

APPENDIX A

Database Search Results



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 24/02/14 19:20:15

[Summary](#)

[Details](#)

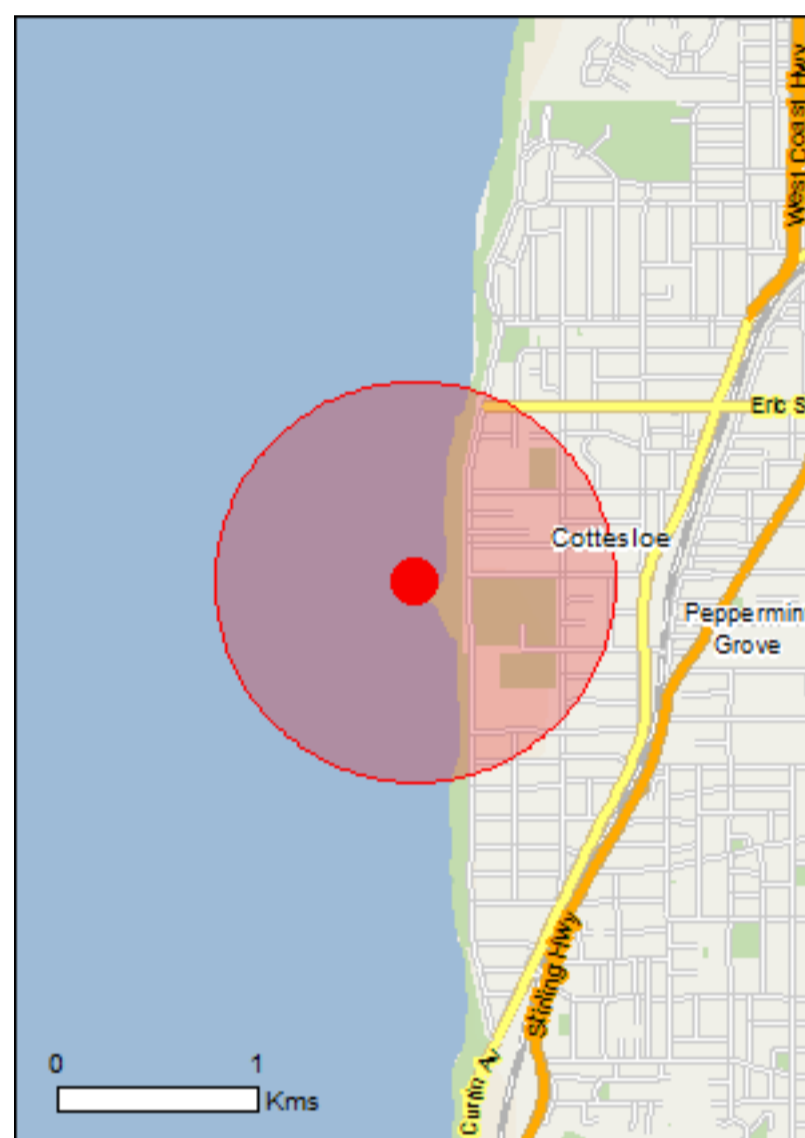
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

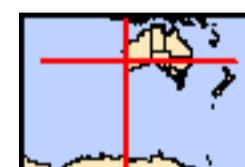
[Acknowledgements](#)



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[Coordinates](#)

[Buffer: 1.0Km](#)



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Areas:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	36
Listed Migratory Species:	36

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As [heritage values](#) of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place and the heritage values of a place on the Register of the National Estate.

