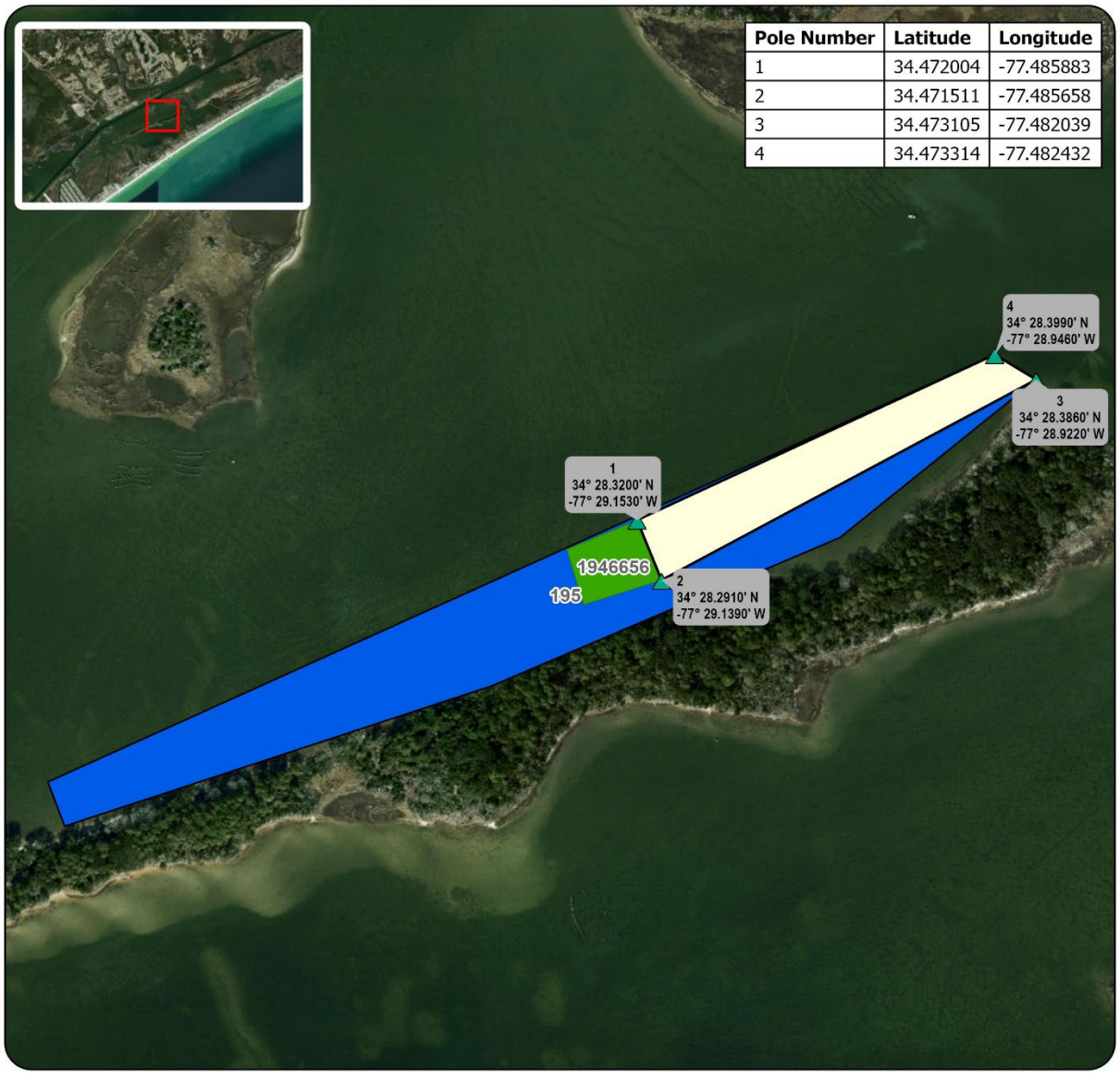
Shellfish Lease Investigation Report	
Investigation Date	9/10/2026
Applicants name	Micheal Davanzo
Lease Number	26-028WC
County	Onslow
Waterbody/location	Permuda Island Bay/ 1302030000
Proposed Lease Size (acres)	4.26
Lease Type	Water Column
Investigation Team	NH, ST, GB, MT
Gear Used	
Sediment Type	
Bottom Composition	
Depth NW Corner (m)	1.2
Depth NE Corner (m)	1.2
Depth SE Corner (m)	1.3
Depth SW Corner (m)	0.8
Average Depth (m)	1.1
Tidal Stage	F - Late flood
Water Temperature (°C)	27.2
Salinity (ppt)	30.5
Dissolved Oxygen (mg/L)	5.3
Comments on SAV in or around Proposed Lease location	N/A
Other Species Collected	N/A
In PNA?	Yes
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	Yes
Other Comments	This lease application is for a water column amendment to lease 195; therefore, there was no investigation of the interior of this footprint.

