

Schedule 2: Management areas

2.1 Coastal Protection Areas

The coastal protection area includes those areas below the line of mean high water springs that are considered to be of regional, national or international importance in terms of their ecological and scenic values, and including those areas having spiritual or cultural significance. All estuarine areas along Otago's coast have been included in the coastal protection area because they are particularly valuable in terms of biological productivity. Kai Tahu, in accordance with tikanga Maori, have also identified areas that contain important cultural or spiritual values which the plan provides recognition for.

In considering applications for activities within or adjacent to any coastal protection area, priority will be given to avoiding adverse effects on values associated with the area.

Areas		Values within the Coastal Marine Area
CPA 1	Oamaru Harbour Breakwater	Historic values; NZHP Register Number 4882. NZMS 260 J41: 510649 to 510644
CPA 2	Moeraki Beach	Kai Tahu cultural and spiritual values. The spherical mudstone boulders which can take millions of years to form are an internationally important landform. NZMS 260 J42: 394388 to 405364
CPA 3	Moeraki Peninsula	Kai Tahu cultural and spiritual values. The coastal rocky platforms of subcalcic augite at Tawhiroko Point are considered internationally significant. The golden coloured gravel beaches are nationally important. NZMS 260 J42: 420369 to 421329
CPA 4	Shag Point & Shag River Estuary	Kai Tahu cultural and spiritual values. Extensive subtidal reef system with luxuriant bladder kelp. There are mudstone wave cut platforms containing fossils, and very good examples of spherical boulders (Katiki concretions). Estuarine values, which include large mudflats used for feeding birds which are roosting or stopping over. It is an important whitebait spawning area, and is a habitat for lamprey. The spit is an occasional haul out location for Hookers sea-lions and elephant seals NZMS 260 J43: 387254 to 395230
CPA 5	Stony Creek Estuary	Kai Tahu cultural and spiritual values. Estuarine values.
CPA 6	Pleasant River Estuary	Kai Tahu cultural and spiritual values. Estuarine values.
CPA 7	Hawksbury Inlet	Kai Tahu cultural and spiritual values. Estuarine values which include a habitat for a large number of wading birds and water fowl.
CPA 8	Waikouaiti River Estuary	Kai Tahu cultural and spiritual values. Estuarine values. The estuary is important for coastal birds such as the eastern bar-tailed godwit and oystercatchers.
CPA 9	Karitane Headland	Kai Tahu cultural and spiritual values. NZMS 260 I43: 277049 to 277046
CPA 10	Puketeraki	Kai Tahu cultural and spiritual values. NZMS 260 I43: 270037 to 270028
CPA 11	Blueskin Bay	Kai Tahu cultural and spiritual values. Estuarine values which include an important feeding area for wetland birds and nursery for flatfish. The tidal flats are classified as an extremely well defined landform of international significance. The inlet is a significant habitat for shellfish such as cockles.
CPA 12	Orokonui Inlet	Kai Tahu cultural and spiritual values. Estuarine values which include feeding ground for wetland birds.

