, F.S. and Chapter 403, F.S., and provide for special activities related to aquaculture and resource management.
- (1) Pursuant to Chapter 597, F.S. authorized activities include, but are not limited to, planting shellfish cultivated from eggs, transplanting live stocks, placement of cultch material, harvesting shellfish, the installation and removal of nets, bags, or other devices, and the placement of markers that designate the corners and perimeters of the culture area.
- (2) All culture materials, cover nets, bags or other designated markers placed on or in the water shall be clean and free of pollutants; including petroleum products such as creosote, oils and greases, or other pollutants. Compounds used as preservatives must be used in accordance with product label.
- (3) Culture materials (cultch) placed on the grow-out area must be a suitable substance for attachment of oyster larvae: such as natural molluscan shells; fossilized shell; fossilized coral and other aquatic organisms; lithic materials, such as crushed and graded limestone, granite, and gravel which contain calcium carbonate and/or fossilized organisms; or recycled materials which contain lithic fractions and calcium carbonate, including crushed and graded concrete. Exceptions to this list of generally accepted cultch materials must be specifically approved and identified within the aquaculture lease agreement.
- (4) Bags and/or trays used in the culture operation shall be removed from the water during all mechanical cleaning, maintenance and repair operations. Mechanical or hydraulic devices shall not be used below the water for the cleaning of the submerged structures. The Lessee may use hand tools for cleaning shellfish, bags, and other structures under water.
- b) The Lessee agrees that mechanical harvesting is prohibited on the lease site, unless expressly approved in this lease agreement.
- c) No aquaculture activities will be allowed over bottoms that contain biological resources consisting of submerged seagrass communities, naturally occurring oyster and clam beds, corals, attached sponges or attached macro marine algae beds.
- d) The Lessee shall, prior to commencement of the aquaculture activities on the approved lease site, and no later than 120 days from the date of such approval, provide to the Lessor a Department of Environmental Protection, Division of State Lands approved survey and legal description of the parcel to be included in the lease. If an acceptable survey is not received from the Lessee within 120 days it may be cause for immediate termination of the lease.
- e) The Lessee shall, within 90 days from the date of execution of this lease, properly post the lease boundaries to delineate the corners and perimeters of the lease. Lessee must install and maintain a buoy or post at each of the remaining lease corners of the lease area. Markers shall be installed in a consistent manner (i.e., utilizing all buoys, or all posts on site). Lessee shall apply for a Private Aids to Navigation permit from the US Coast Guard and comply with all provisions of the permit to warn mariners passing in the vicinity of the lease of the potential hazards to navigation.
- (1) Buoys must be white with international orange bands of reflective tape with black block characters at least one-inch in height and include each corner designation (i.e., NE, NW, SE, and SW) and parcel number or FDACS Lease No. -AQ-. Each buoy must be maintained upright at a minimum height of 14-inches above the mean high water mark.