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	57
Whales and Other Cetaceans:	13
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Commonwealth Reserves Marine	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

Place on the RNE:	17
State and Territory Reserves:	None
Regional Forest Agreements:	None
Invasive Species:	40
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo [67034]	Vulnerable	Species or species habitat may occur within area
Calyptorhynchus latirostris Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat likely to occur within area
Diomedea epomophora epomophora Southern Royal Albatross [25996]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea epomophora sanfordi Northern Royal Albatross [82331]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans amsterdamensis Amsterdam Albatross [82330]	Endangered	Species or species habitat may occur within area
Diomedea exulans exulans Tristan Albatross [82337]	Endangered	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Name	Status	Type of Presence
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat known to occur within area
Thalassarche cauta cauta Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta steadi White-capped Albatross [82344]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris impavida Campbell Albatross [82449]	Vulnerable	Species or species habitat may occur within area
Mammals		
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Breeding known to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Congregation or aggregation known to occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Pseudocheirus occidentalis Western Ringtail Possum, Ngwayir [25911]	Vulnerable	Species or species habitat may occur within area
Setonix brachyurus Quokka [229]	Vulnerable	Species or species habitat may occur within area
Plants		
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat likely to occur within area
Centrolepis caespitosa [6393]	Endangered	Species or species habitat may occur within area

Name	Status	Type of Presence
Diuris micrantha Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat may occur within area
Drakaea elastica Glossy-leafed Hammer-orchid, Praying Virgin [16753]	Endangered	Species or species habitat likely to occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
Sharks		
Carcharias taurus (west coast population) Grey Nurse Shark (west coast population) [68752]	Vulnerable	Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Listed Migratory Species [Resource Information]		
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea epomophora (sensu stricto) Southern Royal Albatross [1072]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered*	Foraging, feeding or related behaviour likely to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area

Name	Threatened	Type of Presence
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Sterna anaethetus Bridled Tern [814]		Foraging, feeding or related behaviour likely to occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross [64459]	Vulnerable*	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Migratory Marine Species		
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat may occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Breeding known to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Congregation or aggregation known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Migratory Terrestrial Species		
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Migratory Wetlands Species		
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat likely to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Birds		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat likely to occur within area

Name	Threatened	Type of Presence
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea epomophora (sensu stricto) Southern Royal Albatross [1072]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered*	Foraging, feeding or related behaviour likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Larus pacificus Pacific Gull [811]		Foraging, feeding or related behaviour may occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Puffinus assimilis Little Shearwater [59363]		Foraging, feeding or related behaviour known to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat may occur within area
Sterna anaethetus Bridled Tern [814]		Foraging, feeding or related behaviour likely to occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area

Name	Threatened	Type of Presence
Thalassarche impavida Campbell Albatross [64459]	Vulnerable*	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Fish		
Acentronura australe Southern Pygmy Pipehorse [66185]		Species or species habitat may occur within area
Campichthys galei Gale's Pipefish [66191]		Species or species habitat may occur within area
Heraldia nocturna Upside-down Pipefish, Eastern Upside-down Pipefish, Eastern Upside-down Pipefish [66227]		Species or species habitat may occur within area
Hippocampus angustus Western Spiny Seahorse, Narrow-bellied Seahorse [66234]		Species or species habitat may occur within area
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area
Hippocampus subelongatus West Australian Seahorse [66722]		Species or species habitat may occur within area
Histiogamphelus cristatus Rhino Pipefish, Macleay's Crested Pipefish, Ring-back Pipefish [66243]		Species or species habitat may occur within area
Lissocampus caudalis Australian Smooth Pipefish, Smooth Pipefish [66249]		Species or species habitat may occur within area
Lissocampus fatiloquus Prophet's Pipefish [66250]		Species or species habitat may occur within area
Lissocampus runa Javelin Pipefish [66251]		Species or species habitat may occur within area
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area
Mitotichthys meraculus Western Crested Pipefish [66259]		Species or species habitat may occur within area
Nannocampus subosseus Bonyhead Pipefish, Bony-headed Pipefish [66264]		Species or species habitat may occur within area
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area
Stigmatopora argus Spotted Pipefish, Gulf Pipefish [66276]		Species or species habitat may occur within area
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Vanacampus phillipi Port Phillip Pipefish [66284]		Species or species habitat may occur within area
Vanacampus poecilolaemus Longsnout Pipefish, Australian Long-snout Pipefish, Long-snouted Pipefish [66285]		Species or species habitat may occur within area
Mammals		
Arctocephalus forsteri New Zealand Fur-seal [20]		Species or species habitat may occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Reptiles		
Aipysurus pooleorum Shark Bay Seasnake [66061]		Species or species habitat may occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
Disteira kingii Spectacled Seasnake [1123]		Species or species habitat may occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
Pelamis platurus Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area
Whales and other Cetaceans		
[Resource Information]		
Name	Status	Type of Presence

