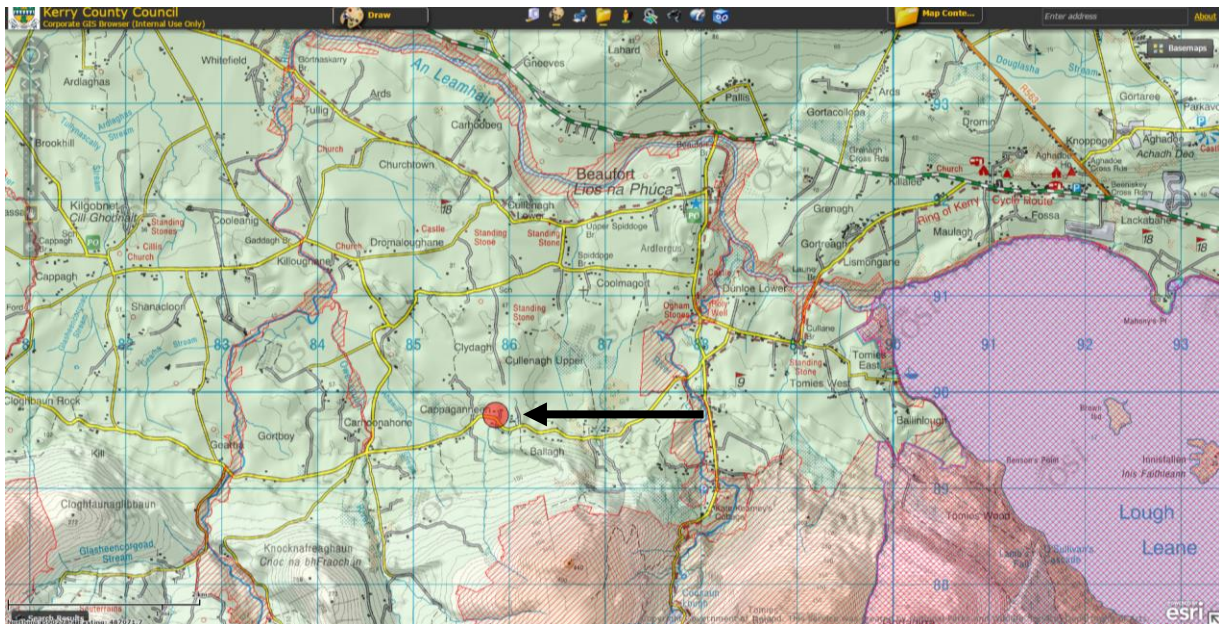


Appropriate Assessment Screening Report

Reference Number:	Capital Infrastructure Unit Proposal
Assessment undertaken by	Environmental Assessment Unit, Planning Dept
Description of development	1 No. Residential Unit at Cullenagh, Beaufort, Co Kerry
Is the proposed development directly connected with or necessary to the nature conservation management of a Natura 2000 site	No



Above: Location of proposed development relative to current Natura 2000 site designations in the vicinity

1. Proposed development site location relative to that of Natura 2000 Sites

<p>Description of the site location and geographical scope relative to Natura 2000 sites, having particular regard to Natura 2000 sites located within 15Km of the proposed site or within the same water catchment as the proposed site</p>	<p>This proposed development is located in Cullenagh Beaufort, Co Kerry. The site is located within the River Gaddagh Catchment, which discharges to the River Laune and ultimately to Castlemaine Harbour / Dingle Bay. All of those waterbodies are form part of the Castlemaine Harbour SAC, while the estuary also forms part of the Castlemaine Harbour SPA. The MacGillycuddy Reeks are located to the south. These form part of the Killarney National Park, MacGillycuddy Reeks and Caragh River Catchment SAC.</p> <p>Castlemaine Harbour SAC: Approx 1Km away Castlemaine Harbour SPA: Approx 11Km away Killarney National Park, MacGillycuddy Reeks and Caragh River Catchment SAC: Approx 1Km away</p> <p>Following a review of maps and hydrological data, no other Natura 2000 sites have been identified as being likely to be impacted by this proposal.</p>
<p>Qualifying interests of the Natura 2000 sites concerned (i.e. the habitats and species for which the sites are designated)</p>	<p>Full details on qualifying interests, selection species, special conservation interests and sites' conservation objectives are available at www.npws.ie. Key details considered to be of particular relevance to this current report are outlined below:-</p>

1. Proposed development site location relative to that of Natura 2000 Sites

and the sites' conservation objectives.