- (2) Posts must contain a field at least 2-1/2" wide and 10" long. The background shall be white with international orange bands of reflective tape above and below the field. Parcel number or FDACS Lease No. -AQ- and each corner designation (i.e., NE, NW, SE, and SW) shall be displayed in black block characters of at least one-inch in height. The bottom of the identifying field on the post shall extend a minimum of 18-inches above the mean high water mark. Posts may be made from carsonite, fiberglass, and/or PVC.
 - (3) For theft prevention, Lessee may install a sign with a white background and include: (a) the language "HARVESTING PROHIBITED EXCEPT BY LESSEE" in one-inch black letters; (b) the "circle symbol" using international orange reflective tape; and (c) a two-inch border using international orange reflective tape. The bottom of the sign shall extend a minimum of three-feet above the mean high water mark.
- f) This lease authorizes use of the entire water column, from surface to bottom for the purpose of culturing shellfish in off-bottom or floating structures. The Lessee's identification information shall be attached to all culturing structures. In the event that culturing structures become dislodged from the lease site, it is the Lessee's responsibility to retrieve the structures from the shoreline, seagrass beds, or submerged bottom anywhere within the aquatic preserve with minimal damage to the resources affected. The structures shall be removed and properly disposed of or returned to the lease site.
 - g) The Lessee, and any sublessee and/or authorized user, must possess and maintain a valid Aquaculture Certificate of Registration from the Department of Agriculture and Consumer Services pursuant to Chapter 597.004, F.S. As certified, the Lessee, sublessee and authorized user shall implement the best management practices adopted in Chapter 5L-3, F.A.C.
 - h) The Lessee shall employ "best management practices" to protect endemic shellfish populations from the potential introduction and transfer of diseases. The best management practices shall be employed during all production and transport phases to provide responsible resource management, and reduce or eliminate the risk of disease introduction or transfer. Best management practices will include but not be limited to the following provisions.
 - (1) The source of brood stock for seed stocks to be cultured shall be from native stocks. Lessee shall provide documentation to the Department stating that seed stocks are from native brood stocks. The Lessee shall obtain such documentation from the hatchery or nursery from which seed stocks are obtained. Hatchery-reared seed stocks may not be obtained from facilities that cannot document the use of native (regional) stocks in their brood stock and genetic programs.
 - (2) The Lessee shall provide documentation that seed stocks are free of diseases that may threaten endemic populations. Such documentation should be obtained from the hatchery or nursery from which the seed stocks were obtained. Seed stocks, obtained from hatcheries or nurseries located outside of the specific region referenced in section 26, h. (1), of this lease must be certified by a recognized shellfish pathologist as free of diseases that may threaten endemic populations.
 - (3) The documentation required in section 26, h. (2), of this lease, as well as the source and destination, must accompany each shipment of seed stocks and market size shellfish, and a record of all documents and transactions shall be maintained by the Lessee and submitted to the Department in the annual Affidavit for Audit (FDACS form 15104) no later than 45 days from the date of the request for the information. Shellfish seed stocks, for the purpose of this section, shall be defined as shellfish that are less than ten percent of market-size or require a minimum of six months to reach market-size.
 - i) Shellfish aquaculture products from certified aquaculture operations may be possessed, transported and sold when such shellfish are segregated in distinct containers, with each container being appropriately labeled as to source and certificate of registration number.
 - (1) The Lessee shall obtain authorization from the Department to transplant market-size shellfish stocks

from leases that are temporarily closed to direct-to-market sale. The Lessee shall document that the receiving lease is closed for direct-to-market sale of shellfish for at least 30 days when market-size shellfish are obtained from another lease that is closed for direct-to-market sale at the time of the transaction. Shellfish aquaculture products which are harvested from a lease that is temporarily closed to direct-to-market sale shall be documented as to date of harvest and transport. The authorization to transplant may include requirements for bacteriological analyses.

- (2) Transplanting or relaying wild shellfish stocks to a lease is prohibited.
- j) Shellfish aquaculture products which are harvested from the lease for direct-to-market sales for human consumption shall comply with all applicable provisions of Chapter 597, F.S., Chapter 5L-1, F.A.C., and any other applicable provisions of law and administrative code.
- k) The Lessee shall perform the aquaculture activities in such a manner that will not have an adverse impact on significant resource habitats such as seagrass beds or on endangered species such as manatees and sea turtles.
- l) If the activity and/or gear proposed by the lessee are not covered under the Department's Programmatic General Permit (SAJ-99) for Live Rock and Marine Bivalve Aquaculture, the Lessee will need to apply for an individual permit from the Army Corps of Engineers and comply with all provisions of the permit. Specifications regarding placement, type and function of appliances and devices used in culture practices and predator exclusion should be expressly approved by the Division of Aquaculture.
- m) If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The Lessee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850/245-6333). Project activities shall not resume without verbal and/or written authorization. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, F.S.

(Remainder of page intentionally left blank)

"LESSEE":

By _____
Original Signature of Lessee or Executing Authority

Typed/Printed Name of Lessee or Executing Authority

As: _____
(If Lessee is a corporation, please enter capacity in which
Executing Authority is authorized to sign, i.e, President,
Vice President, etc.)

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20____,
by _____, who is personally known to me, or who has produced a
_____ as identification.

Notary Public (SEAL)

BOARD OF TRUSTEES OF THE INTERNAL
IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA
(SEAL)

By: _____
Joey B. Hicks, Director, Division of Administration
(or his designee)
Department of Agriculture and Consumer Services, Designee
For the Board of Trustees of the Internal Improvement Trust Fund
"LESSOR"

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this _____ day of _____, 20____,
by Joey B. Hicks, Director, (or his designee), Division of Administration, who is personally known to me.

Notary Public (SEAL)