Areas	Values within the Coastal Marine Area
CPA 13 Mapoutahi	Kai Tahu cultural and spiritual values. NZMS 260 I,J44: 240943 to 253936
CPA 14 Purakanui Inlet	Kai Tahu cultural and spiritual values. Estuarine values.
CPA 15 Aramoana	Kai Tahu cultural and spiritual values. Estuarine values which include a large area of saltmarsh and sand which is used by wading and migratory birds, such as the Siberian wader and the Caspian tern. The area has a wide variety of species. The area provides a breeding nursery for endemic fish species. Hookers sea-lion haul-out on the sandy beaches at Aramoana. NZMS 260 I,J44: 323887 to 287884
CPA 16 Otago Harbour Historic Walls	Historic values; Otago Harbour Rock Walls, NZHP Register Number 4726. Along Portobello Road between NZMS I,J44:173764 and 328891. Along the road and railway between NZMS I,J44: 182789 to 254851. Along Aramoana Road between NZMS I,J44: 252862 to 294889. Note: The rock walling is not a continuous feature along the listed roads.
CPA 17 Otakou & Taiaroa Head	Kai Tahu cultural and spiritual values. Estuarine values which include a wading area for migratory birds. The intertidal flats are a significant cockle habitat. There are eelgrass beds in parts of this area. Historic values; midden, NZHP Register Number 5682 Otago Harbour Rock Walls along Portobello Road, NZHP Register Number 4726. NZMS 260 I,J44: 333901 to 287856
CPA 18 Pipikaretu Point	Kai Tahu cultural and spiritual values. NZMS 260 I,J44: 347868 to 348865
CPA 19 Te Whakarekaiwi	Kai Tahu cultural and spiritual values. NZMS 260 I,J44: 345858 to 345855
CPA 20 Papanui Inlet	Kai Tahu cultural and spiritual values. Estuarine values such as important habitat for birds such as the eastern bar-tailed godwit and white-faced heron. The inlet is an important nursery for flatfish and has a significant population of cockles. Historic values; wreck of the Victory, NZHP Register Number 5712, and a midden, NZHP Register Number 5721.
CPA 21 Hoopers Inlet	Kai Tahu cultural and spiritual values. Estuarine values such as habitat for birds such as the banded dotterel and pied stilt. The inlet is an important nursery for flatfish.
CPA 22 Kaikorai Estuary	Kai Tahu cultural and spiritual values. Estuarine values such as a diversity of species and communities which support a diverse bird population. Up to 50 bird species have been identified in the estuary. There is a wide variety of estuarine plants such as tall rushland and saltmarsh ribbonwood. Juvenile rearing area for whitebait and breeding area for yellow belly flounder.
CPA 23 Brighton	Historic values; midden & work floor, NZHP Register Number 5677. NZMS 260 I45: 035702 to 033698
CPA 24 Akatore Creek Estuary	Kai Tahu cultural and spiritual values. Estuarine values such as a nationally significant wildlife area for waterfowl, waders and fernbirds, and whitebait can be found in the estuary.
CPA 25 Tokomairiro Estuary	Kai Tahu cultural and spiritual values. Estuarine values.
CPA 26 Wangaloa	Kai Tahu cultural and spiritual values. NZMS 260 H46: 765330 to 728298
CPA 27 Clutha River/Mata-Au, Matau Branch	Kai Tahu cultural and spiritual values.
CPA 28 Nugget Point	Kai Tahu cultural and spiritual values. Diverse range of physical and biological features which include exposed and semi-sheltered habitats. NZMS 260 H46: 636143 to 622106
CPA 29 Surat Bay	Kai Tahu cultural and spiritual values. NZMS 260 H47: 599097 to 601091

SCHEDULE 2

Areas	Values within the Coastal Marine Area
CPA 30 Catlins Lake Estuary	Kai Tahu cultural and spiritual values. A largely unmodified estuary with minimal development of the main feeder river. A large wetland is located at the head of the estuary which is an important habitat for waterfowl and for fish breeding. The estuary is an important habitat for marine and freshwater fish such as giant bully, black flounder, brown trout, eels and shellfish.
CPA 31 Jacks Bay	Historic values; middens, NZHP Register Numbers 5650, 5651 and 5652. NZMS 260 H47: 572076 to 572070
CPA 32 Waiheke Beach	Kai Tahu cultural and spiritual values. NZMS 260 G47: 461995 to 470993
CPA 33 Tahakopa Estuary	Kai Tahu cultural and spiritual values. The estuary is considered pristine and has outstanding biological significance. The estuary presently supports the regionally threatened South Island fernbird and lamprey (<i>Geotria australis</i>).
CPA 34 Oyster Bay	Kai Tahu cultural and spiritual values. NZMS 260 G47: 381975 to 387972
CPA 35 Tautuku Estuary	Kai Tahu cultural and spiritual values. Pristine saltmarsh and estuarine communities. It is an important breeding ground for black and yellow-belly flounder. It also provides an important habitat for regionally threatened fernbirds.
CPA 36 Waipati Estuary & Kinakina Island	Kai Tahu cultural and spiritual values. It is an almost pristine estuary with estuarine values such as saltmarsh communities with outstanding biological communities NZMS 260 G47: 313932 to 312917

2.2 Coastal Development Areas

There are a number of developed areas within Otago's coastal marine area. These areas are characterised by having a mixture of structures, facilities and associated infrastructure required by the recreational and commercial activities occurring in those areas.

In considering applications for activities within or adjacent to coastal development areas, the values identified within those areas will be recognised and regard will be given to the need to provide for those values, as appropriate.

