

Application for a Pearl Oyster Farm Lease

Name of Applicant: BR & LM Brown

Details of Proposed Lease

Location of Lease: “West Cary Patch (Trial Site)” (coordinates as in **Appendix 1**)

Size: 0.238 square nautical miles

Proposed Use: Bottom culture

Environmental Considerations (responses are directly from the application)

Benthic Habitat: The seafloor in the area is of a sand and grit composition with scattered areas of light garden (**Image 1 & 2**).

Water Movement/Circulation: The area has high tidal movement and exchange up to 9m during spring tides. The tide floods from the north west and ebbs in a south westerly direction (tidal flow map at **Image 3**).

Important Biological Resources: Some pelagic sea life is seen in the area, very little sea life recorded on the sea floor. The area is not a notable area for breeding or feeding of any species. The area has a history of being a pearling patch many decades ago.

Potential Environmental Impacts: As the sea floor is of sand, grit and light garden composition, there will be very little environmental impact on the sea floor.

Image 1:



Image 2:



Image 3:



WEST CARY PATCH (TRIAL SITE) BR & LM BROWN PEARL FARM LEASE APPLICATION - SITE PLAN

ALL THAT PORTION OF TERRITORIAL WATER WITHIN THE BOUNDARY DESCRIBED AND COLOURED GREEN ON THE PLAN BELOW COMPRISING A TOTAL WATER AREA OF 0.238 SQUARE NAUTICAL MILES