Name	Status	Type of Presence
Mammals		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Breeding known to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Congregation or aggregation known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area

Extra Information

Places on the RNE [[Resource Information](#)]

Note that not all Indigenous sites may be listed.

Name	State	Status
Historic		
Cottesloe Civic Centre	WA	Indicative Place
Forrest Street Group	WA	Indicative Place
House	WA	Indicative Place
House	WA	Indicative Place
House	WA	Indicative Place
House	WA	Indicative Place

Name	State	Status
Ithaca	WA	Indicative Place
Kulahea	WA	Indicative Place
Norfolk Island Pines	WA	Indicative Place
Oceania	WA	Indicative Place
Barsdens House	WA	Registered
Belevedere	WA	Registered
Burts Summer Residence	WA	Registered
Laxey Glen	WA	Registered
Le Fanu House	WA	Registered
Macaulay House	WA	Registered
Pine Lodge	WA	Registered

Invasive Species [\[Resource Information \]](#)

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
Birds		
Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Carduelis carduelis European Goldfinch [403]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Turdus merula Common Blackbird, Eurasian Blackbird [596]		Species or species habitat likely to occur within area
Mammals		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species

Name	Status	Type of Presence
Felis catus Cat, House Cat, Domestic Cat [19]		habitat likely to occur within area
Funambulus pennantii Northern Palm Squirrel, Five-striped Palm Squirrel [129]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus norvegicus Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Anredera cordifolia Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]		Species or species habitat likely to occur within area
Asparagus aethiopicus Asparagus Fern, Ground Asparagus, Basket Fern, Sprengi's Fern, Bushy Asparagus, Emerald Asparagus [62425]		Species or species habitat likely to occur within area
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Asparagus plumosus Climbing Asparagus-fern [48993]		Species or species habitat likely to occur within area
Brachiaria mutica Para Grass [5879]		Species or species habitat may occur within area
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
Chrysanthemoides monilifera subsp. monilifera Boneseed [16905]		Species or species habitat likely to occur within area
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
Lycium ferocissimum African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
Olea europaea Olive, Common Olive [9160]		Species or species habitat may occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
Protasparagus plumosus Climbing Asparagus-fern, Ferny Asparagus [11747]		Species or species habitat likely to occur within area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Sagittaria platyphylla Delta Arrowhead, Arrowhead, Slender Arrowhead [68483]		Species or species habitat likely to occur within area
Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area
Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Tamarix aphylla Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018]		Species or species habitat likely to occur within area
Reptiles		
Hemidactylus frenatus Asian House Gecko [1708]		Species or species habitat likely to occur within area
Ramphotyphlops braminus Flowerpot Blind Snake, Brahminy Blind Snake, Cacing Besi [1258]		Species or species habitat likely to occur within area

Coordinates

-31.99639 115.74956

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World Heritage and Register of National Estate properties, Wetlands of International Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Department of Environment, Climate Change and Water, New South Wales](#)
- [-Department of Sustainability and Environment, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment and Natural Resources, South Australia](#)
- [-Parks and Wildlife Service NT, NT Dept of Natural Resources, Environment and the Arts](#)
- [-Environmental and Resource Management, Queensland](#)
- [-Department of Environment and Conservation, Western Australia](#)
- [-Department of the Environment, Climate Change, Energy and Water](#)
- [-Birds Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-SA Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Atherton and Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence](#)
- [-State Forests of NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