Castlemaine Harbour SPA (004029)

Objective: To maintain or restore the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA

- Red-throated Diver (*Gavia stellata*) [A001]
- Cormorant (*Phalacrocorax carbo*) [A017]
- Light-bellied Brent Goose (*Branta bernicla hrota*) [A046]
- Wigeon (*Anas penelope*) [A050]
- Mallard (*Anas platyrhynchos*) [A053]
- Pintail (*Anas acuta*) [A054]
- Scaup (*Aythya marila*) [A062]
- Common Scoter (*Melanitta nigra*) [A065]
- Oystercatcher (*Haematopus ostralegus*) [A130]
- Ringed Plover (*Charadrius hiaticula*) [A137]
- Sanderling (*Calidris alba*) [A144]
- Bar-tailed Godwit (*Limosa lapponica*) [A157]
- Redshank (*Tringa totanus*) [A162]
- Greenshank (*Tringa nebularia*) [A164]
- Turnstone (*Arenaria interpres*) [A169]
- Chough (*Pyrrhocorax pyrrhocorax*) [A346]
- Wetlands & Waterbirds [A999]

Castlemaine Harbour SAC (000343)

Objective: To maintain or restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected:-

- Sea lamprey (*Petromyzon marinus*) [1095]
- River lamprey (*Lampetra fluviatilis*) [1099]
- Salmon (*Salmo salar*) [1106]
- Estuaries [1130]
- Mudflats and sandflats not covered by seawater at low tide [1140]
- Annual vegetation of drift lines [1210]
- Perennial vegetation of stony banks [1220]
- Salicornia and other annuals colonizing mud and sand [1310]
- Spartina swards (*Spartinion maritimae*) [1320]
- Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*) [1330]
- Otter (*Lutra lutra*) [1355]
- Petalwort (*Petalophyllum ralfsii*) [1395]
- Mediterranean salt meadows (*Juncetalia maritimi*) [1410]
- Embryonic shifting dunes [2110]
- Shifting dunes along the shoreline with *Ammophila arenaria* (white dunes) [2120]
- Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130]
- Dunes with *Salix repens* ssp. *argentea* (*Salix arenariae*) [2170]
- Humid dune slacks [2190]

Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (Alno-Padion, *Alnion incanae*, *Salicion albae*) [91E0]

Killarney National Park, Macgillycuddy's Reeks & Caragh

1. Proposed development site location relative to that of Natura 2000 Sites

	<p>River Catchment SAC (000365)</p> <p>Objective: To maintain or restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected:</p> <ul style="list-style-type: none"> • [1024] <i>Geomalacus maculosus</i> • [1029] <i>Margaritifera margaritifera</i> • [1065] <i>Euphydrias (Eurodryas, Hypodryas) aurinia</i> • [1095] <i>Petromyzon marinus</i> • [1096] <i>Lampetra planeri</i> • [1099] <i>Lampetra fluviatilis</i> • [1103] <i>Alosa fallax</i> • [1106] <i>Salmo salar</i> (only in fresh water) • [1303] <i>Rhinolophus hipposideros</i> • [1355] <i>Lutra lutra</i> • [1421] <i>Trichomanes speciosum</i> • [1833] <i>Najas flexilis</i> • [3110] Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>) • [3130] Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i> • [3260] Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitriche-Batrachion</i> <p>Vegetation</p> <ul style="list-style-type: none"> • [4010] Northern Atlantic wet heaths with <i>Erica tetralix</i> • [4030] European dry heaths • [4060] Alpine and Boreal heaths • [5130] <i>Juniperus communis</i> formations on heaths or calcareous grasslands • [6130] Calaminarian grasslands of the <i>Violetalia calaminariae</i> • [6410] <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>) • [7130] Blanket bogs (* if active only) • [7150] Depressions on peat substrates of the <i>Rhynchosporion</i> • [91A0] Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles • [91E0] * Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i>, <i>Alnion incanae</i>, <i>Salicion albae</i>) • [91J0] * <i>Taxus baccata</i> woods of the British Isles
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2. Specialist reports, advice and recommendations received (if any)

Brief overview of specialist reports, advice, and recommendations received from NPWS / Heritage Officer / Biodiversity Officer / other Specialists (where appropriate)	-
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3. Consideration of the potential for significant impacts on Natura 2000 sites, having particular regard to potential significance indicators, status information, qualifying interests and conservation objectives for Natura 2000 sites. In line with the precautionary principle, where doubt exists, it should be assumed that effects could be significant.