Areas	Values within the Coastal Marine Area
CDA 1 Oamaru Harbour	Historical harbour Breakwaters Fishing facilities Recreational facilities
CDA 2 Moeraki	Fishing facilities Recreational facilities Moorings
CDA 3 Karitane	Fishing facilities Recreational facilities Moorings
CDA 4 Otago Harbour	Commercial port facilities Fishing facilities Recreational facilities Navigational aids Navigational channels Groynes The Mole
CDA 5 Taieri Mouth	Fishing facilities Recreational facilities

2.3 Coastal Recreation Areas

There are parts of Otago which are regularly used for various recreational purposes. The locations listed in this schedule are the regionally important locations. These locations are significant because of their proximity to the region's main population centres or are natural coastal features which provide recreational opportunities.

In considering applications for activities within or adjacent to any coastal recreation area priority will be given to avoiding adverse effects on the recreation value associated with the area.

Areas	Main recreational uses
CRA 1 Awamoa Creek Beach	Swimming, walking and surfing. NZMS 260, J41 & J42: 493624 to 474605
CRA 2 Kakanui Beach	Swimming, walking, fishing, scuba diving, snorkelling, and boating. NZMS 260, J42: 410364 to 422330
CRA 3 Moeraki Peninsula	Swimming, walking, surfing and fishing. NZMS 260, J42: 455562 to 451553
CRA 4 Waikouaiti Beach	Swimming, walking and surfing. NZMS 260, I43: 297082 to 276048
CRA 5 Warrington Beach	Patrolled swimming beach, walking and surfing. NZMS 260, I, J44: 233970 to 231955
CRA 6 Purakanui Inlet	Swimming, walking, surfing, fishing and boating. NZMS 260, I, J44: 244940 to 253936
CRA 7 Potato Point & Long Beach	Swimming, walking, surfing, fishing, scuba diving and snorkelling. NZMS 260, I, J44: 259939 to 278915

Areas	Main recreational uses
CRA 8 Spit Beach	Swimming, walking and surfing. NZMS 260, I, J44: 305915 to 324891
CRA 9 Otago Harbour	Boating, fishing and walking. NZMS 260, I, J44: 324891 to 328891
CRA 10 Careys Bay	Boating, fishing and walking. NZMS 260, I, J44: 255866 to 251862
CRA 11 St Clair Beach to St Kilda Beach	Patrolled swimming beaches, walking and surfing. NZMS 260, I, J44: 183748 to 150742
CRA 12 Seconds Beach	Swimming, walking and surfing. NZMS 260, I, J44: 149740 to 149738
CRA 13 Brighton Beach	Patrolled swimming beach, walking and surfing. NZMS 260, I45: 034701 to 023696
CRA 14 Kaka Point	Patrolled swimming beach, walking, surfing, and scuba diving and snorkelling. NZMS 260, H46: 625209 to 623190
CRA 15 Catlins Estuary	Boating, swimming, fishing and walking. NZMS 260, H47: 578093 to 578086
CRA 16 Tautuku Beach	Swimming and walking. NZMS 260, G47: 381975 to 361950

2.4 Coastal Harbourside Areas

In considering applications for activities within or adjacent to any coastal harbourside area, the values identified within those areas will be recognised and regard will be given to the need to provide for those values, as appropriate.

Area	Values and uses
CHSA 1 Steamer Basin	<ul style="list-style-type: none"> • High public amenity. • Historic heritage: includes the Fryatt Street Wharf and wharf sheds, Cross Wharf and where the former Otago Harbour Board building is located. • Continuous public access along the waterfront. • Boating, fishing and walking. • Interactions with indigenous wildlife. • Pontoons, breakwaters, wharves and jetties. • Sheltered water space. • Moorings. • Recreational facilities. • Tourism facilities. • Fishing facilities. • Commercial port facilities. • Water facilities well integrated with land facilities.

Key to the maps

Schedules 2.1, 2.2, 2.3, 2.4

Schedule 2.1 Coastal Protection Areas (CPA) are shown in *red*.

Schedule 2.2 Coastal Development Areas (CDA) are shown in *blue*.

Schedule 2.3 Coastal Recreation Areas (CRA) are shown in *green*.

Schedule 2.4 Coastal Harbourside Areas (CHSA) are shown in *yellow*.

Schedules 3.1, 3.2, 3.3

Schedule 3.1 Marine Mammal and Bird Sites (MMB) above MHWS are shown in *blue*.

Schedule 3.2 Outstanding Natural Features and Landscapes (ONFL) are shown in *red*.

Schedule 3.3 Coastal Hazard Areas (CHA) are shown in *green*.

The north point on all maps is at the top of each map, following the lines of longitude.