NatureMap Species Report

Created By Guest user on 07/03/2014

Current Names Only Yes
 Core Datasets Only Yes
 Method 'By Circle'
 Centre 115°44' 57" E,31°59' 47" S
 Buffer 1km
 Group By Species Group

Species Group	Species	Records
Alga	7	9
Bird	74	358
Dicotyledon	18	20
Fish	2	3
Gymnosperm	1	1
Invertebrate	2	8
Mammal	2	2
Monocotyledon	3	3
Reptile	9	38
TOTAL	118	442

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Alga				
1.	26525 <i>Bryopsis plumosa</i>			
2.	26665 <i>Claviconium ovatum</i>			
3.	26675 <i>Codium laminarioides</i>			
4.	26678 <i>Codium muelleri</i>			
5.	26850 <i>Gelinaria ulvoidea</i>			
6.	27107 <i>Osmundaria prolifera</i>			
7.	27351 <i>Ulva fasciata</i>			
Bird				
8.	24560 <i>Acanthorhynchus superciliosus</i> (Western Spinebill)			
9.	24281 <i>Accipiter cirrocephalus</i> subsp. <i>cirrocephalus</i> (Collared Sparrowhawk)			
10.	24506 <i>Anous tenuirostris</i> subsp. <i>melanops</i> (Australian Lesser Noddy)		T	
11.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
12.	24562 <i>Anthochaera lunulata</i> (Western Little Wattlebird)			
13.	25714 <i>Cacatua pastinator</i> (Western Long-billed Corella)			
14.	24729 <i>Cacatua tenuirostris</i> (Eastern Long-billed Corella)	Y		
15.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo (short-billed black-cockatoo), Carnaby's Cockatoo)		T	
16.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
17.	24399 <i>Columba livia</i> (Domestic Pigeon)	Y		
18.	25592 <i>Corvus coronoides</i> (Australian Raven)			
19.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
20.	24422 <i>Cracticus tibicen</i> subsp. <i>dorsalis</i> (White-backed Magpie)			
21.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
22.	30901 <i>Dacelo novaeguineae</i> (Laughing Kookaburra)	Y		
23.	24687 <i>Daption capense</i> (Cape Petrel)			
24.	30908 <i>Diomedea chlororhynchus</i> (Yellow-nosed Albatross)		T	
25.	30907 <i>Diomedea chlororhynchus</i> subsp. <i>carteri</i> (Indian Yellow-nosed Albatross)		T	
26.	24468 <i>Diomedea chrysostoma</i> (Grey-headed Albatross)		T	
27.	24469 <i>Diomedea melanophris</i> subsp. <i>melanophris</i> (Black-browed Albatross)		T	
28.	24570 <i>Epthianura tricolor</i> (Crimson Chat)			
29.	24814 <i>Eudyptes chrysocome</i> subsp. <i>moseleyi</i> (Rockhopper Penguin)			
30.	24471 <i>Falco berigora</i> subsp. <i>berigora</i> (Brown Falcon)			
31.	25622 <i>Falco cenchroides</i> (Australian Kestrel)			
32.	24474 <i>Falco longipennis</i> subsp. <i>longipennis</i> (Australian Hobby)			
33.	24688 <i>Fulmarus glacialis</i> (Southern Fulmar)			
34.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
35.	24689 <i>Halobaena caerulea</i> (Blue Petrel)			
36.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
37.	24348 <i>Ixobrychus minutus</i> subsp. <i>dubius</i> (Australian Little Bittern)		P4	

