

Application for a Pearl Oyster Farm Lease

Name of Applicant: Cygnet Bay Consolidated Pty Ltd

Details of Proposed Lease

Location of Lease: “West Cary Patch” (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:

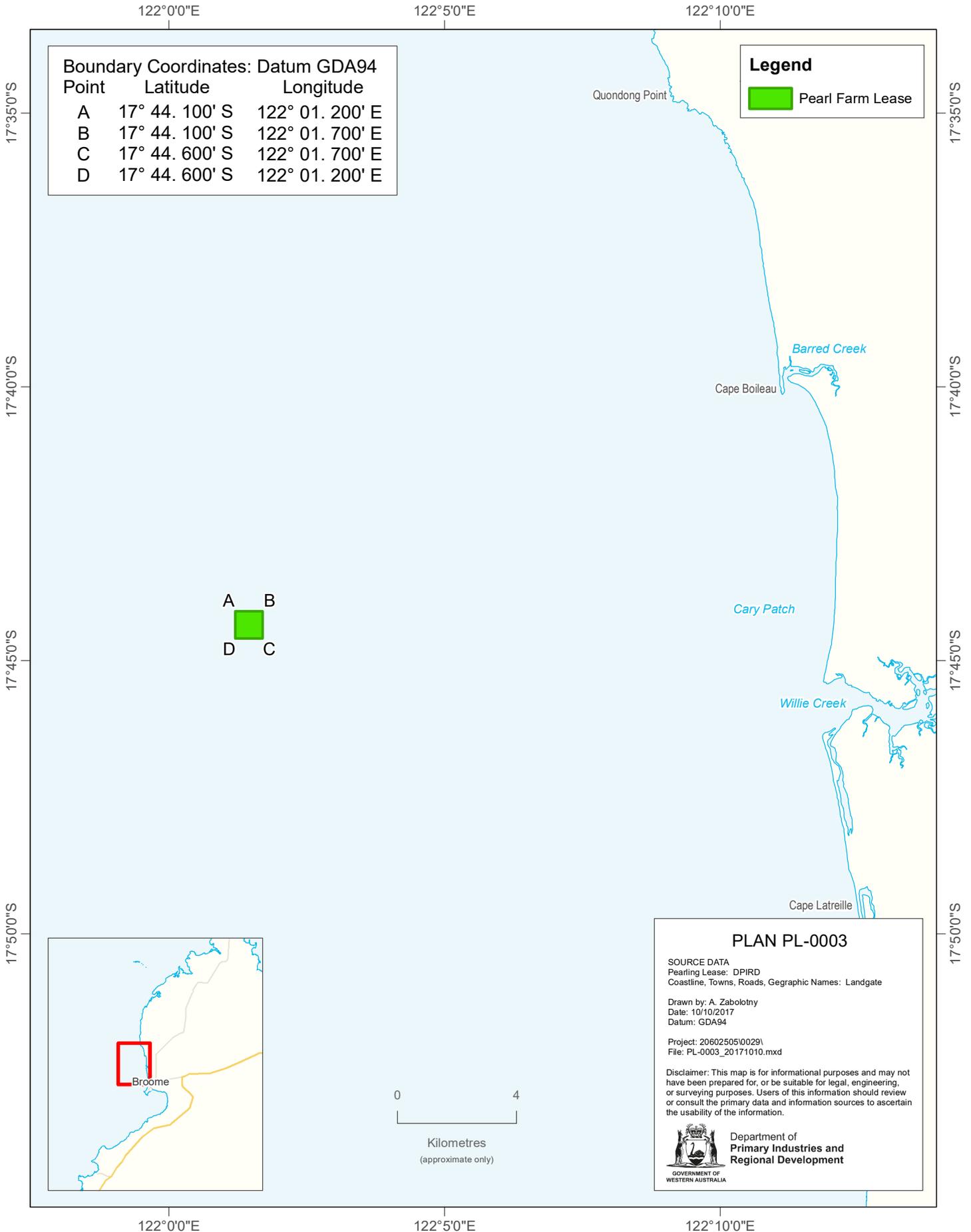


Image 3:



WEST CARY PATCH (TRIAL SITE) CYGNET BAY CONSOLIDATED PTY LTD PEARL FARM LEASE - 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 OR 81.473 HECTARES

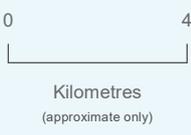
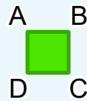


Boundary Coordinates: Datum GDA94

Point	Latitude	Longitude
A	17° 44. 100' S	122° 01. 200' E
B	17° 44. 100' S	122° 01. 700' E
C	17° 44. 600' S	122° 01. 700' E
D	17° 44. 600' S	122° 01. 200' E

Legend

Pearl Farm Lease



PLAN PL-0003

SOURCE DATA
 Pearling Lease: DPIRD
 Coastline, Towns, Roads, Geographic Names: Landgate

Drawn by: A. Zabolotny
 Date: 10/10/2017
 Datum: GDA94

Project: 20602505\0029\
 File: PL-0003_20171010.mxd

Disclaimer: This map is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.


**Department of
Primary Industries and
Regional Development**
GOVERNMENT OF
WESTERN AUSTRALIA