Application Coordinates	
34.472004	-77.485883
34.471511	-77.485658
34.473105	-77.482039
34.473314	-77.482432

Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

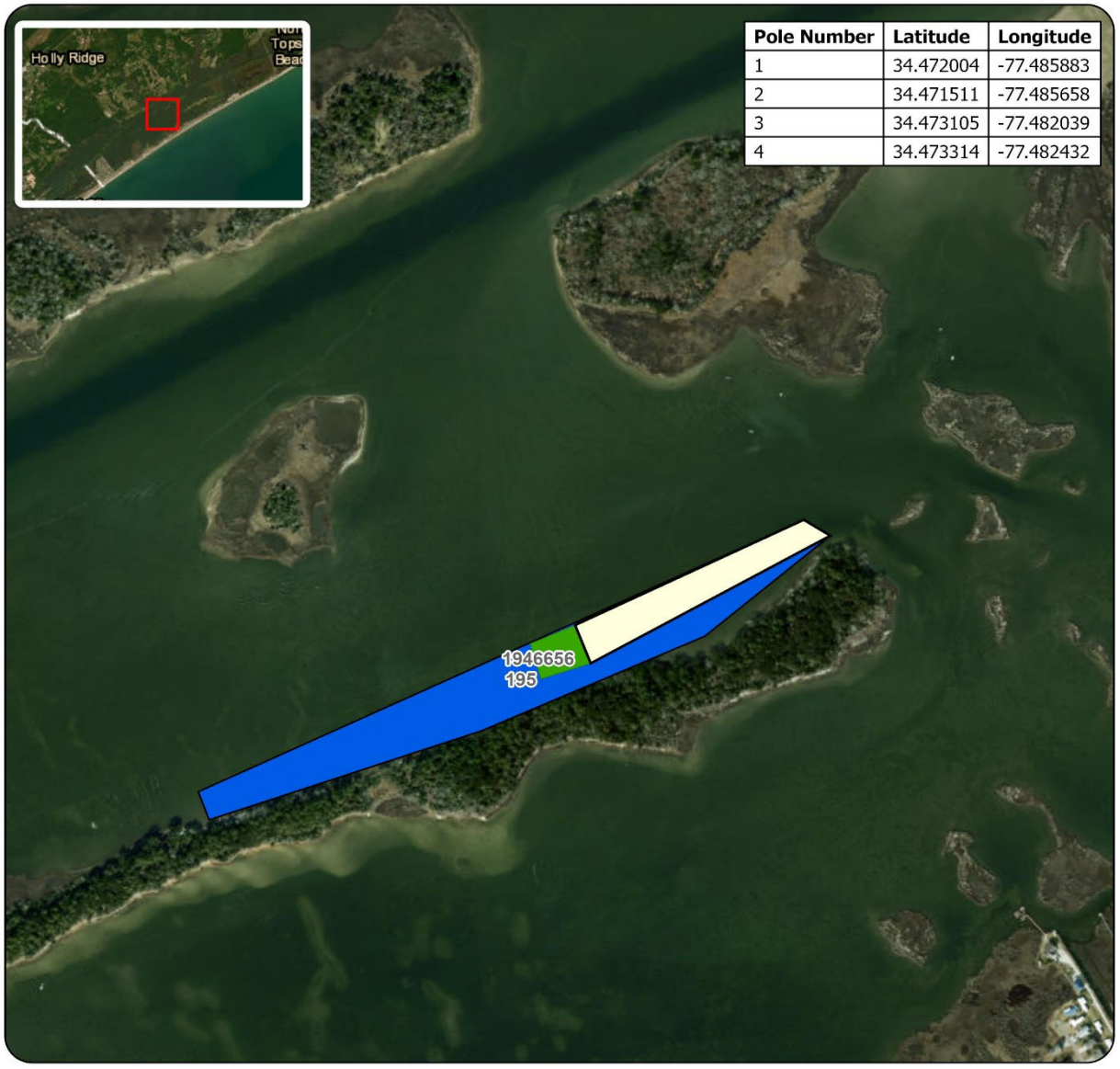
Date: 9/10/2026



Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/10/2026



Pole Number	Latitude	Longitude
1	34.472004	-77.485883
2	34.471511	-77.485658
3	34.473105	-77.482039
4	34.473314	-77.482432