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
38.	24367 <i>Lalage tricolor</i> (White-winged Triller)			
39.	24511 <i>Larus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Silver Gull)			
40.	25638 <i>Larus pacificus</i> (Pacific Gull)			
41.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
42.	24690 <i>Macronectes giganteus</i> (Southern Giant Petrel)		P4	
43.	24736 <i>Melopsittacus undulatus</i> (Budgerigar)			
44.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)		IA	
45.	24350 <i>Nycticorax caledonicus</i> subsp. <i>hilli</i> (Rufous Night Heron)			
46.	24495 <i>Oceanites marinus</i> subsp. <i>dulciae</i> (White-faced Storm Petrel)			
47.	24497 <i>Oceanites oceanicus</i> (Wilson's Storm Petrel)		IA	
48.	24624 <i>Pachycephala rufiventris</i> subsp. <i>rufiventris</i> (Rufous Whistler)			
49.	24692 <i>Pachyptila belcheri</i> (Slender-billed Prion)			
50.	24693 <i>Pachyptila desolata</i> (Antarctic Prion)			
51.	25707 <i>Pachyptila salvini</i> (Salvin's Prion)			
52.	24696 <i>Pachyptila turtur</i> (Fairy Prion)			
53.	24697 <i>Pachyptila vittata</i> (Broad-billed Prion)			
54.	24626 <i>Pardalotus punctatus</i> subsp. <i>xanthopyge</i> (Yellow-rumped Pardalote)			
55.	24660 <i>Petroica multicolor</i> subsp. <i>campbelli</i> (Scarlet Robin)			
56.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
57.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
58.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			
59.	24668 <i>Phalacrocorax varius</i> subsp. <i>hypoleucos</i> (Pied Cormorant)			
60.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
61.	24747 <i>Platycercus spurius</i> (Red-capped Parrot)			
62.	24702 <i>Pterodroma brevirostris</i> (Kerguelen Petrel)			
63.	24703 <i>Pterodroma lessonii</i> (White-headed Petrel)			
64.	25710 <i>Pterodroma macroptera</i> (Great-winged Petrel)			
65.	-13798 <i>Pterodroma macroptera</i> subsp. <i>macroptera</i>			
66.	25711 <i>Pterodroma mollis</i> (Soft-plumaged Petrel)			
67.	25712 <i>Puffinus assimilis</i> (Little Shearwater)			
68.	24711 <i>Puffinus assimilis</i> subsp. <i>assimilis</i> (Little Shearwater)			
69.	24712 <i>Puffinus carneipes</i> (Fleshy-footed Shearwater)		IA	
70.	24715 <i>Puffinus huttoni</i> (Hutton's Shearwater)		T	
71.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
72.	24520 <i>Sterna anaethetus</i> subsp. <i>anaethetus</i> (Bridled Tern)			
73.	24522 <i>Sterna bergii</i> (Crested Tern)			
74.	24525 <i>Sterna fuscata</i> subsp. <i>nubilosa</i> (Sooty Tern)			
75.	25589 <i>Streptopelia chinensis</i> (Spotted Turtle-Dove)	Y		
76.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
77.	34134 <i>Thalassarche carteri</i> (Indian Yellow-nosed Albatross)		T	
78.	34136 <i>Thalassarche chrysostoma</i> (Grey-headed Albatross)		T	
79.	25723 <i>Trichoglossus haematodus</i> (Rainbow Lorikeet)			
80.	24754 <i>Trichoglossus haematodus</i> subsp. <i>rubitorquis</i> (Red-collared Lorikeet)			
81.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			

Dicotyledon

82.	15481 <i>Acacia pulchella</i> var. <i>glaberrima</i>			
83.	3525 <i>Acacia rostellifera</i> (Summer-scented Wattle)			
84.	18541 <i>Diplopeltis huegelii</i> subsp. <i>huegelii</i>			
85.	17175 <i>Eremophila glabra</i> subsp. <i>albicans</i>			
86.	5209 <i>Frankenia pauciflora</i> (Seaheath)			
87.	1982 <i>Grevillea crithmifolia</i>			
88.	2216 <i>Hakea varia</i> (Variable-leaved Hakea)			
89.	3961 <i>Hardenbergia comptoniana</i> (Native Wisteria)			
90.	2352 <i>Leptomeria preissiana</i>			
91.	13271 <i>Melaleuca huegelii</i> subsp. <i>huegelii</i>			
92.	18598 <i>Melaleuca systema</i>			
93.	7291 <i>Myoporum insulare</i> (Blueberry Tree, boobialla)			
94.	8127 <i>Olearia axillaris</i> (Coastal Daisybush)			
95.	8149 <i>Olearia rudis</i> (Rough Daisybush)			
96.	42024 <i>Olearia</i> sp. Kennedy Range (G. Byrne 66)			
97.	7606 <i>Scaevola crassifolia</i> (Thick-leaved Fan-flower)			
98.	20161 <i>Senecio pinnatifolius</i>			
99.	4828 <i>Spyridium globulosum</i> (Basket Bush)			