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<p>Proposals may effect: (i) Habitat loss and / or degradation (ii) Species loss, disturbance and / or displacement</p> <p>Potential significance indicators include:</p>	<p>Significance will vary depending on:</p> <ul style="list-style-type: none"> • Magnitude of impact • Type • Extent • Distance • Duration • Intensity • Timing • Probability • Cumulative effects
<ul style="list-style-type: none"> • Reduction, degradation or fragmentation of key habitat (land clearance etc) 	<p>None likely. It is noted that there are no Natura 2000 sites located in the immediate vicinity and that the wastewater treatment proposals are outlined to be in accordance with best practice standards.</p>
<ul style="list-style-type: none"> • Hydrological disruptions (loss of groundwater supplies, altered run-off rates etc) 	<p>None likely. It is noted that drinking water is to be supplied from the public water mains.</p>
<ul style="list-style-type: none"> • Changes in water quality (toxicity / chemistry, turbidity, nutrients, silt content) 	<p>None likely. It is noted that there are no Natura 2000 sites located in the immediate vicinity and that wastewater treatment infrastructure is proposed as part of the proposal.</p>
<ul style="list-style-type: none"> • Facilitation of changes, that may promote invasive species colonisation (including introduction, dispersal and / or creation of favourable habitat) 	<p>None likely. It is noted that there are no Natura 2000 sites located in the immediate area.</p>
<ul style="list-style-type: none"> • Noise, vibration and or light disturbance 	<p>None likely. It is noted that there are no Natura 2000 sites located within the immediate area.</p>
<ul style="list-style-type: none"> • Movement related disturbances, including increased access to / within ecologically sensitive areas (human, traffic, machinery etc) 	<p>None likely. It is noted that there are no Natura 2000 sites located in the immediate area.</p>
<ul style="list-style-type: none"> • Dust 	<p>None likely. It is noted that there are no Natura 2000 sites located in the immediate area.</p>
<ul style="list-style-type: none"> • Landslides and collapses 	<p>None likely.</p>
<ul style="list-style-type: none"> • Other potential indicators 	<p>None likely.</p>
<ul style="list-style-type: none"> • Interactive / cumulative / in combination impacts including potential climate change impacts and those with other plans and projects 	<p>It is noted that there are a number of existing and proposed developments in the area. Interactive / cumulative / in combination impacts are not considered to be likely, this is a small-scale project.</p>
<p>Overview / Key Points</p>	<p>The proposal is small in scale and is sufficiently far removed from Natura 2000 sites for significant effects to arise.</p>

4. Determination of which species and habitats could be significantly affected by the activities

This report concludes that no significant effects on European sites are likely, and that a Stage 2 appropriate assessment is not required. In identifying the potential issues which could significantly effect Natura 2000 sites a range of factors were taken into account, including the possibility of effects manifesting themselves in the short, medium and long-term, in combination effects and the potential impacts of climate change. In addition, the precautionary principle was adhered to in the carrying out of this assessment.

5. Conclusion and Reasons for Conclusion

Conclusion

This report objectively concludes, on the basis of objective scientific information, that the proposed project individually or in combination with other plans or projects, is not likely to have a significant effect on a European or Natura 2000 Site, and accordingly it is considered that a Natura Impact Statement / Stage 2 Appropriate Assessment is not required in this instance.

The reasons for the conclusion as outlined are as follows:-

- This is a small-scale residential development distant from Natura 2000 sites which provides for wastewater treatment infrastructure and would be serviced with water from the public mains.
- There would be no loss or degradation of Natura 2000 habitat or functionally linked habitat.