N

W E

S

Meters

0 135 270

Proposed Acreage: 4.26

Proposed Lease Footprint

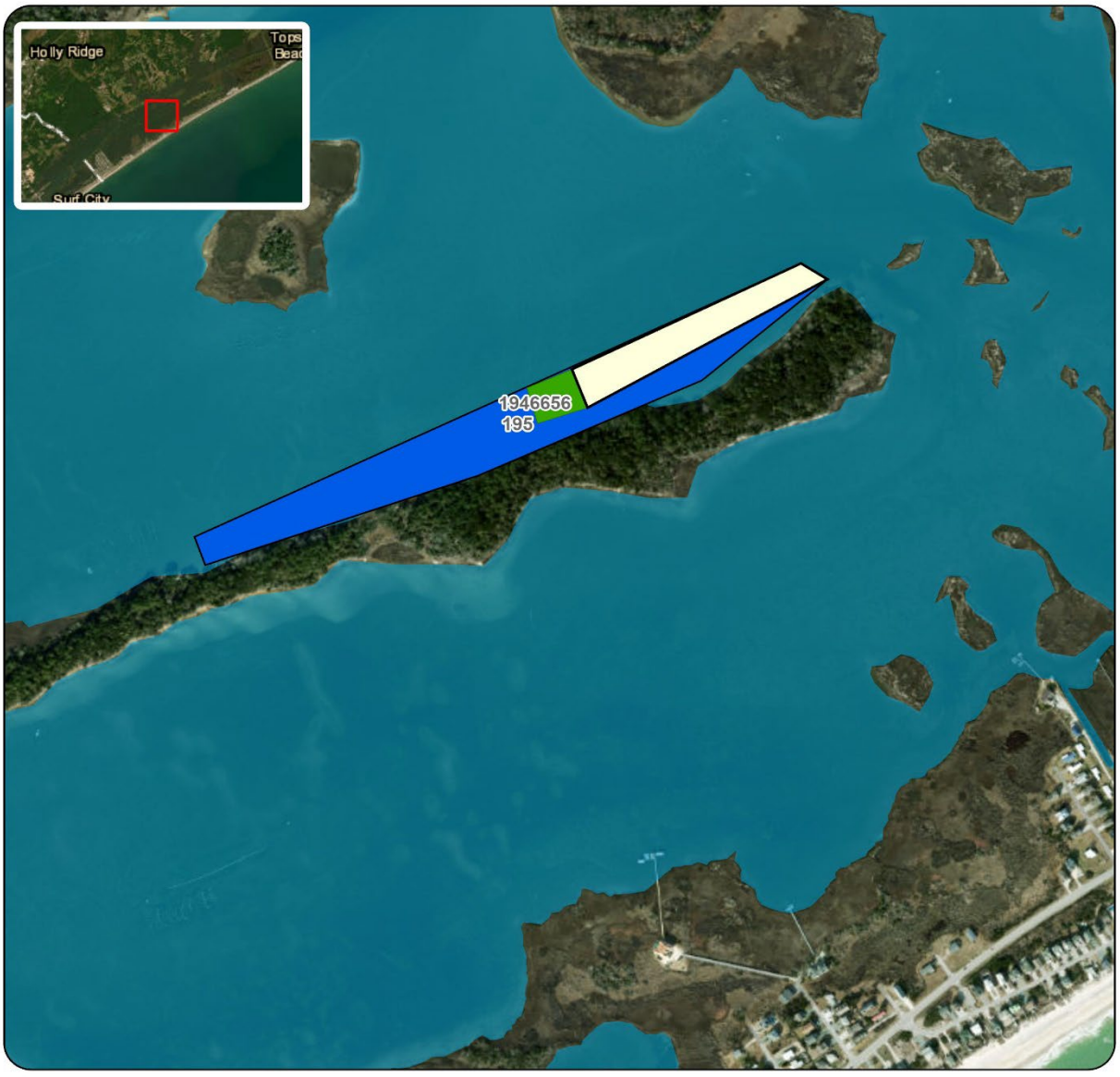


Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US

Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/10/2026



Proposed Lease ID/Number: 26-028WC
Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/19/2026



N
W E
S

Meters
0 135 270

Bottom
Water Column
Submerged Aquatic Vegetation
Proposed Lease Footprint

Proposed Acreage: 4.26

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/19/2026



Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/10/2026



N

W E

S

Meters

0 135 270

Proposed Acreage: 4.26

Cultch Reef

Cultch Permit Area

Proposed Lease Footprint

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/10/2026



N

W E

S

Meters

0 135 270

Proposed Acreage: 4.26

Primary Nursery Areas

Special Secondary Nursery Areas

Proposed Lease Footprint

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US

Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/10/2026



N

W E

S

Meters

0 135 270

Proposed Acreage: 4.26

Mechanical Methods Prohibited

Mechanical Clam Harvest Areas

Proposed Lease Footprint

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US

Proposed Lease ID/Number: 26-028WC

Applicant Name: Permuda Island Oyster Company- Michael Davanzo (Agent)

Date: 9/10/2026



Proposed Acreage: 4.26

Managed Areas

State Ownership

Proposed Lease Footprint

N

W E

S

Meters

0 135 270

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US

NW Corner Pole



NE Corner Pole



SE Corner Pole



SW Corner Pole



Shoreline surrounding the lease



Shoreline surrounding the lease



Shoreline surrounding the lease