Fish

100.	-15452 <i>Nomeus gronovii</i>			
101.	-16995 <i>Rhycherus gloveri</i>			

Gymnosperm

102.	96 <i>Callitris preissii</i> (Rottnest Island Pine, Maro)			
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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Invertebrate				
103.	-12511 <i>Pycnothea flynni</i>			
104.	-11701 <i>Urodacus novaehollandiae</i>			
Mammal				
105.	24043 <i>Eubalaena australis</i> (Southern Right Whale)		T	
106.	24211 <i>Hydrurga leptonyx</i> (Leopard Seal)			
Monocotyledon				
107.	1208 <i>Acanthocarpus preissii</i>			
108.	1231 <i>Lomandra maritima</i>			
109.	1361 <i>Tricoryne elatior</i> (Yellow Autumn Lily)			
Reptile				
110.	42381 <i>Brachyuropis semifasciatus</i> (Southern Shovel-nosed Snake)			
111.	25335 <i>Caretta caretta</i> (Loggerhead Turtle)		T	
112.	25039 <i>Ctenotus fallens</i>			
113.	25119 <i>Hemiergis quadrilineata</i>			
114.	25366 <i>Hydrophis elegans</i> (Elegant Seasnake, Bar-bellied Seasnake)			
115.	42410 <i>Hydrophis ornatus</i>			
116.	43384 <i>Hydrophis platurus</i> (Yellow-bellied Seasnake)			
117.	24942 <i>Strophurus spinigerus</i> subsp. <i>spinigerus</i>			
118.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			

Conservation Codes

- T - Rare or likely to become extinct
- X - Presumed extinct
- IA - Protected under international agreement
- S - Other specially protected fauna
- 1 - Priority 1
- 2 - Priority 2
- 3 - Priority 3
- 4 - Priority 4
- 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.

APPENDIX B

Consultation – Letters of Support



Government of **Western Australia**
Department of **Mines and Petroleum**

Your ref: 692-2012; Job No. 122864
Our ref: A2184/201501, FNA 12640
Enquiries: Samantha Carter – Ph. 9222 3721,
E-mail: Samantha.carter@dmp.wa.gov.au

Director General
Lands Division
Department of Lands
Level 2, 140 William Street
PERTH WA 6000

**PROPOSED RESTAURANT AND UNDERWATER OBSERVATORY –
COTTESLOE**

I refer to your letter dated 30 October 2015 requesting approval pursuant to section 16(3) of the *Mining Act 1978*, regarding the above proposal to issue a new lease for the purpose of 'Restaurant and Underwater Observatory' with the preference for a 99 year term.

This proposal affects no mining tenement, geothermal title or petroleum title and raises no access concerns regarding mineral or petroleum resources, geothermal energy or basic raw materials.

The Department of Mines and Petroleum lodges no objections and the necessary approvals under section 16(3) of *The Mining Act 1978* have been given for the above proposal as represented as FNA12640 in Tengraph.

Kind Regards

Samantha Carter

Samantha Carter | Acting Project Officer
Legislation and Compliance, Mineral Titles
11 December 2015

Shirley Scanlan

From: Appleby, Iain <Iain.Appleby@transport.wa.gov.au>
Sent: Thursday, 3 December 2015 1:32 PM
To: General at Scanlan Architects
Cc: Baird, Martin; Mather, Chris J (Essex St); Ilich, Karl; Chew, MeiKuen
Subject: Proposed Cafe and Underwater Observatory - Department of Transport comments

ATTN: Laurie Scanlan

Hi Laurie

Following a review of the information provided in the report "Cottesloe Pier Preliminary Environmental Impact Assessment - Report by 360" and correspondence dated 31 August 2015 re the above proposal, Department of Transport Maritime have no in principle objection to the proposal proceeding.

We would appreciate being kept updated with the progress of this proposal via email at the following email address:

Navigational.safety@transport.wa.gov.au

Any queries please contact me.

regards

Iain Appleby
Senior Planning Project Officer | Coastal Infrastructure | Department of Transport
1 Essex Street, Fremantle WA 6160
Tel: (08) 94357532 Fax: (08) 94357812 Mob: 0457532306
Email: Iain.Appleby@transport.wa.gov.au | Web: www.transport.wa.gov.au



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tourism.wa.gov.au

Dear Laurie

COTTESLOE PIER – UNDERWATER OBSERVATORY

I refer to your correspondence dated February 11, 2013 seeking a letter of support to assist in your application to the Town of Cottesloe to establish the Cottesloe Pier restaurant and underwater observatory.

It is understood that the proposal seeks to establish a facility which provides a variety of experiences including pier with fishing alcove, shark look out, for use by the Cottesloe Surf Life Saving Club, restaurant and underwater observatory. The proposed venue has the potential to expand on the experiences currently provided in Cottesloe and therefore is supported in principle by Tourism WA.

As you may be aware, Tourism Western Australia has identified the Cottesloe Beach redevelopment as one of the State's top tourism development priorities and will be working with other government agencies to ensure tourism outcomes are achieved. The Cottesloe Pier and associated facilities could assist in growing the tourism appeal to the Cottesloe Beach Precinct by enhancing the experiences and activities currently available, whilst assisting to create a memorable and positive impression of the iconic beach destination.

Cottesloe is one of Western Australia's most visited iconic beach destinations, attracting some 53,300 day visitors each year. As a major tourism and events destination the development of quality and diverse activities that complement the existing natural amenity of Cottesloe and support its reputation as an iconic tourist destination are key objectives for the future growth of Cottesloe Beach.

I wish you all the best with your project. Should you have any enquiries please do not hesitate to contact Laura Ashcroft A/Project Manager on 9262 1788.

Yours sincerely

A handwritten signature in blue ink that reads "Derryn Belford".

DERRYN BELFORD
A/Executive Director Infrastructure & Development

28 February 2013





Mr Laurie Scanlan
Laurie J Scanlon and Associates
79 King Street
Perth W.A.
6000

Dear Laurie

Support for the Cottesloe Pier – Underwater Observatory project

Thank you taking the time to detail your proposal and for providing drawings showing the intent of the development.

Recfishwest would like to offer its formal support for this project. We were specifically impressed with the level of thought for the recreational fishing community that had been included in your proposal.

The creation of a dedicated access pier that could facilitate fishing was especially pleasing to see. A piece of infrastructure such as this would be extremely helpful to recreational fishers who are unable to fish from the rocks on the groyne. An area on the access pier that could facilitate fishing is also seen as a major boost to recreational fishing in this area.

Recfishwest acknowledges that the addition of structure in the water would act to attract fish to the area and are excited about the educational opportunities that an underwater observatory will bring. A small reef structure just outside the line of piles would also be seen as a welcome addition to this project as it would no doubt enhance the recreational fishing experience.

Recfishwest has identified access rights for the recreational fishing sector as a very important issue for the recreational fishing sector and are pleased that your proposal will improve and enhance the recreational fishing experience for families visiting the Cottesloe area.

Once again I reiterate that Recfishwest support this proposal and due to the value of this area to the recreational sector, we would like to be kept updated on this projects progress.

If you require any further information, please do not hesitate to contact me directly at our office on (08) 9246 3366.

Yours sincerely

Andrew Rowland
Chief Executive Officer
25 February 2013



360

environmental



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● people ● planet ● professional